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UNDERGRADUATE CATALOG

The University of Nebraska at Kearney Undergraduate Catalog will serve as a reference for you during the beginning weeks at the University of Nebraska at Kearney and throughout your university career.

We hope the information provided will answer your questions about the University; if not, the faculty, administration and staff are always available to answer questions personally.

Acceptance of registration by the University of Nebraska and admission to any educational program of the University does not constitute a contract or warranty that the University will continue indefinitely to offer the program in which a student is enrolled. The University expressly reserves the right to change, phase out, or discontinue any program.

The listing of courses contained in any University bulletin, catalog, or schedule is by way of announcement only and shall not be regarded as an offer of contract. The University expressly reserves the right to:

1. add or delete courses from its offerings,
2. change times or locations,
3. change academic calendars without notice,
4. cancel any course for insufficient registration, or
5. revise or change rules, charges/fees, schedules, courses, requirements for degrees and any other policy or regulation affecting students, including, but not limited to, evaluation standards, whenever the same is considered to be in the best interests of the University.

This catalog is in effect beginning with the 2019-2020 academic year. A student must, however, meet the requirements from one catalog only rather than choosing a portion from one catalog and the remainder from another.

If a student takes longer than five calendar years to complete a degree, UNK reserves the right to require the student to meet the more recent requirements for graduation. Curriculum changes or modifications require that all new program requirements be met regardless of course work previously completed.

The University of Nebraska at Kearney does not discriminate in its academic, admissions or employment policies and abides by all federal, state, and regental regulations pertaining to the same.

The University of Nebraska at Kearney is an affirmative action/equal opportunity institution.

ugradcatalog@unk.edu

Academic Calendar

For a more detailed calendar with dates and deadlines relating to registration and graduation, see the Academic Calendar (http://www.unk.edu/offices/registrar/academic_policies_handbook/Academic_Calendar.php) from the Office of Student Records and Registration.

Fall Semester 2019

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 26,</td>
<td>All Classes Begin</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
</tbody>
</table>

Spring Semester 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 13,</td>
<td>All classes begin</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
<tr>
<td>January 20,</td>
<td>Martin Luther King Jr. Day - No classes</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
<tr>
<td>January 21,</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>February 6,</td>
<td>Deadline to apply for May graduation</td>
</tr>
<tr>
<td>Thursday</td>
<td></td>
</tr>
<tr>
<td>March 22-29,</td>
<td>Spring break - No classes</td>
</tr>
<tr>
<td>Sunday-Sunday</td>
<td></td>
</tr>
<tr>
<td>March 30,</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
<tr>
<td>May 4-7,</td>
<td>Final week</td>
</tr>
<tr>
<td>Monday-Tuesday</td>
<td></td>
</tr>
<tr>
<td>May 8,</td>
<td>Commencement</td>
</tr>
<tr>
<td>Friday</td>
<td></td>
</tr>
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</table>

Summer 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 11,</td>
<td>Classes begin</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
<tr>
<td>May 25,</td>
<td>Memorial Day - No classes</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
<tr>
<td>May 26,</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>June 20,</td>
<td>Deadline to apply for summer graduation</td>
</tr>
<tr>
<td>Saturday</td>
<td></td>
</tr>
<tr>
<td>July 31,</td>
<td>Term ends</td>
</tr>
<tr>
<td>Friday</td>
<td></td>
</tr>
<tr>
<td>July 31,</td>
<td>Commencement</td>
</tr>
<tr>
<td>Friday</td>
<td></td>
</tr>
</tbody>
</table>

Fall Semester 2020

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>August 24,</td>
<td>All classes begin</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
<tr>
<td>September 7,</td>
<td>Labor Day Break - No classes</td>
</tr>
<tr>
<td>Monday</td>
<td></td>
</tr>
<tr>
<td>September 8,</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>September 15,</td>
<td>Deadline to apply for December graduation</td>
</tr>
<tr>
<td>Tuesday</td>
<td></td>
</tr>
<tr>
<td>October 19-20,</td>
<td>Fall Break - No classes</td>
</tr>
<tr>
<td>Monday-Tuesday</td>
<td></td>
</tr>
</tbody>
</table>
October 21, Wednesday  Classes reconvene
November 25-28, Wednesday- Saturday  Thanksgiving Break- No classes
November 30, Monday  Classes reconvene
December 14-17, Monday- Thursday  Finals week
December 18, Friday  Commencement

Spring Semester 2021

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 11, Monday</td>
<td>All classes begin</td>
</tr>
<tr>
<td>January 18, Monday</td>
<td>Martin Luther King Jr. Day- No classes</td>
</tr>
<tr>
<td>January 19, Tuesday</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>February 1, Monday</td>
<td>Deadline to apply for May graduation</td>
</tr>
<tr>
<td>March 14-21, Sunday-Sunday</td>
<td>Spring break- No classes</td>
</tr>
<tr>
<td>March 22, Monday</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>May 3- 6, Monday- Thursday</td>
<td>Final Week</td>
</tr>
<tr>
<td>May 7, Friday</td>
<td>Commencement</td>
</tr>
</tbody>
</table>

Summer Semester 2021

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 10, Monday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>May 31, Monday</td>
<td>Memorial Day- No classes</td>
</tr>
<tr>
<td>June 1, Tuesday</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>June 15, Tuesday</td>
<td>Deadline to apply for summer graduation</td>
</tr>
<tr>
<td>July 5, Monday</td>
<td>Independence Day Break- No classes</td>
</tr>
<tr>
<td>July 6, Tuesday</td>
<td>Classes reconvene</td>
</tr>
<tr>
<td>July 30, Friday</td>
<td>Term ends</td>
</tr>
<tr>
<td>July 30, Friday</td>
<td>Commencement</td>
</tr>
</tbody>
</table>

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  - Academic Integrity Policy (p. 10)
  - Academic Requirements for Good Standing (p. 10)
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  - Appeal Procedure - Final Grade (p. 11)
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• Refunds (p. 15)
• Registration (p. 16)
• Repeated Courses (p. 16)
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• Student Classification (p. 17)
• Student Load (p. 17)
• Withdrawal from the University of Nebraska at Kearney (p. 17)

Academic Amnesty

Undergraduate students, after 24 consecutive credit hours of successful work at UNK, UNO, UNL, or UNMC, with a cumulative grade point average of at least 3.0 for these hours may petition the Office of Student Records and Registration at UNK to have either or both of their first two semesters' grades at UNK removed from their cumulative grade point average. If a student has completed more than 24 consecutive hours all of their hours must have a 3.0 cumulative GPA. No other semesters may be considered. Courses from those semesters will remain on the student's transcripts. Courses during those semesters in which a minimum of a "C" grade is earned may continue to count toward graduation. Thus, Academic Amnesty allows students to have either or both of their first two semesters' grades removed from their cumulative grade point average, but their grades from those semesters remain on the student's permanent record. They may use only courses with a grade of C or better from those semesters to meet graduation requirements.

The petition is subject to the following conditions:

1. The student shall be at least six years removed from the semester or year to be deleted.
2. The student is responsible for initiation of the petition.
3. The petition must be approved by the student’s academic advisor and the Registrar.
4. The semester listing of courses granted amnesty will be marked, on the student’s permanent transcript, "Approved for Academic Amnesty."

Students will obtain an Academic Amnesty Form in the Office of Student Records and Registration. The form must then be signed by the academic advisor and the Registrar before Academic Amnesty is granted.

This policy applies only to students who have not yet graduated with a bachelor's degree.

Academic Integrity Policy

The maintenance of academic honesty and integrity is a vital concern of the University community. Any student found in violation of the standards of academic integrity may be subject to both academic and disciplinary sanctions. Academic dishonesty includes, but is not limited to, the following:

1. Cheating: Copying or attempting to copy from an academic test or examination of another student; using or attempting to use unauthorized materials, information, notes, study aids or other devices for an academic test, examination or exercise; engaging or attempting to engage the assistance of another individual in misrepresenting the academic performance of a student; or communicating information in an unauthorized manner to another person for an academic test, examination or exercise.
2. Fabrication and falsification: Falsifying or fabricating any information or citation in any academic exercise, work, speech, test or examination. Falsification is the alteration of information, while fabrication is the invention or counterfeiting of information.
3. Plagiarism: Presenting the work of another as one's own (i.e., without proper acknowledgment of the source) and submitting examinations, theses, reports, speeches, drawings, laboratory notes or other academic work in whole or in part as one's own when such work has been prepared by another person or copied from another person.
4. Abuse of academic materials and/or equipment: Destroying, defacing, stealing, or making inaccessible library or other academic resource material.
5. Complicity in academic dishonesty: Helping or attempting to help another student to commit an act of academic dishonesty.
6. Falsifying grade reports: Changing or destroying grades, scores or markings on an examination or in an instructor's records.
7. Misrepresentation to avoid academic work: Misrepresentation by fabricating an otherwise justifiable excuse such as illness, injury, accident, etc., in order to avoid or delay timely submission of academic work or to avoid or delay the taking of a test or examination.
8. Other Acts of Academic Dishonesty: Academic units and members of the faculty may prescribe and give students prior written notice of additional standards of conduct for academic honesty in a particular course, and violation of any such standard shall constitute a violation of the Code.

Under Section 2.9 of the Bylaws of the Board of Regents of the University of Nebraska, the respective colleges of the University have responsibility for addressing student conduct solely affecting the college. Just as the task of inculcating values of academic honesty resides with the faculty, the college faculty are entrusted with the discretionary authority to decide how incidents of academic dishonesty are to be resolved. For more information, please visit UNK’s Procedures and Sanctions for Academic Integrity (https://www.unk.edu/offices/reslife/_documents/academic-integrity-policy.pdf) and the Student Code of Conduct (https://www.unk.edu/offices/reslife/_documents/university-of-nebraska-at-kearney-student-code-of-conduct.pdf).

Graduate student policies may differ. See the Graduate Catalog (http://catalog.unk.edu/graduate).

Academic Requirements for Good Standing

All students should maintain a 2.0 cumulative GPA for work taken at this institution in order to be considered in good standing. Students are placed on academic probation at the end of any semester in which their cumulative GPA falls below 2.0.

Unless special permission is granted by the student’s academic advisor, students on academic probation must carry less than 16 credit hours. Offices of Academic and Career Services (p. 470), Academic Success (p. 471), Counseling Care (p. 473) and Disability Services (p. 471) work individually with probationary students to help them meet their individual needs.
Students who are placed on academic probation are suspended for one academic year when the following conditions exist:

1. Credit Hours Attempted 1 - 24: cumulative GPA is below 2.0 during the prior semester (academic probation) and both the semester and cumulative GPA are below 1.80.
2. Credit Hours Attempted 25 - 45: cumulative GPA is below 2.0 during the prior semester (academic probation) and both the semester and cumulative GPA are below 1.90.
3. Credit Hours Attempted 46 and above: cumulative GPA is below 2.0 during the prior semester (academic probation) and both the semester and cumulative GPA are below 2.0.

Students who are suspended may enroll for classes during the summer term.

Graduation is dependent upon a minimum GPA of 2.0, utilizing earned grades of all courses taken while pursuing an undergraduate degree. This minimum GPA must also be earned in all courses needed to fulfill competency requirements within a comprehensive major, or within the major and minor programs of study, or within the endorsement areas in teacher education programs. Individual departments, however, may require a grade of at least a "C" for courses in their majors.

Students entering any teaching program of study within the College of Education must be accepted for Teacher Education. A minimum GPA of 2.75 is required before admission to Teacher Education may be granted. To be graduated from any teacher education program and be recommended for a teaching certificate, a candidate must have met the scholarship requirements and maintain a 2.75 GPA.

Appeal of Academic Suspension

Students suspended from the University for academic reasons have a right to appeal their suspension. The following appeals process is recommended:

1. The Appeals Board will be made up of a faculty member from each college and the directors of Academic and Career Services and Academic Success.
2. Students are expected to present their appeal in writing and a written recommendation from their academic advisor or the chairperson of the department in which they major before the appeal is considered by the Board.

Students who are successful in their appeal must:

1. Enroll in no more than the number of credit hours recommended by the Appeals Board.
2. Normally full-time students will repeat at least 6 credit hours of course work with previously recorded grades of "D", "D-", or "F". Part-time students normally will repeat at least 3 credit hours of course work with previously recorded grades of "D", "D-" or "F". The final decision about the number of courses to be repeated during the student’s period of probation rests with the Appeals Board.
3. The Appeals Board will designate the grade point average students must receive during the semester they are re-admitted to the University. Students will be required to receive at least a minimum grade point average of 2.0, but the Board may also require that the students receive a higher grade point average. Students who do not receive the designated grade point average will again be suspended for a period of two consecutive semesters.
4. Students must meet with their academic advisor at least twice during the semester they are re-admitted, to report their academic progress.

Appeal Procedure - Final Grade

The typical procedure for appealing a final grade involves the following individuals:

1. The Instructor
2. The Department Chairperson
3. The College Dean or EPC
4. The Senior Vice Chancellor for Academic and Student Affairs

If a student feels the grade he/she received in a class is incorrect, he/she must initiate contact with the instructor of record or in the absence of the instructor, with the appropriate department chair, within 30 days of the end of the term for which the grade was assigned. Failure to notify the instructor/department of record within the allotted time will render the initial grade final and no changes will be permitted.

Some colleges require that grade appeals be made to their Educational Policy Committee.
Students wishing to appeal a final grade should inquire with the Dean's Office of the College in which the grade was issued.

Bill of Rights

The Student Bill of Rights protects students from arbitrary or capricious decisions by classroom instructors. The Bill of Rights provides procedures for investigations and hearings on student complaints regarding grades or other academic problems. For a complete copy of the Student Bill of Rights, see the Student Handbook.

Change of Schedule (Drop/Add)

Students may adjust their schedules (drop and/or add classes) using the MyBLUE (http://myblue.unl.edu) Registration System through the FIRST week of the semester (until 5:00 pm on Friday) or through the Sunday before the summer term begins. After that date students may still use MyBLUE to drop classes, and the refund will be calculated based on the appropriate refund schedule.

Students MUST complete the transaction on MyBLUE to change their registration. Failure to attend class does NOT constitute a drop and does NOT cancel the student's registration or his/her obligation to pay all tuition and related fees for the course. Students are encouraged to consult with either their advisor or the course instructor before making the decision to withdraw. Students receiving financial aid should consult the Financial Aid Office to determine whether their eligibility will be impacted by dropping a class, and international students should work with their advisor to be sure dropping a class will not affect their full-time status for immigration purposes.

A student dropping a course after the first week of the Fall or Spring semester and any time prior to the end of the ninth week of the semester will be awarded a "W." For courses of duration other than an entire semester, a student dropping a course after the first day of the class and any time prior to the end of the mid-point of the class duration (e.g., the end of the fourth week of an eight-week course) will be awarded a "W." The "W" will appear on the student’s grade report and transcript.
During the Summer term, students will receive a "W" on their transcripts for classes dropped on or after the first day of the class.

An "F" will be reported if a student stops attending class and neither officially withdraws from the course prior to the appropriate deadline nor establishes, prior to the end of the term and to the satisfaction of the instructor, that extenuating circumstances prevented completion of the course. If the instructor determines that such extenuating circumstances were present, an "I" (incomplete) may be recorded on the student's grade report and transcript.

A student may not withdraw from a course AFTER the mid-point of the class unless highly unusual, extenuating circumstances (beyond the student's control) are established to the satisfaction of the Senior Vice Chancellor for Academic and Student Affairs (undergraduates) or the Graduate Dean (graduates).

A student may not withdraw from a course after the semester/session in which the course was taken has ended.

Beginning the third week of the semester or the third day of a summer class, students wishing to add must have permission from the course instructor, department chair, and the dean of the college for each class in which they plan to enroll. Students cannot add full semester classes following the fourth week of the term.

**Course Numbering**

The number by which a course is designated is intended to indicate the relative level of the course. A student will generally choose courses within his/her classification, but may elect courses of one rank above or below his/her classification upon the counsel of his/her advisor. The following numbering system should be useful to students in planning their respective programs:

- **Lower Division Courses:**
  - Freshman courses are numbered from 100 to 199.
  - Sophomore courses are numbered from 200 to 299.

- **Upper Division Courses:**
  - Junior courses are numbered from 300 to 399.
  - Senior courses are numbered from 400 to 499.

Courses numbered lower than 100, e.g., Math 090, LNSK 075, do not count toward degree programs or graduation credit hours.

A minimum of 40 semester credit hours of upper division credit is required for the bachelor's degree. Such 300/400 level courses are offered only by four-year colleges and universities.

**Deans' List**

During the spring and fall semesters, the Deans' List is established to honor undergraduate students for their academic achievements. Students who have completed at least 12 credit hours during the semester with a 3.5 or better semester GPA are eligible. Courses taken on a credit/no credit (p. 12) basis are not included among the necessary 12 credit hours. Students on the Deans' List may obtain their certificate of recognition from their respective Dean's office after the first month of the following semester. Students without a declared major are under the Dean of Arts and Sciences.

**Ethical/Professional Conduct Statement**

The faculty require not only students meet the academic standards of their discipline, but also the professional and ethical standards of their chosen field of study. Failure to adhere to such standards of conduct may result in the denial of admission to, or in the expulsion from, their major or minor program of study.

**Final Week Policy**

Finals at UNK will be scheduled Monday through Thursday during the last week of the semester.

1. Final examinations for full semester classes are to be given at the regularly scheduled examination time only as published on the Registrar's Office website.
2. During the week prior to Final Week, the only examinations that may be given are: laboratory practical examinations, make-up or repeat examinations, and self-paced examinations.
3. Projects, papers, and speeches scheduled for completion during the last week of classes must have been assigned in writing by the end of the eighth week of the semester. This refers to the project and its scope, not the topic.
4. Complaints about failure to follow the above outlined procedures should be made immediately to the appropriate department chair, dean, or the Senior Vice Chancellor for Academic and Student Affairs Office, if necessary.
5. Any course not having an examination during Final Week will meet under the direction of its instructor during the scheduled Final Week time period for a continuation of regular class work.
6. Exceptions to this policy may be granted by the Dean on the basis of good and sufficient reasons submitted to the Dean in writing.

**Grading Options**

In addition to traditional grading ("A" - "F") a student may opt to be graded in registered courses by credit/no credit (p. 12), or audit. The Credit/No Credit grading option must be declared by the end of the 4th week of the semester (Spring or Fall) or the end of the first class day in the summer. Audit grading (p. 13) options must be declared by the end of the first week of the semester (Spring or Fall) or by the end of the first class day (Summer).

Tuition rates and related fees are identical for each of these grading options. Grading options cannot be changed after the deadlines outlined above. Each option is described as follows:

**Credit/No Credit**

A student may elect one course each semester (a summer session is considered as a semester) for which he/she chooses to be graded on the basis of credit/no credit. A student must declare the grading option by the end of the 4th week of the semester and the end of the first class day in the summer. The credit/no credit refers only to the final grade in the course as recorded by the Registrar. Nothing will change in the content of the course and the course examinations. When a student completes the course, he/she will receive a letter grade. If that grade is at least a "C" the student will receive credit (CR) for the course. If the letter grade is "C-" or lower, the student will receive no credit (NC) for the course. In either
case, the student’s GPA will not be affected. This grading system is at the option of the student, but will operate with the following restrictions:

1. The option is available only to students who have completed 28 semester hours and are in good academic standing.
2. The student must have met all of the prerequisites required for enrollment in the course chosen.
3. The course chosen cannot be used to meet major, comprehensive major, minor, or endorsement area requirements.
4. The student may choose only one course per semester, unless it is an established function of the course, to be taken on a credit/no credit basis.
5. A maximum of 18 credit hours may be taken on a credit/no credit basis.
6. Students wishing to declare a course CREDIT/NO CREDIT must do so at the Office of Student Records and Registration by the end of the 4th week of the semester (Spring or Fall) or by the end of the first class day (Summer). The CREDIT/NO CREDIT grading option cannot be changed after the deadline.

The responsibility for assuring that the student satisfies the above restrictions lies with the student and his/her advisor. The actual granting or withholding of credit is the responsibility of the Registrar’s Office.

Audit Grading

Audit grading does not result in the accumulation of credit hours applicable to a program of study. No audited course may be subsequently granted credit unless it is repeated as a re-registered course under the traditional grading option.

Auditing is generally limited to one course per semester, but is not specifically limited to a cumulative total. Auditing may be opted without regard for the student’s classification. Students who wish to audit a course must complete a request form at the Office of Student Records and Registration by the end of the first week of the semester (Spring or Fall) or by the end of the first class day (Summer).

Grading System

Traditional Grading/Scholarship Quality Points

The following traditional grade indices are used in descending order with “F” indicating academic failure. Letter grades carry weighted scholarship points per credit hour attempted as follows:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A+</td>
<td>4.00 points</td>
</tr>
<tr>
<td>A</td>
<td>4.00 points</td>
</tr>
<tr>
<td>A-</td>
<td>3.67 points</td>
</tr>
<tr>
<td>B+</td>
<td>3.33 points</td>
</tr>
<tr>
<td>B</td>
<td>3.00 points</td>
</tr>
<tr>
<td>B-</td>
<td>2.67 points</td>
</tr>
<tr>
<td>C+</td>
<td>2.33 points</td>
</tr>
<tr>
<td>C</td>
<td>2.00 points</td>
</tr>
<tr>
<td>C-</td>
<td>1.67 points</td>
</tr>
<tr>
<td>D+</td>
<td>1.33 points</td>
</tr>
<tr>
<td>D</td>
<td>1.00 point</td>
</tr>
</tbody>
</table>

Weighted scholarship points are not awarded for courses graded on the credit/no credit (p. 12) system. “W”, awarded as a result of withdrawing from a course prior to completion, is not computed in the GPA. (Also see sections on withdrawal (p. 17), change of schedule (p. 11), grade average computation (p. 13) and repeated courses (p. 16).)

Grade Point Average (GPA) Computation

Grade point averages are computed for each term and accumulated for the duration of attendance. Credit hours accepted in transfer from institutions outside the University of Nebraska, hours resulting from a competency-based assessment, courses taken out of career or taken prior to Fall 2010 as post-graduate hours, and credit hours earned at UNK under the credit/no credit (p. 12) grading system are excluded in grade average computations. Withdrawals from courses resulting in a “W” and incompletes “I” are disregarded in deriving grade point averages. All other letter grades are used in computing grade averages. Grades earned in courses taken at another campus of the University of Nebraska after July 1, 1991, will be used in calculating the student’s cumulative University/UNK GPA. The Office of Student Records and Registration must be notified by the student if a course is retaken in order to remove an earlier grade in that course, and to initiate a new computation of the cumulative GPA based on the most recent grade earned for that course.

Graduate Division Courses

Graduate courses are numbered from 800 to 999. A senior student pursuing graduate coursework while completing an undergraduate degree is considered an undergraduate student. A student requiring fifteen credit hours or fewer (excluding student teaching, practicum, or internship) for the Bachelor’s Degree may be allowed to enroll in graduate classes. Qualified students must have a G.P.A. of 3.00 or higher, will not be permitted to register for more than six semester credit hours of graduate courses, and the maximum load of undergraduate-graduate credit hours may be no more than eighteen credit hours. Enrollment must be approved by the student’s advisor, the instructor or department chair, and the Dean of Graduate Studies. Graduate courses taken to complete requirements for the Bachelor’s Degree may not be used subsequently to satisfy requirements for a graduate degree. However, graduate courses not applied to the baccalaureate degree may be applied toward a graduate degree.

Graduation Honors

The University of Nebraska at Kearney confers graduation honors on undergraduate students who meet the following qualifications:

<table>
<thead>
<tr>
<th>Scholastic Averages</th>
<th>Honors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.90-4.00</td>
<td>Summa Cum Laude</td>
</tr>
<tr>
<td>3.80-3.89</td>
<td>Magna Cum Laude</td>
</tr>
<tr>
<td>3.70-3.79</td>
<td>Cum Laude</td>
</tr>
<tr>
<td>3.50-3.69</td>
<td>Honorable Mention</td>
</tr>
</tbody>
</table>

The above grade averages are computed on the basis of a minimum of 60 semester hours’ credit earned and completed in residence at UNK. Courses taken during the semester in which the student plans to graduate are not used in determining honors for commencement. When final grades for the semester are received, the students’ final honors standing will be calculated and recorded on the permanent record.
Grades and credit hours earned at colleges or universities other than the University of Nebraska are not applicable in determining graduation honors.

**TRANSFER STUDENTS ONLY:** A minimum of 45 credit hours must be completed at UNK prior to the final semester, and registration during the final semester must be sufficient to complete a total of 60 credit hours at UNK if the student wishes to be identified in the commencement program as an honors graduate candidate.

## Incomplete Removal

All course work assigned must be completed before a grade is awarded. The mark of "I" (Incomplete) is reserved for conditions in which a student has been unable, due to circumstances beyond his or her control, to complete the course by the end of the term. Unless an extension of time is granted in writing by the Office of Student Records and Registration, an incomplete must be removed within twelve calendar months. If the course work is not completed during this time then the "I" will convert to an "F" on the student's transcript and cannot be changed other than by re-registering for the course.

If an extension is desired, the student must initiate a written request for a specific time of extension, must exhibit extenuating circumstances beyond his/her control, and must make the request in advance of the twelve-month expiration. The request must be supported by a written endorsement from the course instructor, or the department chairperson in the absence of the instructor, and submitted to the Registrar’s Office prior to the expiration of the twelve-month period.

## Non-Traditional Credit

Credit earned through non-traditional means, including CLEP, AP, departmental test-out, retroactive credit, correspondence study, military credit, and non-collegiate instructional programs, is limited to a maximum of 45 credit hours applicable to the student’s degree program. Limits have also been established within each of the areas as defined below.

- **Departmental Test-Out** - 15 credit hours
  Students may receive credit for successfully demonstrating competency in a particular course through a proficiency exam. Academic departments assume responsibility for developing and administering such exams.

- **Retroactive Credit** - 15 credit hours
  Students entering UNK with a particularly high level of achievement in a given subject area, may be awarded credit upon completion of a "confirming" course at UNK. Restrictions apply.

- **Military Credit** - 15 credit hours
  Students who have completed military training, including Basic Training, may receive credit for their experiences based upon the recommendations of the American Council of Education in *The Guide to the Evaluation of Educational Experiences in the Armed Services*.

- **Correspondence Courses** - 12 credit hours
  No more than 12 credit hours of correspondence credit may be applied to a bachelors degree.
for those College courses most nearly equivalent to the Advanced Placement tests. An applicant who has taken an Advanced Placement examination should request that his/her score be reported to the Office of Student Records and Registration.

Advanced Placement examinations are recognized in the following areas: Art, Biology, Chemistry, Computer Science, Economics, English, European History, French, Geography, German, Mathematics, Music Theory, Physics, Political Science, Psychology, Spanish, Statistics, United States History and World History. For a complete list of Advanced Placement Test credit and scores, visit the website of the Office of Student Records and Registration at www.unk.edu/offices/registrar/academic_policies_handbook/Advanced_Placement_Credit_and_Scores.php.

A student may not take an examination for credit in any course which:

1. is a prerequisite,
2. has a lower level of required proficiency, or
3. involves significantly similar content to courses completed.

3. By demonstrating proficiency in subject areas selected by successfully completing the College Level Examination Program (CLEP).

The University of Nebraska offers students an opportunity to earn college credit in selected areas by demonstrating proficiency in subject areas by completing the College Level Examination Program (CLEP). Academic departments which have approved the program will grant credit for CLEP tests (p. 15) to those students who pass the test at the 50th percentile or above, according to the national norms. A fee of $105.00, with $80.00 payable to CLEP and $25.00 payable to UNK, is charged for each test. For additional information regarding the CLEP examination, contact the Office of the Student Records and Registration.

Credit may be obtained through the College Level Examination Program on courses listed below.

A student may not take an examination for credit in any course which:

1. is a prerequisite,
2. has a lower level of required proficiency, or
3. involves significantly similar content to courses completed.

### CLEP Test - University of Nebraska at Kearney

<table>
<thead>
<tr>
<th>CLEP Examination</th>
<th>Course Equivalent</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Government</td>
<td>PSCI 110</td>
<td>3</td>
</tr>
<tr>
<td>Biology</td>
<td>BIOL 103</td>
<td>4</td>
</tr>
<tr>
<td>Calculus</td>
<td>MATH 115</td>
<td>5</td>
</tr>
<tr>
<td>College Algebra</td>
<td>MATH 102</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry</td>
<td>CHEM 160, CHEM 160L, CHEM 161, CHEM 161L</td>
<td>8</td>
</tr>
<tr>
<td>Financial Accounting</td>
<td>ACCT 250</td>
<td>3</td>
</tr>
</tbody>
</table>

### Refunds

The refund schedule for classes is as follows:

**Fall/Spring Term**

<table>
<thead>
<tr>
<th>Withdrawal Date</th>
<th>Tuition Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>First week</td>
<td>100%</td>
</tr>
<tr>
<td>Second week</td>
<td>75%</td>
</tr>
<tr>
<td>Third week</td>
<td>50%</td>
</tr>
<tr>
<td>Fourth week</td>
<td>25%</td>
</tr>
<tr>
<td>After fourth week</td>
<td>NO REFUND</td>
</tr>
</tbody>
</table>

**NOTE:** Short term classes will follow a prorated refund schedule. Fees are refundable at the same rate as tuition. A $35.00 administrative fee may be assessed whenever 100% refund is given for complete withdrawal from all classes. A class cannot be dropped past the mid-point of the class. Students withdrawing from UNK and receiving federal or state need-based aid should see Return of Title IV Funds (p. 447).

**Summer Term**

Summer term classes will follow a prorated refund schedule. A class cannot be dropped past the mid-point of the class. A $35 administrative fee may be assessed whenever 100% refund is given for complete withdrawal from all classes. The Summer refund schedule is available at www.unk.edu/offices/student_accounts/refunds.php.
Registration

Registration by MyBlue

Students register for classes using MyBLUE (http://myblue.unk.edu), the interactive web interface. This system allows students to register, drop and add classes, check an existing class schedule and obtain information on registration holds and grades. MyBLUE also offers access to address information, the complete schedule of classes, account balance, transcripts, degree audit and financial aid. To access MyBLUE go to myblue.unk.edu (http://myblue.unk.edu). See the Registrar's Office website at www.unk.edu/offices/registrar (http://www.unk.edu/offices/registrar) for upcoming registration dates and complete registration instructions.

Early Registration

Currently enrolled UNK students can register early for the upcoming semester. All students must meet with their assigned academic advisor prior to registering for classes during the early registration period. The registration system will NOT allow these students to register until they have consulted with their advisor. The Registrar's Office website at www.unk.edu/offices/registrar (http://www.unk.edu/offices/registrar) contains specific registration procedures and appointment times. Students are encouraged to use MyBLUE (http://myblue.unk.edu) to check for any 'holds' (fines, outstanding fees, other obligations) that might prevent them from accessing the registration option.

Open Registration

Open Registration precedes the beginning of classes for the semester. Any admitted student can register during this time. A new student or a former student who has not attended University of Nebraska at Kearney for two years or more (for both undergraduate and graduate students), must complete the online application available at www.unk.edu/apply (http://www.unk.edu/apply) prior to registration.

For specific details regarding dates, locations, and procedures, students should refer directly to the Registrar's Office website at www.unk.edu/offices/registrar (http://www.unk.edu/offices/registrar).

Late Registration

Initial registration after the first week of the semester (Fall or Spring) or after the first class day (Summer) is considered late and a $15 late fee will be charged. In order to process a late registration, students must have written permission from the instructor of each course for which they wish to register and they must complete their registration at the Registrar's Office, Warner Hall from 8:00 am to 4:00 pm. Tuition and all fees are due at the time of registration and failure to pay at that time will result in late charges and prepayment for future terms.

Beginning the third week of the semester or the third day of a summer class, students wishing to register must have permission from the course instructor, department chair, and the dean of the college for each class in which they plan to enroll. Students cannot register for full semester classes following the fourth week of the term.

New Student Enrollment

Admitted students beginning their academic career at UNK will find pertinent information at the required one-day New Student Enrollment. Students' parents are also encouraged to participate in the day's activities to learn about UNK's academic expectations and methods to maintain academic success. Admitted students will meet one-on-one with skilled academic advisors to select classes and register for the fall semester. Reservations can be made with the Office of Admissions, (308) 865-8526 or 1-800-KEARNEY or online at www.unk.edu/nse (http://unk.edu/nse).

Blue & Gold Welcome Week

Prior to the beginning of classes, first year students are required to participate in a schedule of interesting and informative events that will assist their transition into student life at the University. Events and presentations will help students to find a sense of belongingness and Loper pride as well as academic independence at UNK. Presenters throughout Blue Gold Welcome include UNK staff and faculty, thus allowing students to not only meet the people who will be assisting them with a successful university experience, but who will also be equipping them with the tools necessary to flourish. Additional information can be obtained by calling the First Year Program at (308) 865-8291, or by going to the First Year Program or Welcome website, www.unk.edu/welcome, or www.unk.edu/firstyear.

Repeated Courses

Students may repeat courses to improve their GPA or to update their skills. When a course is repeated, the latter grade stands and is factored in the GPA regardless of the grade received. However, a grade of "NC" (no credit) cannot be used to replace a letter grade previously earned. After the second grade is awarded, the first grade is removed from the student's grade point average. The original course and grade remain on the student's transcript with the notation "Course repeated exclude from GPA calculation".

Whenever a student repeats a course for a better grade, he/she must notify the Office of Student Records and Registration. When notification is received prior to the end of the semester, the results of the repeated course will be reflected in the student's final grade report. Credit can be issued only once for a repeated course.

Courses designed to be repeated, where additional credit hours may be earned, are not eligible for the re-registration option. Such courses include, but are not limited to, Independent Study, Practicum and Internships. Courses assigned a subtitle can only be considered for re-registration if the student enrolls in the course under the same subtitle.

Grades earned in equivalent courses taken at another campus of the University (UNL, UNO, UNMC) may be used to replace a grade earned at UNK. Only those courses identified as University equivalents by the academic departments and listed in the UN Equivalency Guide may be considered under this policy. No other substitutions will be allowed. Courses taken outside the University of Nebraska system cannot be used to replace a grade earned at UNK.

Student Attendance Policy Statement

Students are expected to attend all meetings of classes for which they are registered, including the first and last scheduled meetings and the final examination period. Instructors hold the right and responsibility to
Students are classified according to the following levels:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshmen</td>
<td>0 to 27 credit hours</td>
</tr>
<tr>
<td>Sophomores</td>
<td>28 to 57 credit hours</td>
</tr>
<tr>
<td>Juniors</td>
<td>58 to 88 credit hours</td>
</tr>
<tr>
<td>Seniors</td>
<td>89-over</td>
</tr>
<tr>
<td>Graduate</td>
<td>Students who have a bachelor’s degree or higher</td>
</tr>
</tbody>
</table>

Students are classified according to the following levels:

**Student Load**

The unit of credit for work at UNK is the semester credit hour.

1. Twelve to sixteen credit hours each semester is considered a normal class load during the academic year for full-time undergraduate students. Up to eighteen credit hours may be taken by undergraduate students without petitioning for an over-load.

2. Undergraduate students wishing to carry more than eighteen credit hours must meet these requirements:
   a. students requesting 19-21 credit hours must have at least a 3.0 cumulative GPA;
   b. students requesting 22 or more credit hours must have at least a 3.2 cumulative GPA. Requests for exceptions to this policy must include the written approval of the student’s faculty advisor and be submitted to the Registrar for approval. The Registrar must approve all requests to register for nineteen credit hours or more.

3. Nine credit hours each term is considered a full-time load for graduate students. Graduate students seeking a class load in excess of twelve credit hours shall obtain an over-load approval from the Graduate Office prior to registration. Requests for exceptions to this policy must be approved in writing by the student’s faculty advisor and the Graduate Dean.

4. The following restrictions govern student course loads for the twelve-week summer session. Students may enroll in:
   a. A maximum of 6 credit hours per each four-week segment.  
   b. A maximum of 9 credit hours per each eight-week segment.  
   c. No more than 15 undergraduate or 12 graduate credit hours during the entire twelve-week summer session.

Approval for credit loads in excess of normal limits shall require a minimum 3.2 cumulative GPA, and shall be confirmed by written authorization from the appropriate faculty advisor, Academic Dean, Graduate Dean, or the Office of Student Records and Registration.

**Semester Credit Hour Definition**

- Class hour/contact hour = 50 minutes
- Fall/Spring Semester = 15 instructional weeks plus Final Week
- Summer Semester = 12 instructional weeks

At UNK, the semester credit hour is the unit used to measure course work. UNK adheres to the Carnegie unit for contact time, i.e., a minimum of 750 minutes or 15 contact hours for each credit hour awarded.

The number of credit hours assigned to a course quantitatively reflects the outcomes expected, the amount of time spent in class, and the amount of outside preparatory work expected for the class. According to federal regulations, a credit hour is defined as an amount of work represented in intended learning outcomes and verified by evidence of student achievement that reasonably approximates:

1. Not less than one class hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately fifteen weeks for one semester credit hour of credit, or ten to twelve weeks for one quarter credit hour of credit, or the equivalent amount of work over a different amount of time, or;
2. At least an equivalent amount of work as outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

This credit hour policy applies to all courses at all levels (graduate, postgraduate and undergraduate) that award academic credit regardless of the mode of delivery. Academic units are responsible for ensuring that credit hours are awarded only for work that meets the requirements outlined in this policy.

The expectation of contact time inside the classroom and student effort outside the classroom is the same in all formats of a course whether it is fully online, a blend of face-to-face contact with some content delivered by electronic means, or one delivered in lecture or seminar format. Courses that have less structured classroom schedules, such as research seminars, independent studies, internships, practica, studio work, or any other academic work leading to the award of credit hours, at a minimum, should clearly state learning objectives, expected outcomes and workload expectations that meet the standards set forth above.

**Withdrawal from the University of Nebraska at Kearney**

A student wishing to withdraw from the University and all classes may do so via MyBLUE (http://myblue.unk.edu) Registration System. The same procedure and time deadline will be followed as that for dropping a course.

Students may not withdraw after the ninth week of the semester (or after the mid-point of a course with a duration other than a semester) unless extenuating circumstances exist, in which case the student may receive a "W." Extenuating circumstances are defined as circumstances occurring following the end of the ninth week of a semester or the mid-point of a course and beyond the control of the student which, in the judgment of the Senior Vice Chancellor for Academic and Student Affairs or the Graduate Dean in consultation with the Withdrawal Committee, constitute appropriate cause for withdrawal without penalty.
A student may not withdraw from a class after the semester or session in which the class was taken has ended. The University reserves the right to exercise an administrative withdrawal. Administrative withdrawals may be initiated when a student’s continued presence on the campus would constitute the potential for danger to self or others, or disruption of University community interests including teaching, administration or other University recognized activities.

Academic Resources

Consistent with its mission to provide resources for excellent education and public service, the University of Nebraska at Kearney provides several resources that aid students and faculty in achieving educational success and that promote educational outreach into the local community.

Academic Success Offices

Academic Success provides resources for student achievement at UNK and beyond. To that end, Academic Success houses services that can help students earn better grades, graduate on-time, and become life-long learners. Resources include the Learning Commons which includes Subject Tutoring, the Writing Center and Supplemental Instruction (group tutoring); Student Support Services, a federal TRIO program; Disability Services; University Foundations classes; Study Skills classes; the Kearney Bound Program; a Computer Lab. Academic Success urges students to register for support services, enroll in transition classes, develop an accommodations plan, and/or sign-up for subject tutoring as early as possible. It is never too early to start planning for success. Moreover, taking full advantage of the available resources not only helps students perform academically, but also connects them with a diverse group of fun, interesting and engaged peers and staff.

Center for Teaching Excellence

The mission of the Center for Teaching Excellence (http://unkcms.unk.edu/academics/cte) is to enhance undergraduate education by providing services and resources to encourage and support excellent teaching. The Center coordinates teaching and learning workshops, symposia, and small group discussions designed to assist faculty in promoting active learning, understanding learning styles, and assessing student learning. In addition to offering individual and confidential consulting services for instructors, the Center also disseminates instructional information.

eCampus

eCampus at UNK has been meeting the educational needs of placebound, nontraditional adults for more than three decades by offering quality, affordable programs. UNK offers the same quality distance and online degree programs and courses that are offered on the campus. The majority of the eCampus courses are taught by credentialed faculty with Ph.D.s who are committed to teaching excellence. eCampus supports faculty and students with numerous support services to ensure that online offerings provide students with a quality educational experience. These include training for online faculty, course consultations, test proctoring, as well as a wide range of resources to help students succeed with their online education.

As part of the eCampus unit, Video Services provides a wide range of video related services to the UNK community. Among these are interactive videoconferencing, desktop videoconferencing, streaming video, taping, and duplicating. In addition, Video Services oversees the delivery of Cable TV services to the campus.

To view UNK’s online programs, courses, and resources, go to ecampus.unk.edu (http://ecampus.unk.edu).

Frank House

As UNK's history museum, the Frank House is dedicated to exploring the culture and history of Kearney through sharing the stories of its past residents. Located in one of Kearney's most historic properties, an 1889 Richardsonian Romanesque mansion featured on the National Register of Historic Places, the museum provides educational opportunities through guided tours, exhibits, and special programming.

The Frank House serves as a resource to the community by regularly hosting academic presentations, readings, concerts, theatre performances, dance recitals, art and music classes, among other cultural programming. It functions as a lab for UNK students and faculty interested in history, the arts, culture, architecture, engineering, and related disciplines. The Frank House is available to hold UNK classes for a day or a full semester, and special tours can be arranged with at least two weeks advance notice.

The museum is open from 2-5 pm, Monday-Friday, and noon-5 pm on Saturday. Admission is free and parking is readily available.

Information Technology Services

Information Technology provides administrative and academic technology-based services to the campus and provides support for the campus network. Available services include technical assistance and desktop support for faculty and staff; training for faculty, staff and students using a wide variety of computing resources; Internet access; hardware and software configuration and purchasing assistance; server support; web development, instructional design, and multimedia services; and administrative application development.

A variety of platforms support administrative, instructional and research functions for faculty, staff and students. All students have UNK email accounts. BlackBoard is utilized for development and management of web-based courses.

Computer labs are maintained in each residence hall. Two general-purpose labs are located in the Calvin T. Ryan Library. General-purpose labs provide access to a standard suite of software, including browsers, word processing, and spreadsheets. There are student computer labs, some with Macintosh computers and some with Windows-based computers, located in each of the academic buildings, maintained by individual departments.

A wireless data network is available to students, faculty and staff in all campus buildings.

Students with disabilities and special needs should contact the Office of Academic Success for information regarding accommodations.

A computer store in Room 115, Otto Olsen Building, offers full retail services for those wishing to buy computer equipment, including configuration advice and demo units. Contracts with major vendors provide attractive educational discounts, with sales limited to faculty, staff, and students of UNK.

The Help Desk, located in Room 115, Otto Olsen Building, is available to answer questions, resolve problems and provide information about computer use and network services at UNK. Training sessions and hands-on assistance are offered for faculty, staff, and students wishing to learn
more about many aspects of technology. The Help Desk is staffed from 8 am to 5 pm on Monday through Friday, but assistance is available 24x7. After hours phone calls are routed to an answering service, which also responds to emails and offers live chat. (See the Helpdesk link at its.unk.edu (http://its.unk.edu)).

All of the residence halls offer network access to students in each room. With a wired or wireless connection to the UNK network, students who have their own computers can access campus computing resources and the Internet from their residence hall room.

Two sets of guidelines, the University of Nebraska Policy for Responsible Use of University Computers and Information Systems (https://nebraska.edu/about/exec_memo16.pdf) and Guidelines for the Use of Information Technology Resources at the University of Nebraska at Kearney (http://unkcms.unk.edu/offices/its/its_main_page_tabs-files/Policies/GUIDELINES%20FOR%20THE%20USE%20OF%20INFORMATION%20TECHNOLOGY%20RESOURCES.pdf), apply to faculty, staff, and students at UNK.

**Institutional Review Board**

The role of the University of Nebraska at Kearney Institutional Review Board (IRB) is to protect human subjects who participate in research and to ensure that research conducted by UNK students, faculty, and staff complies with federal regulations. The IRB is an independent committee comprised of faculty from a variety of academic divisions, individuals with medical expertise, and community members.

The three general ethical principles that underlie the regulations concerning human subject research are: respect for persons, beneficence, and justice. These principles guide IRB review of research conducted at UNK:

**Respect for Persons** - Prospective participants in research must be given enough information about the nature of the research, what is required of them, and the potential benefits and risks of participating to allow them to make an informed decision about whether or not to participate.

**Beneficence** - Research involving human subjects must maintain a favorable balance between benefits and risks. Many types of risk must be considered, including physical harm, psychological harm, harm to one's reputation or employment status, and financial harm. In any risk-potential situation, the benefits should outweigh the potential risk. Subjects must be aware of potential risks before consenting to participate in the research.

**Justice** - Researchers should fairly select subjects for research participation. Fairness refers to the subjects as individuals as well as to subjects as members of any social, racial, sexual, or ethnic group.

At the individual level, subjects cannot be selected only because they are favored by the researcher or disliked by the researcher (for example, only those failing a class are invited to participate). Additionally, certain groups should not be more burdened than others with being research subjects. On the other hand, groups should not be excluded from research because of prior beliefs or because they are difficult to reach as research subjects.

Depending on the research method and subjects, IRB review is conducted at three levels: exempt, expedited, and full board. Researchers should submit their protocols to the IRB prior to data collection. Researchers also must complete a training program. The link to the training, submission guidelines, and forms for IRB review are available from the IRB website: www.unk.edu/irb (http://www.unk.edu/irb).

**Library**

The Calvin T. Ryan Library (http://library.unk.edu) staff, in partnership with the classroom faculty, Academic Success staff and other members of the UNK community, provide students with opportunities to develop skills that support their current educational pursuits, further their career opportunities, enrich their personal lives, and, ultimately, prepare them for lifelong learning.

The library building was originally constructed in 1963, with an addition in 1983. It provides seating and services for more than 890 students, including group study rooms, lounge seating, individual study carrels, three instruction/computer labs, a coffee shop, and a multimedia production and practice room equipped with specialized production, presentation and website development software for student use. In recent years further changes have been made, including the addition of the first Learning Commons at a state college or university in Nebraska. The 4,800 square foot Learning Commons houses the UNK Writing Center (p. 472), Subject Tutoring (p. ), additional group study rooms, and other services and activities focused on student academic success.

Numerous computers, printers and scanners are available throughout the library. Wireless computers can be used almost anywhere in the building, and resources also include two high-quality microform digitizers. Students may check out laptop computers at the circulation desk for in-library use.

The library provides access to a wide range of computer-based information resources, including the library's catalog, an electronic reserves system, 200-plus online databases, over 170,000 electronic books, and more than 90,000 full-text periodicals. Reference service is available in person and by telephone, e-mail or text message during scheduled hours. Several large online reference collections make reference information available to distance students as well as to those who use the library on-campus. The online portion of the library never closes, and these electronic resources are available 24 hours a day, seven days a week, to UNK students anywhere in the world who have Internet access. The library's homepage, library.unk.edu (http://library.unk.edu), provides general information about the library, as well as serving as a portal to all available print and digital resources.

The library's physical collections consist of over 406,000 print volumes and 94,000 non-print items encompassing a wide range of materials. The Library subscribes to approximately 600 current periodicals in print (magazines, journals, and newspapers), and maintains a collection of more than 117,000 bound periodical volumes. It is an official Federal Government Depository, and offers access to thousands of government documents in print and electronic form, in addition to documents from State of Nebraska agencies. A 2,400 item Special Collection includes titles on Nebraska history and the history of the American West. The library also houses the University Archives, comprised of print, non-print and online materials concerning the history of UNK and related information about its faculty, staff, administration, and students. The Curriculum Collections include an extensive pre-K through 12th grade textbook collection; lesson planning, curriculum development, classroom management and other practical teaching resources; games; kits; DVDs; and a spectacular juvenile literature collection.

The Interlibrary Loan/Document Delivery Division of the Library supports the research and instructional needs of the UNK community by providing...
access to materials not owned by the Library. This service is provided free of charge to UNK students, faculty, and staff.

The nine library faculty members, three managerial professionals, and thirteen support staff are dedicated to aiding students’ learning and success at UNK by acquiring and organizing information resources in a variety of formats, providing classroom and online instruction on the use of library resources, and consulting with students to meet their research needs.

Miriam Drake Theater
The Miriam Drake Theatre is a 334-seat proscenium house with a complete functional fly system and modern sound and lighting systems. The stage house has traps, orchestra pit and all the necessary equipment for full value stage productions. The theatre is located in the Fine Arts Building and is home to theatrical and dance productions throughout the year. This space is a laboratory and performance venue for undergraduate students in theatre, musical theatre and dance. The university productions are open to students, faculty and the community at large.

Museum of Nebraska Art (MONA)
The Museum of Nebraska Art (https://monet.unk.edu/mona) is unique among art museums, dedicated exclusively to telling the story of Nebraska through the art of Nebraska. MONA exhibits the work of a distinguished and diverse collection of artists including pieces by Nebraska artists as well as artwork featuring Nebraska subjects by artists from all over the world. A Kearney landmark listed on the National Register of Historic Places, MONA provides a fitting home for its collection of over 6,000 works. Located in downtown Kearney, MONA is a regional center for cultural activities where students enjoy opportunities to broaden their academic experiences through their association with the Museum and its collection. Visitors enjoy MONA by attending exhibitions, special educational workshops, lectures, and musical performances. Web and distance education programming provide connections to the Museum beyond central Nebraska as well. With no admission fee and convenient parking, MONA is an artistic treasure readily available to all. For more information, visit MONA’s website: mona.unk.edu (https://monet.unk.edu/mona).

Planetarium and Observatory
These facilities are operated by the Department of Physics and Physical Science. They exist for three reasons:
1. to be used in the teaching of classes for both astronomy/astrophysics majors and the general student body,
2. to be used for research, and
3. to be used as outreach tools to provide astronomy education to Kearney and the surrounding areas.

The UNK Planetarium is one of the most modern star theaters in the region. The lobby of the planetarium features Nebraska’s only Foucault Pendulum. The pendulum provides a visual demonstration that the Earth rotates on its axis, as first used by Jean Bernard Leon Foucault at the Paris Observatory in 1851. The Zeiss ZKP4 projector provides a realistic view of the night sky, with the ability to move through time and move around the globe at will. Monthly scheduled shows are provided for the general public. The theater is also in frequent use providing shows for regional school classes and other public groups. Of course the theater is also used in teaching various science classes. The planetarium is handicap accessible.

The UNK Observatory is located on the roof of Bruner Hall. The roll-off roof installation provides access to the skies for the Meade 14” Schmidt-Cassegrain Telescope, as well as various smaller telescopes. The observatory provides imaging, photometry, and spectroscopy capabilities that can be used for research, teaching, and outreach. The observatory’s location on the roof means that it is not handicap accessible.

Speech, Language and Hearing Clinic
The Speech, Language and Hearing Clinic is the academic center for the B.S.Ed. degree program in Communication Disorders (p. 203) and the M.S.Ed. degree program in Speech/Language Pathology. It offers a site for the integration of professional coursework with extensive practical experience under direct faculty supervision for those students choosing this major.

The Clinic offers clinical services in consultation, evaluation, and treatment for students, faculty, and the general public. Services are available for both children and adults with communication disorders related to articulation/phonological problems, language delay, reading and writing challenges, stuttering, voice problems, hearing loss, cochlear implants, cleft palate, cerebral palsy, mental retardation, laryngectomy, and language disorders secondary to head injury and stroke. The Clinic is located in the west end of the College of Education Building. Clients may park in the lot coming directly off Hwy. 30 by the main doors to the clinic. The Clinic is open Monday through Thursday from 9 am to 5 pm, Friday from 9 to noon, and selected evenings.

Testing Center
The Testing Center, located in College of Education Building, provides Computer Based Testing and Paper/Pencil Testing for a wide array of areas. Our Computer Based Testing system delivers both linear exams (all items are presented in order) and adaptive tests (the computer uses the candidate’s response to each item to deliver subsequent items and ends when the computer is able to make a pass/fail determination).

Computer Based testing is offered year round, Monday through Friday, by appointment only. Paper/Pencil testing is conducted on specific published dates with pre-registration required. Study materials are available for certain programs.

The Testing Center services are available to all University of Nebraska students as well as students from surrounding Colleges and the general public.

The following Computer Based Tests are currently available through the Testing Center:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Test Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAMC</td>
<td>Association of American Medical Colleges (MCAT)</td>
</tr>
<tr>
<td>CLEP</td>
<td>College-Level Examination Program</td>
</tr>
<tr>
<td>GRE</td>
<td>Graduate Records Examination</td>
</tr>
<tr>
<td>NASD</td>
<td>Regular and Continuing Education</td>
</tr>
<tr>
<td>NBPTS</td>
<td>National Board for Professional Teaching Standards</td>
</tr>
<tr>
<td>NEINS</td>
<td>Nebraska Insurance</td>
</tr>
<tr>
<td>PRAXIS I</td>
<td>Professional Assessments for Teachers</td>
</tr>
</tbody>
</table>
The Walker Art Gallery

The Walker Art Gallery (https://art.unk.edu/walker-gallery) is dedicated to serving the students, faculty and staff of the Department of Art and Art History, the University campus community and the Kearney region, by presenting exhibitions of accomplished visual expression. Two such exhibitions are presented each academic year, drawn from regional as well as national sources. Each of these exhibitions is selected for its educational and inspirational value to the students, as well as artistic merit and intent. As a rule, exhibiting artists and designers lecture on their work, or offer gallery talks. In addition, one half of the standing permanent art faculty exhibits new work each year on a rotating basis.

The Walker Art Gallery devotes over half of its exhibition schedule to the UNK art students. There is an annual exhibition of student work deemed exceptional by the art faculty, and a series, each semester, of capstone senior exhibitions. The students are given the primary responsibility for the installation and deinstallation of their exhibitions, thus gaining invaluable practicum experience.

Additional Opportunities

The University of Nebraska at Kearney offers a variety of opportunities to supplement and enhance a student’s educational experience. Interested students should contact the appropriate office to determine if they meet the requirements for participation.

Graduate Degrees and Programs

The University of Nebraska at Kearney is accredited by The Higher Learning Commission¹ to offer the following graduate degrees: Master of Arts, Master of Arts in Education, Master of Athletic Training, Master of Business Administration, Master of Science, Master of Science in Education, and Education Specialist degree.

Students should check the appropriate section of the current Graduate Catalog for information regarding advanced degrees in an area of particular interest. The catalog is available on the Web at unk.edu/catalog/graduate (http://catalog.unk.edu/graduate).

The Specialist Degree is offered in Educational Administration, Counseling, and School Psychology. These programs are discussed in the General Requirements section of the Graduate Catalog and in the individual department sections.

Graduate coursework is offered by some departments which do not offer an advanced degree program. A student may select courses from these departments for personal enrichment, for transfer to another institution, or as part of an approved degree program.

For additional information, consult the UNK Graduate Catalog (http://catalog.unk.edu/graduate), or write or call:

Office of Graduate Studies (http://unkcms.unk.edu/academics/gradstudies)
University of Nebraska at Kearney
Warner Hall Room 2131
Kearney, NE 68849-1230
(308) 865-8500
(800) 717-7881
gradstudies@unk.edu

International Education

The Office of International Education (http://www.unk.edu/international) is an umbrella office for international activities at UNK, comprising the following:

- Community Outreach
- Curriculum Development
- English Language Institute (http://www.unk.edu/international/english-language-institute)
- International Alumni Outreach
- International Faculty Development
- International Faculty Hiring and Immigration Issues
- International Food Festival
- International Friendship Program (http://www.unk.edu/international/friendship-program)
- International Student Services (http://www.unk.edu/international/international-student-services)
- International Student Undergraduate Admissions (http://www.unk.edu/international/international-admissions)
- International Visiting Scholars
- James E. Smith Midwest Conference on World Affairs (http://www.unk.edu/international/World%20Affairs%20Conference)
- Linkages and Sponsored Programs
- International Study Abroad (p. 21)

Questions should be addressed to:

Office of International Education
Phone: (308) 865-8246
Fax: (308) 865-8160

International Study Abroad

The University of Nebraska at Kearney offers programs of study in more than forty-seven countries around the globe.
Pre-Professional Programs

The University of Nebraska at Kearney offers pre-professional preparation in a variety of fields. For more information regarding any of the pre-professional programs, a student should contact the chair of the appropriate academic department. A faculty advisor in these departments will be assigned to assist pre-professional students in their planning.

Pre-Professional Program | Department
---|---
Engineering Foundations 2+2 (for UNL) (p. 355) | Physics (p. 349)
Pre-Cardiovascular Perfusion (p. 417) | Health Science Programs (p. 413)
Pre-Chiropractic, Pre-Osteopathy, Pre-Podiatry (p. 418) | Health Science Programs (p. 413)
Pre-Medical Laboratory Science (p. 418) | Health Science Programs (p. 413)
Pre-Dental (p. 419) | Health Science Programs (p. 413)
Pre-Dental Hygiene (p. 419) | Health Science Programs (p. 413)
Pre-Health Information Management (p. 420) | Health Science Programs (p. 413)
Pre-Law (p. 371) | Political Science (p. 362)
Pre-Medical (p. 420) | Health Science Programs (p. 413)
Pre-Meteorology (p. 361) | Physics (p. 349)
Pre-Mortuary Science (p. 421) | Health Science Programs (p. 413)
Pre-Nursing (p. 421) | Health Science Programs (p. 413)
Pre-Occupational Therapy (p. 422) | Health Science Programs (p. 413)
Pre-Optometry (p. 423) | Health Science Programs (p. 413)
Pre-Pharmacy (p. 423) | Health Science Programs (p. 413)
Pre-Physical Therapy (p. 424) | Health Science Programs (p. 413)
Pre-Physician Assistant (p. 425) | Health Science Programs (p. 413)
Pre-Radiologic Technology (p. 425) | Health Science Programs (p. 413)
Pre-Veterinary Medicine (p. 181) | Biology (p. 171)

Specific information about Agriculture, Natural Resources, and Pre-Forestry administered by the Department of Biology (p. 171) cannot be specified in this catalog because the course requirements vary according to the requirements of the professional school selected by the student.

All UNK Undergraduate students are eligible to participate in year-long, semester-based, or short-term programs during the academic year, summer months, or during specific UNK break periods.

The goal of these many programs is to offer UNK Undergraduates an opportunity to gain international knowledge, develop cross-cultural communication skills, grow personally and professionally, and experience the world into which they will graduate. Credit hours earned overseas will be recorded at UNK as a part of the student’s regular transcript. Financial aid can also be applied toward many study abroad program offerings.

More information about opportunities for international study can be found at http://www.unk.edu/studyabroad/ or by contacting the Study Abroad Coordinator in the Office of Study Abroad (unkstudyabroad@unk.edu).

Publications

The Antelope Newspaper: The print edition of the newspaper is published weekly during the fall and spring semesters and published online weekly with breaking updates on a WordPress website at www.unkantelope.com. JMC 350 and JMC 352 students take staff for academic credit to build professional portfolios through reporting, editing, photography, audio, and video assignments. JMC 351 students design and sell both print and online ads to build their portfolios and advance professional skills. Paid staff includes managing editors for print, online, advertising, business, production, content, and design.

The Carillon is an undergraduate publication jointly sponsored by Sigma Tau Delta, the National English Honor Society, and by Phi Eta Sigma, the National Freshman Scholastic Honor Society. Its purpose is to encourage quality undergraduate writing at the University of Nebraska at Kearney. All students are encouraged to submit manuscripts.

Undergraduate Research Journal is an annual publication of scholarly writing by UNK undergraduates. About 15 articles are published each year, which are selected through a blind review process. The Journal provides a forum for students to publish particularly strong works which resulted from independent research or creative projects. For submission guidelines, see www.unk.edu/academics/undergraduate_research/undergraduate_research_journal.php.

The Honors Program

Conrad Hall 115
(308) 865-8702
www.unk.edu/honors

The Honors Program (p. 22) at the University of Nebraska at Kearney offers exceptional students the opportunity to excel in academic, leadership, and personal development during their undergraduate career. This four-year program enriches and supplements all academic majors at the University through special classes, an Honors learning community, scholarly projects (research and creative activity), study abroad, leadership development, and service learning.

The program is designed for students with high academic abilities and ambitions, offering a challenging experience in the Liberal Arts tradition. Specialized sections of Honors General Studies courses enhance student-faculty interaction, emphasize critical thinking in a seminar atmosphere, and increase opportunities for intellectual exploration. In addition to the course requirements described in the Honors Program Course Requirements (p. 23), Honors Students are expected to engage in other developmental opportunities described below in the Honors Program Pillars.

Admissions

First-time freshman may apply to the Honors Program after being admitted to UNK. This should be done in their Senior high school year. They should have an ACT score of 27 or higher, a grade point average of 3.75, and complete the on-line application including an essay and a letter of recommendation.

Students who do not meet the criteria above may apply to join the Honors program after completing one semester at UNK (12 credit hours or more). This should be done prior to registering for Fall classes of the sophomore year, which happens in the Spring semester of the freshman
year. These applicants should complete the on-line application (http://www.unk.edu/academics/honors/applications.php), and must include a letter of recommendation from one of their first semester instructors. Applicants must have a UNK GPA of at least 3.5.

Honors Program Learning Community
Honors students are allowed to live in a special residence hall, only for Honors Students. Living in a community of engaged, positive, high-ability students places individuals in an environment that supports academic achievement, campus involvement, and personal development. This learning community supports very high retention and graduation rates.

Honors Program Pillars
The Honors Program design includes four broad areas of activity to support the education and development of Honors Students. These areas of activity are referred to as "The Pillars" of the Honors Program. None of them are required, but each student should explore the various opportunities to craft an experience that best prepares them for their future.

Honors Students are required to keep an electronic portfolio throughout their undergraduate career to document activity in each of the areas.

Independent Scholarship
Students can work one-on-one with faculty experts to design and conduct their own scholarly projects (research and creative activity) outside of course requirements. Such experiences give students the opportunity to apply knowledge gained from coursework to novel problems, using the methods of their academic discipline.

Study Abroad
Students can spend time living and learning in another country to build their language skills, gain intercultural skills, and have experiences that will empower them in their professional and personal lives.

Community Service
Honors Students are individuals who will contribute talent and energy to make their future communities thrive. We expect them to develop the habits of active citizenship during their undergraduate career by working on an issue of importance to them.

Leadership Development
Honors Students who have ambitions to be leaders in their workplaces and communities can participate in programs that develop the skills to lead other in pursuit of common goals.

Honors Program Course Requirements
Minimum Honors credit hours for program = 18

The Honors Program offers a four-year academic program that requires students to complete eighteen credit hours of Honors courses. During the first four or five semesters (freshman/sophomore years), Honors students should complete 9 credit hours of Honors seminars from the Honors General Studies courses (p. 460). During the sophomore/junior/senior semesters, Honors students should complete 9 credit hours of 300-400 level courses as Honors Options (see Sophomore/Junior/Senior Requirements (p. 23) below).

Honors Courses within General Studies (p. 459)
Honors students should complete 9 credit hours (three classes) of Honors general studies courses. The Honors Program offers a different menu of general studies courses each semester. These are courses that meet the student’s general studies requirements, but the Honors sections are designed to emphasize critical thinking, discussion, and in-depth exploration of ideas. These sections are limited to Honors students. They can be identified by the H at the end of the course number (e.g instead of ENG 102, Honors students will see ENG 102H). The program offers an Honors Capstone class each semester, which we recommend Honors students select as their third Honors general studies course. These courses are numbered 388H.

The current listing of Honors general studies courses can be found here http://www.unk.edu/academics/honors/current-students/academics.php, but please note that this list changes each semester.

Honors Option Courses
Honors students must complete at least 9 credit hours (three courses) of Honors Options. Honors Option courses (H-Options) are 300 and 400 level courses that the Honors student chooses to take for Honors credit. To do so, the student will complete an additional project for the course, developed in consultation with the instructor before registering. Projects should be appropriate to the course and allow independent learning. After discussion with the instructor, the student should submit an H-Option contract (found on the Honors web site) and register for the course section designated with an H. Please note that a student is not limited to courses that appear with an H in the course offerings; the student should select an appropriate course and the Honors Program will create the H section if necessary.

Senior Study
Honors students must submit a Senior Study prior to graduation (November 1, April 1, and July 1, corresponding to commencement dates). A Senior Study is a scholarly project that the student has completed as part of their undergraduate education. The preferred choice is a scholarly paper produced as part of an independent research or creative work experience. Students may also submit papers written for H Option requirements, or other substantial scholarly papers. Students are encouraged to discuss their Senior Papers with Honors Program staff to ensure an appropriate selection. More information can be found at http://www.unk.edu/academics/honors/current-students/academics.php.

Undergraduate Research & Creative Activity
Independent research and creative activity allows students in all disciplines to take knowledge and skills learned in the classroom and apply them to original scholarly projects. Working closely with faculty experts, students can engage in the academic enterprise in a way that develops critical thinking, project management, and communication skills that will be valuable in a lifetime of learning.

The Office of Undergraduate Research & Creative Activity facilitates several opportunities for students to engage in research and creative projects, including Student Research Day, the Undergraduate Research Fellows Program, the Summer Student Research Program, and the Undergraduate Research Journal, with funding from Undergraduate
Colleges

Research Grants as well as coordination of travel to and presentation at the National Conferences on Undergraduate Research.

For additional information, contact the Office of Undergraduate Research & Creative Activity:

Office of Undergraduate Research & Creative Activity
University of Nebraska at Kearney
Conrad Hall 115
Kearney, NE 68849-1230
(308) 865-8702
www.unk.edu/ugr (http://www.unk.edu/ugr)

Colleges

Undergraduate degrees at UNK are offered through three undergraduate colleges: the College of Arts and Sciences (http://www.unk.edu/academics/arts-and-sciences), the College of Business and Technology (http://www.unk.edu/academics/bt), and the College of Education (http://unkcms.unk.edu/academics/coe).

The faculty members of the Colleges generally determine and govern their programs, including special admission requirements and degree requirements.

The College of Arts and Sciences is the intellectual foundation of the University of Nebraska at Kearney, offering students a first-rate liberal arts education in the arts, humanities, natural and social sciences.

The other two Colleges—the College of Business and Technology and the College of Education—primarily offer professional degree programs. The College of Education has special admission requirements. The following are brief descriptions of the goals and missions of each of the Colleges.

College of Arts and Sciences

Ryan Teten, Dean

The College of Arts and Sciences (http://www.unk.edu/academics/arts-and-sciences) participates fully in the traditional missions of teaching, research, and service. The curriculum provides students with an artistic, scientific and humanistic perspective which is necessary for an excellent liberal arts education. Students in the College are encouraged to develop habits of critical thinking, to value academic rigor, to appreciate the complexity and diversity of the human condition and the world around them, and to develop a base of knowledge that will allow them to be successful and responsible members of the community. The College’s commitment to excellence in teaching is complemented by its commitment to scholarship. The College takes great pride in providing opportunities for students to participate in an undergraduate research experience as part of their education. Faculty and students in the College engage in research and other scholarly activities to generate knowledge, to learn and practice their chosen professions, to be current in their disciplines, and to create a stimulating learning environment. The overarching goal of the College is to provide students with the best and most challenging education possible.

The College of Arts and Sciences represents sixteen departments and three programs. These include the departments of Art and Design (p. 154), Biology (p. 171), Chemistry (p. 181), Communication (p. 190), Criminal Justice (p. 208), English (p. 229), Geography (p. 245), History (p. 252), Mathematics and Statistics (p. 310), Modern Languages (p. 317), Music, Theatre and Dance (p. 326), Physics and Astronomy (p. 349), Political Science (p. 362), Psychology (p. 372), Social Work (p. 382), Sociology (p. 385), and programs in Health Sciences (p. 413), International Studies (p. 428) and Philosophy (p. 442).

College of Business and Technology

Tim Jares, Dean

The College of Business and Technology (http://www.unk.edu/academics/bt) provides value to Nebraska by preparing our diverse student body to compete in dynamic professional environments and by promoting academic, social, technological, and economic development. The faculty and staff achieve this mission by:

• Providing student-centered educational opportunities including experiential learning;
• Advancing knowledge through applied and pedagogical scholarship;
• Providing service to our stakeholders.

The faculty and staff are dedicated to providing students with rich experiential learning opportunities, including internships, student research, and consulting on real-world projects. The College provides a dedicated Career Center and two internship directors to assist students in professional development and career planning. There are six departments in the College, including Accounting, Finance, and Economics (p. 147), Cyber Systems (p. 214), Family Studies (p. 241), Industrial Technology (p. 262), Management (p. 294), and Marketing, Agribusiness, and Supply Chain Management (p. 302). Four outreach centers provide support and service to stakeholders throughout the region, including the Center for Rural Research and Development (http://unkcms.unk.edu/academics/crrd), the Nebraska Business Development Center (http://www.unk.edu/academics/nbdc), the Center for Economic Education (p. 147), and the Nebraska Safety Center (http://www.unk.edu/offices/safety_center). The College of Business and Technology also hosts UNK’s Military Science Program (p. 435).

College of Education

Grace Mims, Interim Dean

The College of Education (http://unkcms.unk.edu/academics/coe) provides programs to prepare educators as well as professionals in the speech pathology, community counseling, sports, fitness, recreation and tourism fields. Programs of study have been developed in consultation with advisory committees to meet state and national standards. The faculty is committed to providing quality instructional programs, serving schools and communities. Professional education programs leading to initial certification are designed to develop each student’s knowledge, skills and dispositions related to specific endorsement areas. All programs within the College of Education are committed to preparing morally responsible professionals for a social and political democracy. Our Desired Outcomes for graduates focus on knowledge, skills and dispositions and a commitment to the infusion of technology, diversity and democratic principles.

UNK offers undergraduate programs for the preparation of early childhood, elementary, middle level, secondary, special education and K-12 teachers. Master’s degree programs are offered in curriculum and instruction, special education, instructional technology, elementary and secondary administration, speech-language pathology, school counseling and reading. Specialist programs in school psychology and educational administration are also offered.
The College prepares professionals in sports management, recreation, exercise science, athletic training, and travel and tourism. A Master’s degree program is offered in community counseling and in speech language pathology.

There are five departments in the College: Communication Disorders (p. 203), Counseling & School Psychology (p. 207); Educational Administration; Kinesiology and Sport Sciences (p. 276); and Teacher Education (p. 390). The Educator Certification Office (http://www.unk.edu/academics/certification), a student support center for educators, is also part of the College of Education.

**Degrees**

The University of Nebraska at Kearney is authorized to confer the following baccalaureate degrees:

- Bachelor of Arts (p. 25)
- Bachelor of Science (p. 26)
- Bachelor of Fine Arts (p. 25)
- Bachelor of Arts in Education (p. 25)
- Bachelor of Science in Education (p. 25)
- Bachelor of Music (p. 26)
- Bachelor of General Studies (p. 25)

The degrees in education are designed to prepare the student for entry into the profession of teaching.

*For Graduate Degrees, see the Graduate Catalog (http://catalog.unk.edu/graduate).*

**Bachelor of Arts**

1. All General Studies (p. 459) and general graduation requirements (p. 27) must be met.
2. Foreign Languages (p. 317)
   A. Complete two intermediate or upper level college courses or equivalent competency in a foreign language. **OR**
   B. Students who are admitted to UNK with the Core Requirement of 2 units in the same foreign language completed in a U.S. high school and provide a copy of their high school transcript to their faculty advisor and the Registrar’s Office, may choose to meet this language requirement by completing two introductory courses (100 and 101, 6 credit hours) in a single language different than the one taken in high school. Students entering UNK without completing the Core Requirement in high school are not eligible for this option. **OR**
   C. International students, whose native language is not English, may complete six credit hours of English Literature coursework in lieu of the Foreign Languages requirement.
3. Major Program
   A. Students must complete a Degree Plan that consists of the following: i. A major program consisting of 30-36 credit hours and a minor program consisting of 18-24 credit hours. Duplication of coursework between the two is limited to eight (8) credit hours. **OR**

ii. A major program consisting of 30-36 credit hours and a second major of 30-36 credit hours. Duplication of course work between the two is limited to eight (8) credit hours.

B. Additional minors beyond the Degree Plan described above will be allowed contingent upon the following:
   i. If the additional minor(s) is(are) from a department in the Degree Plan, the additional minor(s) must have twelve (12) credit hours of unduplicated coursework.
   ii. For minor(s) from departments different from those in the Degree Plan, there is no limit of duplication.
   iii. For the purpose of this rule, all business departments will be considered a single department.

4. Specific program requirements and major-minor requirements are detailed in the Departments and Programs of Study (p. 145) section in this catalog. Students should consult their advisors and/or department chairs.

1 Students with multiple majors must select this option. Each additional major beyond the first two is limited to eight (8) credit hours of duplication with the original degree plan. Students with multiple educational endorsements must meet the requirements of each endorsement without regard to duplication.

**Bachelor of Arts and Bachelor of Science in Education**

1. General graduation requirements (p. 27) must be met.
2. All General Studies (p. 459) requirements must be met. Program listings include specific General Studies requirements.
3. Students must complete one field endorsement or one subject endorsement.
4. Students must complete the professional sequence (p. 404) of 23-25 credit hours.
5. Students must be admitted (p. 409) to all Teacher Education programs.

**Bachelor of Fine Arts**

1. All General Studies (p. 459) and general graduation requirements (p. 27) must be met.
2. The Bachelor of Fine Arts degree, with a comprehensive major in the discipline, is a program of study offering the greatest preparation within the subject area. The BFA degree is a professional degree to prepare the dedicated student of the arts with a sound background in the philosophy of art, and afford the student an opportunity to specialize in the creative/performance area of his/her choice. The BFA degree is also designed for those who intend to pursue the Master of Fine Arts degree.
3. Those who choose the BFA program and also wish to obtain certification for teaching (p. 390) at the elementary, middle school, or secondary levels must complete the education requirements in the appropriate discipline, plus the College of Education (p. 409) requirements, in addition to the BFA requirements.

**Bachelor of General Studies**

The Bachelor of General Studies is an interdisciplinary program. It should not be confused with the General Studies Program (p. 459), which is a required component in all undergraduate degree programs.
1. All general graduation requirements (p. 27) must be met.
2. All UNK General Studies Program (p. 459) requirements must be met.
3. A Distribution requirement of 45 semester credit hours must be met.
4. Students must complete a Capstone requirement of 2-6 credit hours, in addition to electives to total 120 credit hours.
5. No more than a total of 6 semester credit hours may be used to meet both the General Studies and the Distribution requirements.
6. At least 30 of the 45 Distribution credit hours must be upper division courses with 300 or 400 numbering. At least 15 of these upper division credit hours must be UNK credit hours.
7. Students must have at least a 2.5 GPA in each of the Distribution areas.
8. Individual programs must be approved by the designated Bachelor of General Studies advisor.

**Bachelor of Music**

1. All General Studies (p. 459) and general graduation requirements (p. 27) must be met.
2. The Bachelor of Music degree is a comprehensive professional degree designed to provide students with the greatest preparation for music careers in a variety of specialized areas of study. The BM degree is also designed for those who intend to pursue the Master of Music degree.

**Bachelor of Science**

1. All General Studies (p. 459) and general graduation requirements (p. 27) must be met.
2. All Science related course requirements must be met.
3. Major Program
   A. Students must complete a Degree Plan that consists of the following:
      i. A major program consisting of 30-36 credit hours and a minor program consisting of 18-24 credit hours. Duplication of coursework between the two is limited to eight (8) credit hours.
      OR
      ii. A major program consisting of 30-36 credit hours and a second major of 30-36 credit hours. Duplication of coursework between the two is limited to eight (8) credit hours.¹
      OR
      iii. A comprehensive major of 42-62 credit hours.
   B. Additional minors beyond the Degree Plan described above will be allowed contingent upon the following:
      i. If the additional minor(s) is(are) from a department in the Degree Plan, the additional minor(s) must have twelve (12) credit hours of unduplicated coursework.
      ii. For minor(s) from departments different from those in the Degree Plan, there is no limit of duplication.
      iii. For the purpose of this rule, all business departments will be considered a single department.
4. Specific program requirements and major-minor requirements are detailed in the Departments and Programs of Study (p. 145) section in this catalog. Students should consult their advisors and/or department chairs.

**B.S. Science-Related Course Requirements:** Courses listed under the category of BS science-related course requirements must meet the following standards:

- No program shall be required to add BS science-related courses. If a program currently has or proposes to add BS science-related course requirements, the maximum number of credit hours that it will be permitted to require is 8 (two lab courses).
- BS science-related course requirements must not be offered by the same department that houses the BS degree.
- BS science-related course requirements may only include courses in which students learn or apply the scientific method of conducting research or solving problems. Typically, this definition applies to courses in math, statistics, or science (natural or social); and BS degree programs are free to determine which math, statistics, or science course/s are suitable requirements for their majors. If a program seeks to require, as BS science-related course requirements, any course/s other than math, statistics, or science, the proposal to alter or create an academic program must explain how the course/s teach students the scientific method of conducting research or solving problems.

1. Students with multiple majors must select this option. Each additional major beyond the first two is limited to eight (8) credit hours of duplication with the original degree plan. Students with multiple educational endorsements must meet the requirements of each endorsement without regard to duplication.

**Graduation Procedures**

1. Application for a degree must be made either through the Student’s MyBLUE account or at the Office of Student Records and Registration.
2. Students must have all degree requirements completed prior to participating in a commencement ceremony.
3. A student planning to graduate in December must make application no later than September 15; one planning to graduate in May must make application no later than February 1; and one planning to graduate at the end of the summer session must make application no later than June 15.
4. Students applying on or before the above deadlines will be assessed a $25 Graduation Fee. Applications received after the above dates and until October 7 for Fall commencement, February 15 for Spring commencement and June 30 for summer will be assessed a $40 Graduation Fee. Students wishing to apply for graduation after the second deadline must appeal to a review board consisting of the Senior Vice Chancellor for Academic and Student Affairs and the College Dean.
5. All incomplete grades and all academic obligations outside of the term’s work must be resolved prior to the date of graduation or other arrangements must be approved by the Office of Student Records and Registration to allow the student to continue with the graduation process. A student must be enrolled in all remaining course work required for the degree in order to be considered for graduation. If all degree requirements are not completed by the anticipated graduation date, then the student must re-apply and again pay the $25 fee in order to graduate.
6. All financial and procedural obligations to the institution must be met in order for the degree to be awarded. Students with outstanding requirements will be notified of such holds and the degree will not be granted until the obligations are cleared. Students who fail to resolve
all obligations will be removed from graduation and must reapply for a future graduation date.

7. Participation in Commencement and/or receipt of the diploma DO NOT indicate that a degree has been granted. Only after final grades for the semester have been processed and reviewed and compliance with all academic regulations has been determined, will the actual degree be posted to a student’s transcript. The transcript is the official record of the awarding of a degree.

Institutional Requirements

1. For students matriculating at UNK during fall 2012 or thereafter, a minimum total of 120 semester credit hours must be earned, of which 40 credit hours must be in 300 or 400 (Junior/Senior) level courses. Such courses must be taken at a four-year college or university. Courses with numbers lower than 100 will not count toward any degree program.

2. A minimum of 32 semester credit hours applicable to the selected degree program must be earned through UNK.

3. Correspondence study applicable to any undergraduate degree is limited to a maximum of 12 semester credit hours, regardless of source or institution awarding the correspondence course credit.

4. Graduation is dependent upon a minimum grade point average (GPA) of 2.0 "C" considering all courses taken at any University of Nebraska campus. This minimum GPA must also be earned in all courses needed to fulfill competency requirements within a comprehensive major, or within the major and minor programs of study, or within the endorsement areas in teacher education programs. Individual departments, however, may establish higher minimum standards.

5. Students must complete a minimum of 45 credit hours of General Studies courses (p. 460) and must complete all requirements for their major/minor and endorsement areas.

6. Students who have completed an undergraduate degree and wish to earn a second different bachelor's degree may do so only upon completion of 30 additional credit hours beyond the minimum required for the first degree.

7. Since all degrees require at least one mathematics course, it is strongly recommended that students start taking their mathematics courses (p. 460) no later than the second semester of their freshman year.

8. The catalog in effect at the time of initial enrollment determines degree requirements. Students must fulfill the requirements stated in that catalog or they may elect to substitute the requirements in any subsequent catalog published while they are enrolled at UNK. All requirements for a student’s program of study must be from a single catalog.

9. If a student takes longer than five calendar years to complete a degree, UNK reserves the right to require the student to meet the most recent requirements for graduation. Curriculum changes or modifications require that all new program requirements be met regardless of course work previously completed.

Admissions

Admissions Information

The University of Nebraska at Kearney seeks to make provision for personal and social needs as well as to promote students’ intellectual development in harmony with their ability, level and interests. Students may be granted admission for either regular semester or for the summer session. All students seeking admission for enrollment in degree programs must complete the application for admission and submit the related documents before admission can be determined. All materials become the property of UNK and are not returned.

Admission may be invalidated on the basis of erroneous information willfully submitted, or if the facts required in the application process are intentionally concealed or omitted.

The Office of Admissions receives and processes all domestic undergraduate applications and transcripts, and issues acceptance notification. Correspondence concerning admissions may be directed to:

Office of Admissions
University of Nebraska at Kearney
2510 11th Ave
Memorial Student Affairs Building
Kearney, NE 68849
Email: admissions@unk.edu (bealoper@unk.edu)
Phone: (308) 865-8526
FAX: (308) 865-8987

Check out our Web site: www.unk.edu/admissions (http://www.unk.edu/admissions)

Admission of International Students

Qualified students from other countries are welcome to apply for admission to the University of Nebraska at Kearney. UNK prides itself on our safety, prestige of academic quality, and a community of support that helps all students be successful both in and out of the classroom.

Inquiries concerning international student admission may be directed to International Admissions (undergraduate students) or Graduate Admissions (graduate students), University of Nebraska at Kearney.

International students must complete the below steps at least four months prior to anticipated enrollment date in order to allow for adequate processing time:

1. Complete the online International Student Application form.

2. Submit official, original verification of finances reflecting liquid funds to equal or exceed the cost of one year of study at UNK.

3. Demonstrate competency in the English language. Students from non-English speaking countries are required to submit one of the following:
   - TOEFL Internet Based 61
   - IELTS 5.5
   - PTE (Pearson Test of English) Overall Score of 51
   - Common European Framework (CEFR) B2 or higher
   - Cambridge English Language Assessment B2 or higher
   - ACT 20
   - SAT 1030
   - Exemptions from the English Language Proficiency policy are described here (http://www.unk.edu/international/international-admissions/Prospective%20International%20Students/admission-requirements.php).

4. Submit an original certificate of completion/graduation or a diploma from a high school indicating the date of graduation and a transcript showing classes taken to achieve the diploma. The transcripts must show courses taken, dates of attendance, and be translated into English.
5. Students who have attended a foreign university/college must provide an official transcript from the institution reflecting all courses attempted and grades received.
   a. Any student who has earned credits at a foreign college or university and wish to have their credits considered for transfer must follow these procedures (p. 30).
6. Students currently attending a U.S. college or university and wish to transfer to UNK must submit a transfer authorization from their current U.S. institution in addition to the above requirements.

Issuance of the Certificate of Eligibility, Form I-20, or Form DS-2019, will be made only upon completion of all admission requirements. It is the responsibility of the applicant to make all necessary arrangements through official channels for entrance into the United States.

International students at UNK are required by federal and state laws to maintain health insurance while studying in the U.S.

- F-1 eligible international students who are enrolled and actively engaged in a program of study are required to purchase the UNK student health care plan. F-1 international students are automatically enrolled for student coverage each semester that they are enrolled. The cost for the insurance will be added to the student’s tuition bill for the semester.
- J-1 international students must enroll in the UNK student health care plan or purchase insurance through a preferred provider for the University of Nebraska. Please contact International Student Services for additional information concerning preferred providers at intlinserv@unk.edu.

USCIS regulations require all international students to enroll full-time while pursuing a degree at the University. Undergraduate students must enroll for a minimum of 12 credit hours per semester. Graduate students must enroll for a minimum of 9 credit hours per semester. No more than 3 on-line credit hours per semester may count toward full-time enrollment. Failure to comply with this regulation will result in termination of legal student status.

### Admission of Non-Degree Students

A special classification of non-degree is provided for those students who have no immediate intent of pursuing a degree program. Such a classification is intended to enhance the enrollment of students, over 19 years of age, seeking course work for reasons other than pursuing a bachelor’s degree at the University of Nebraska at Kearney.

A maximum of 16 semester credit hours in non-degree student status may apply toward a degree.

### Admission of Second Bachelor's Degree Students

Students wishing to pursue a second bachelor’s degree must submit an application for admission, the $45 non-refundable application fee and official transcripts sent directly from the institution that granted their undergraduate degree.

### Admission of Transfer Students

Students that have graduated from high school and are currently taking/attempting college credits or have a military transcript are considered transfer applicants. A complete application must be submitted before any decision will be made concerning the admissibility of the applicant, as well as the evaluation of transfer credit.

### Requirements

Students may not omit or disregard any part of a previous college record, whether part or full-time, with or without degree objectives, whether or not credit has been granted, or whether or not they desire to transfer credit. Failure to disclose a complete collegiate record may result in dismissal from UNK.

For admission to the University of Nebraska at Kearney, transfer students must:

1. Be a graduate of a regionally accredited high school or have completed the equivalent academic training (GED).
2. Prospective students should be eligible to return to the institution last attended. Those who have been suspended or dismissed from other colleges or universities for personal or academic reasons may not be considered for admission until they are eligible to return to their previous institution. The official record should contain evidence of honorable dismissal from the last school attended.
3. Be in good standing at your previous institution(s) and have a 2.0 or above GPA. All course work below the level of “C” will be considered unsatisfactory and nontransferable.
4. If you have completed 24 or more transferable credit hours from a regionally accredited collegiate institution following high school graduation, you are considered to have met the high school core course requirements that are required for admission. The Office of Records and Registration will determine the number of acceptable “transferable” credit hours from your previous college(s).
5. If you have completed fewer than 24 credit hours of transferable coursework from a regionally accredited collegiate institution following high school graduation you must meet the high school core course requirements. These cover the areas of English (four years), math (three years), social studies (three years), foreign language (two years, same language), and an elective (one year).
6. Transfer students from any of the other University of Nebraska campuses who desire to make a permanent change to UNK must complete an application for admission and a “change of campus” form to have their records transferred to UNK.
7. All visiting students from any of the University of Nebraska campuses must submit a completed "Inter-Campus" application form. Students on suspension from another campus are not eligible to enroll.
8. Transfer students are required to submit a completed Student Health Record (provided in a special mailing) which must include results of a recent physical exam and month and year dates of all child and adult vaccinations. See Health Services information for more specific instructions.
9. For students entering UNK as Intercampus or Change of Campus students from another campus of the University of Nebraska, all holds for financial or disciplinary reasons must be cleared before the student will be admitted.
   - Each campus will honor the holds placed on students by the other campuses.
   - Students will need to work with the campus which placed the hold to get it resolved.
Staff from the respective campuses will work at keeping lines of communication open to help students resolve the issue. The hold will be removed by the campus which placed the hold.

This agreement applies only to holds regarding discipline and financial matters.

**Admission Procedure**

Transfer students shall submit the completed application for admission with the admissions application fee. In addition, the following procedures shall be completed:

- **College Transcripts** - One official transcript from each college attended must be submitted even though no credit may have been earned at an institution. Work summarized from several colleges on one transcript is not acceptable.

- **High School Transcript** - This record is required from all transfer students. The University of Nebraska at Kearney accepts and encourages sending official high school transcripts using eTranscripts.

**When to Apply**

Transfer students should submit their application no later than four weeks prior to the beginning of the term in which admission is requested. A Work in Progress Report may be requested to support the application when a student is currently enrolled at another institution.

**Admission Procedures for All Entering Freshmen**

A freshman student must complete the following requirements:

1. **Application Form** - Complete an online application (http://www.unk.edu/admissions) for admission with $45.00 non-refundable application fee.

2. **Entrance Tests** - UNK requires all new students to complete either the ACT or SAT test and have that score reported to the Director of Admissions, University of Nebraska at Kearney. High school juniors and seniors must take the ACT or SAT test and list UNK (ACT College Code 2468, SAT Code 6467) as one of their college choices. The student applies for admission by completing the online admission application, application fee, and high school transcript of grades.

3. **Transcripts** - Applicants must submit one high school transcript at the time of application reflecting at least six (6) semesters of high school work. A final transcript reflecting high school graduation is required. The University of Nebraska at Kearney accepts and encourages sending official high school transcripts using eTranscripts.

4. **Copy of Senior Year Class Schedule**

5. **Physical Exam/Vaccinations** - Required health form (provided in a special mailing) should be completed and returned to Student Health Services. See Student Health and Counseling (SHC) (p. 473) for more specific instructions.

6. **Housing Application** - A first-time freshman, single, under 19 years of age, and not living at home must complete a contract and return it with a $50 non-refundable application fee to the Director of Residence Life (p. 473), University of Nebraska at Kearney. Any special housing arrangements for freshmen must be cleared through the Director of Residence Life.

**Note:** New entering freshmen will attend a one-day New Student Enrollment (p. 31) program to be advised and registered for Fall classes. New Student Enrollment registration materials will be mailed approximately March 1. A more comprehensive Fall Orientation will occur later in the summer, approximately the start of the Fall semester. Details about the Fall Orientation program will come from the office of the First Year Program.

**When to Apply:** Currently enrolled high school students should apply between the beginning of their senior year and four weeks prior to the start of the term in which they are seeking admission.

Individuals who have completed high school should submit their application at least four weeks prior to the start of the term in which they wish to be admitted. Students seeking various forms of financial aid (p. 446) should submit their application for admission as early as possible.

For the convenience of new students attending a Summer Session, UNK has an Open Admissions policy which does not require students to meet full admission criteria. The application form and admissions application fee must be submitted prior to registration. However, PRIOR to their next registration (for a Fall or Spring Semester), these students MUST apply for official admission to UNK through the Office of Admissions.

**Admission Requirements**

The following outlines UNK admissions requirements for first-time entering freshmen and transfer students. The requirements do not pertain to international applicants, readmissions and non-degree students.

**Assured Admission**

In addition to graduation from an accredited high school, or equivalent, all students seeking entry to the University must have successfully completed a core of selected high school courses spread over a number of disciplines. Additionally, students are required to meet performance criteria by ranking in the top half of their graduating high school class OR must meet certain performance criteria, based on scores from ACT or SAT national examinations. The entrance requirements incorporate a process for admitting students who do not meet one or more of the admission criteria, yet show promise of academic success.

**Core Course Requirements**

The core course requirements are summarized in the following broad areas of subject matter in which one unit represents one full year of study:

<table>
<thead>
<tr>
<th>Subject Matter</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language</td>
<td>2 in the same language</td>
</tr>
<tr>
<td>Any academic elective</td>
<td>1</td>
</tr>
</tbody>
</table>

Academic courses at each Nebraska high school have been evaluated. Courses that meet the University’s criteria are listed by high school (http://admissions.unl.edu) at admissions.unl.edu/ (http://admissions.unl.edu).
Performance Requirements
In addition to meeting the above core course requirements, students seeking admission to the University on any campus, shall:

- Be ranked in the 50th percentile or higher of their graduating class in an accredited high school

OR

- Have received an ACT composite score of 20 or greater

OR

- Have received an SAT total score of 1030 or greater.

Admission of Conditional Students
Applicants who do not qualify for assured admission by meeting all entrance criteria may appeal to be considered for admission to the University on the basis of special merit. The student must submit a letter of appeal along with three letters of recommendation:

1. from the high school principal or guidance counselor,
2. from an English teacher, and
3. from a math or science teacher.

If the appeal is successful, the student will be conditionally admitted. This status may require the student to participate in an academic program of study that specifies the course work to be taken as well as other designated support activities provided by selected faculty and staff.

Home-Schooled Students
Submit the Application for Admission and the $45.00 non-refundable application fee. Submit a copy of your high school transcript that includes grades earned in courses each term, cumulative GPA, and the signature of your homeschool administrator. If applicable, submit any official transcripts reflecting any high school or post-secondary work completed. ACT/SAT scores are also required. Home-schooled students admitted without completing all 16 core course requirements will be required to successfully complete an approved college-level course in each deficiency within the first 48 credit hours of enrollment at UNK.

Admissions Application Fee
A $45.00 non-refundable application fee will be assessed for undergraduate students who seek admission to any campus of the University. Undergraduate applicants not enrolling will be allowed two full years to request reactivation or change in term of admission without paying an additional fee. Intercampus registrations, change of campus transfers and requests for readmission are not subject to admissions application fee assessment. Make checks or money orders payable to the University of Nebraska at Kearney. Do not send cash.

Armed Services
A maximum of 4 semester credit hours is awarded for Basic Training upon receipt of the DD-214 form (military separation papers). Additional semester credit hours may be awarded for advanced military education as recommended by the American Council on Education Guide.

Early Entry/Dual Enrollment
The University of Nebraska at Kearney encourages high school students whose maturity, achievement, aptitude and goals warrant special consideration to seek early entry. The program provides an accelerated educational opportunity with UNK credit being granted. Acceptance is contingent upon a recommendation from a high school official. Students seeking early entry must complete the Application for Undergraduate Admission (http://www.unk.edu/admissions/apply.php) and submit the admissions application fee of $45.00. Early entry students may enroll for a maximum of eleven credit hours per semester and a total of 30 semester credit hours prior to completion of their high school requirements.

Fall Orientation
Blue & Gold Welcome
Prior to the beginning of classes, first year students are required to participate in a schedule of interesting and informative events that will assist their transition into student life at the University. Events and presentations will help students to find a sense of belongingness and Loper pride as well as academic independence at UNK. Presenters throughout Blue Gold Welcome include UNK staff and faculty, thus allowing students to not only meet the people who will be assisting them with a successful university experience, but who will also be equipping them with the tools necessary to flourish. Additional information can be obtained by calling the First Year Program at (308) 865-8291, or by going to the First Year Program or Welcome website, www.unk.edu/welcome, or www.unk.edu/firstyear.

International Colleges and Universities
Students who attended an international university or college and who wish to have their credits considered for transfer to UNK, must provide to the Office of Student Records and Registration:

1. An official transcript from the institution reflecting all courses attempted and grades received.
2. A professional credential evaluation completed by a member of the National Association of Credential Evaluation Services (NACES). See www.naces.org (http://www.naces.org) for a complete list of member agencies or contact the Office of Student Records and Registration for an approved list.
3. Complete course descriptions for each course to be considered for transfer.
4. Other information regarding previous educational experience, as requested.

The Office of Student Records and Registration will work with appropriate academic departments to evaluate credits for transfer when all documentation has been submitted. Evaluations will only be done for students who have been fully admitted into a degree seeking program at UNK.

National Student Exchange Program
The University of Nebraska at Kearney participates in the National Student Exchange which is a consortium of nearly 200 state-supported colleges and universities. UNK students can attend, for up to one
academic year, an institution of higher learning in another area of the United States. In bringing together students from different parts of the country, the program encourages participants to broaden their academic, social and cultural awareness. Credits are recorded back at the home campus as a part of the student’s regular transcript.

To qualify, a participant must:

1. be a full-time student;
2. have at least sophomore standing during the exchange; and
3. have a minimum cumulative GPA of 2.5.

For more information about this opportunity for educational travel and study in a new environment, contact the National Student Exchange Program Coordinator, Office of Admissions (BeALoper@unk.edu).

New Student Enrollment
Admitted students beginning their academic career at UNK will find pertinent information at the required one-day New Student Enrollment. Students’ parents are also encouraged to participate in the day’s activities to learn about UNK’s academic expectations and methods to maintain academic success. Admitted students will meet one-on-one with skilled academic advisors to select classes and register for the fall semester. Reservations can be made with the Office of Admissions, (308) 865-8526 or 1-800-KEARNEY or online at www.unk.edu/nse (http://unk.edu/nse).

Readmission of Former Students
Students who have not been enrolled at the University of Nebraska at Kearney within the last two years are required to apply for readmission through the Office of Admissions. Application should be made at least four weeks prior to the beginning of the term to which readmission is requested. Students who have attended UNK at any time within the last two years and who wish to enroll in classes may register for classes according to the scheduled registration times posted at www.unk.edu/offices/registrar/academic_policies_handbook/Registration_Times.php. For more information, contact the National Student Exchange Program Coordinator, Office of Admissions (BeALoper@unk.edu).

Residence Classification for Tuition Purposes

General
The statutes of Nebraska provide that all state educational institutions shall charge nonresident tuition for each nonresident of Nebraska who matriculates at any state institution. Nonresident status is determined in accordance with these statutes and current institutional policies, and is based upon evidence provided in the application for admission and related documents. Additional written documents, affidavits, verification or other evidence may be required as deemed necessary to establish the status of any applicant. The burden of establishing exemption from nonresident tuition is the responsibility of the student. Erroneous classification as a resident or willful evasion of nonresident tuition may result in disciplinary action as well as payment of required tuition for each semester attended.

Change of Residency Status
A student may apply for reclassification as a resident by completing a University of Nebraska "Application for Residence Classification for Tuition Purposes." (http://www.unk.edu/academics/gradstudies/admissions/grad-files/Grad%20Files/Residency%20Form%2011-2013.pdf) A student classified as a resident but who becomes a nonresident as provided by the statutes shall notify the Director of Admissions of such change promptly. Residency status may be challenged when there are found to exist circumstances indicating a change of legal residence. Any sanctioned change of classification from nonresident to resident will not be made retroactive beyond the period in which the change is approved.

Transfer of Credit

1. Only original, sealed transcript(s) from each college/university (accredited as a post-secondary institution by the Higher Learning Commission or other similar regional agencies) previously attended will be considered by the Registrar's Office for the award of transfer credit.
   Transcripts from nonaccredited institutions, technical-trade schools, proprietary schools, industry-sponsored schools are reviewed by the UNK academic departments offering courses similar, if any, to the courses stated on the transcripts. The UNK academic departments recommend to the Registrar's Office which courses or combination of courses, if any, to accept in transfer, the semester credit hours to award, and the course equivalency, if any, at UNK. UNK reserves the right to require successful completion of specific UNK courses and/or up to two semesters of UNK course work before considering/granting transfer credit from such institutions.
2. Credit hours earned with a minimum grade of "C" at institutions outside of the University of Nebraska will be accepted in transfer. All grades and credit earned at any campus of the University of Nebraska since July 1, 1991, will be transferred to UNK and applied to the student’s University grade point average.
3. All credit hours transferable are converted to semester credit hours (e.g., one quarter hour equals 2/3 of a semester credit hour).
4. Grades earned at institutions outside the University of Nebraska do not become a part of the student’s UNK cumulative grade point average.
5. Total semester credit hours transferred from each institution previously attended are recorded on the student's UNK transcript. (Note: A maximum of 66 semester credit hours may be transferred from two-year junior or community colleges.)

6. UNK does not issue copies of another institution's transcript.

7. Applicability of courses (for which credit hours are transferred to UNK) is determined by:
   a. UNK Registrar's Office - General Studies Program;
   b. UNK academic departments - majors/minors/teaching endorsements.

8. Credit awarded at another college or university for course work completed in a nontraditional manner, e.g., through Advanced Placement programs (CEEB), proficiency tests (CLEP or comprehensive examinations administered by an academic department), or personal experience, must be validated by the UNK Registrar's Office and/or appropriate UNK academic departments. That is, such credits do not transfer automatically, and the student must furnish official score reports, etc., for consideration. (CLEP score requirement: 50th percentile or better for UNK to award credit. Credit awarded for CLEP subject examinations only. UNK does not award credit for CLEP general examinations.)

Courses A-Z

Accounting (ACCT)

ACCT 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ACCT 240 – Accounting for Nonbusiness Majors 3 credit hours
The objectives of this course are to introduce students to accounting principles, practices, and procedures and teach them to use accounting information to make business decisions. General topics to be covered include the accounting cycle, current assets, long-lived assets, current liabilities, income, cash flow, analysis of accounting information, and relevant decision making. Prerequisite: Completion of General Studies Foundational Core Math class.

ACCT 250 – Principles of Accounting I 3 credit hours
This course introduces students to the preparation and use of financial statements. It covers the accounting cycle, current assets, current liabilities, and plant assets. It focuses on financial reporting for service businesses or merchandising businesses organized as corporations. Prerequisite: Completion of General Studies Math requirement.

ACCT 251 – Principles of Accounting II 3 credit hours
Continuation of the basic accounting cycle with particular attention given to development of special procedures for control, partnerships, and corporations. Analysis of financial information used within the organization by manufacturing and service businesses. Prerequisite: ACCT 250

ACCT 253 – Introduction to QuickBooks 1 credit hour
This course provide an introduction to QuickBooks Pro accounting software including setting up a new company and chart of accounts; recording transactions with customers, vendors and employees; understanding internal controls; managing lists; preparing month-end and year-end adjusting journal entries; running reports and customizing them; and changing forms. Prerequisite: ACCT 250

ACCT 280H – Special Topics 1-3 credit hours
Total Credits Allowed: 3.00

ACCT 311 – Business Law I 3 credit hours
A study of the legal environment of business. Topics include legal theory, and resources, ethics, the court system, torts, contracts, government regulation, property law, and international law considerations. Prerequisite: ACCT 311

ACCT 312 – Commercial Law 3 credit hours
A study of the Uniform Commercial Code (including sales, commercial paper, secured transactions), credit/debtor relationships, agency law, and business entities. Prerequisite: ACCT 311

ACCT 317 – Construction Law 3 credit hours
This course involves the study of the legal environment of business as it relates to construction management. It includes an introduction to legal theory and to the court systems of the United States. The legal framework of the design and construction process will be emphasized. This will include information regarding legal business forms, how to understand and prepare the contracts specifically used in the construction industry, as well as how to enforce contractor rights provided by those contracts.

ACCT 350 – Intermediate Accounting I 3 credit hours
An in-depth study of the theory, concepts, and practice of financial accounting. Focus is on reporting useful information to third parties through basic corporate financial statements. Prerequisite: ACCT 251

ACCT 351 – Intermediate Accounting II 3 credit hours
A continuation of Intermediate Accounting I with emphasis on the more complex problems of financial reporting. Prerequisite: ACCT 350

ACCT 352 – Cost Accounting 3 credit hours
Accounting for manufacturing concerns with special emphasis on managerial decisions, as well as on unit and process costs. Prerequisite: ACCT 251

ACCT 391 – Accounting Information Systems 3 credit hours
The role of accounting information systems within an organization's management information system, information system documentation, transaction cycle reporting; principles of internal control; the use of proprietary general ledger software. Prerequisite: ACCT 251
ACCT 412 – Employment Law 3 credit hours  
A study of the major federal laws and judicial decisions, and selected Nebraska laws and judicial decisions affecting personnel practices in private and public sectors. General topics covered include equal employment opportunity, affirmative action, employee and management rights, and legal issues in employment compensation and benefits. Emphasis is placed on Title VII and employment discrimination based on race, color, sex, religion, and national origin. Age and disability discrimination are also covered. Specific topics include employee recruiting, selection, performance appraisal and promotion, wrongful discharge, employee privacy, employment-at-will and current topics.

ACCT 413 – Entrepreneurial Law 3 credit hours  
A study of the legal issues faced by entrepreneurs and new ventures including choosing a business entity, franchising, contracts and sales law, non-compete agreements, leases, e-commerce, intellectual property, operational liabilities, insurance, going public, and employment law. Prerequisite: Junior standing  

ACCT 451 – Tax Accounting 3 credit hours  
A study of federal income tax concepts and principles, with emphasis on individual and business organization income tax laws, regulations and filing procedures. Prerequisite: ACCT 251  

ACCT 452 – Advanced Tax Accounting 3 credit hours  
A continuation of the study of federal income tax concepts and principles. Prerequisite: ACCT 451  

ACCT 453 – Advanced Accounting I 3 credit hours  
Special accounting topics relating primarily to the preparation of consolidated financial statements for accounting entities in a parent-subsidiary relationship. Other topics include partnerships, the Securities and Exchange Commission and foreign currency transactions. Prior completion of ACCT 351 is recommended. Prerequisite: ACCT 350  

ACCT 465 – Governmental/Non-Profit Accounting 3 credit hours  
Accounting and financial reporting for local and state governments, colleges and universities, health care organizations, voluntary health and welfare organizations, and certain other non-profit organizations. Prerequisite: ACCT 350  

ACCT 470 – Auditing 3 credit hours  
Duties and responsibilities of auditors, methods of conducting audits, preparation of audit reports, and special auditing problems. Emphasis on the application of accounting concepts and principles learned. Prior completion of ACCT 351 is recommended. Prerequisite: ACCT 350  

ACCT 471 – Advanced Auditing 3 credit hours  
The practical application of auditing standards and procedures in examining financial statements and verifying underlying data. A practice set is required. Prerequisite: ACCT 470  

ACCT 475 – Accounting Internship 1-15 credit hours  
A work experience program planned for students preparing for employment in business and industry. The learning experience is organized and supervised by the academic department and personnel of selected industries. Must be approved by the Department. Total Credits Allowed: 15.00  
Prerequisite: Minimum GPA of 2.5 and ACCT 350.  

ACCT 491 – Advanced Accounting Information Systems 3 credit hours  
This course provides an in-depth analysis of accounting information systems, including the flow of data from source documents through the accounting cycle into reports for decision makers. Special emphasis is placed on the analysis and design of accounting systems, internal controls, as well as applications in financial planning, controlling, and reporting. Prerequisite: ACCT 391  

ACCT 499 – Special Problems in Business 1-3 credit hours  
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed to integrate the knowledge acquired in other courses in business administration, and to emphasize analysis and decision-making. Must be approved by Department Chair. Department Consent Required  
Total Credits Allowed: 6.00  

Agribusiness (AGBS)  

AGBS 110 – Introduction to Agribusiness 2 credit hours  
This course focuses on introducing students to the agribusiness sector of the U.S. and developing an understanding of its importance. The agribusiness sector encompasses more than just production agriculture, but also includes the firms that produce and sell goods and services (inputs) to the farming and ranching sector and the firms that handle and process agricultural commodities from the farm gate to the consumer plate. The agribusiness sector provides a diverse set of career paths and opportunities for students. This course is course is designed to introduce students the opportunities available in agribusiness and to foster skill development in the basic oral and written communication skills required in the agribusiness field.  

AGBS 188 – GS Portal 3 credit hours  
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.  
Total Credits Allowed: 6.00  
Prerequisite: First year freshman standing or sophomore standing only.  

AGBS 315 – Agribusiness Management 2 credit hours  
This course focuses on the role and function of management in the agribusiness sector. The agribusiness sector is diverse and includes firms producing agricultural products, firms providing inputs and services to agricultural producers and all the firms that handle and process agricultural goods from the farm gate to the consumer’s plate. This course builds upon the basic management principles and skills learned in MGT 301 by exposing students to the size and scope of the agribusiness sector, the organizational design of the types of businesses common in agriculture (e.g., cooperatives, sole-proprietorship, family owned-corporations, etc.) and the challenges managers face in these business environments.  
Prerequisite: ECON 270 and ECON 271 and MGT 301.
AGBS 335 – Agricultural Marketing 3 credit hours
An analytical and descriptive study of agricultural markets and marketing systems. This course will provide the student with knowledge of agricultural price determination, the use of futures and options for price discovery and risk management, and marketing institutions in agriculture.

AGBS 350 – Economics of the Agricultural Sector 3 credit hours
All agribusinesses are impacted by factors external to the firm, such as weather, agricultural policy, macroeconomic events, economic policy, and changes in the legal environment. This course is designed to show how the agricultural and non-agricultural sectors are integral parts of the economy and to provide students with an understanding of the current economic environment, how this may change in the future, and how these factors impact agricultural production and agribusinesses. Course is required in the Agribusiness program but also serves as an elective for other business and non-business degree programs.
Prerequisite: ECON 270 and ECON 271

AGBS 398 – Farm and Ranch Management 3 credit hours
This course focuses on the problems faced by farm, ranch, and agribusiness managers, and the decision-making process used in achieving the business’s objective of increasing profit or some other desired goal. Focusing on the application of economic principles to the decision making process, this course provides students with experience in decisions of how much, what, and how to produce; examination of how financial statements and budgeting techniques are used in decision making; and the application of risk analysis and management of risk through investment planning and analysis.
Prerequisite: ECON 320 and ACCT 250

AGBS 415 – Agricultural Price Analysis 3 credit hours
This course focuses on the role of prices and pricing mechanisms in coordinating activities between the vertical levels of the agricultural marketing system. Focusing on the application of economic principles in the price discovery process, this course is designed to foster skill development in the basic quantitative methods used in market and price analysis and price forecasting and for students to gain an understanding of the different factors that influence prices in the agricultural sector and the alternative pricing arrangements that exist for agricultural commodities.
Prerequisite: AGBS 335 and MGT 233 or STAT 241

AGBS 435 – Agricultural Finance 3 credit hours
Financial management in agriculture is concerned not only with the acquisition and use of financial resources, but also the protection of equity capital from various sources of risk. This course focuses on the financial requirements of farms, ranches, and agribusiness firms, and the decision-making process used in evaluating the credit needs and repayment capacity from both the manager’s and lenders perspectives. Focusing on the application of economic principles in making financial decisions, this course provides students with experience in evaluating risk by analyzing financial statements, cash flow budgets, and capital budgets, an understanding of the sources of agricultural credit, and acquaints the student with some of the special issues associated with financial management in the agricultural environment.
Prerequisite: AGBS 398 and FIN 308

AGBS 475 – Agribusiness Internship 1-8 credit hours
A work experience program planned for students preparing for employment in agricultural business. The learning situation is organized and supervised cooperatively by the academic department, CBT Career Center, and personnel of selected agribusiness. Work experience includes an acceptable type of wage earning employment in agribusiness industry approved by the coordinator.
Total Credits Allowed: 8.00
Prerequisite: Minimum GPA of 2.5 and ECON 270 and ECON 271 and additional 6 hours of 300/400 level AGBS and ECON courses.

AGBS 499 – Independent Study and Research in Agribusiness 1-6 credit hours
Individual research under the supervision of a faculty member of the department and approved by the Department Chairman. Topics to be investigated may be tailored to fit the needs of the student.
Total Credits Allowed: 6.00

Art (ART)

ART 100 – Art Structure 3 credit hours
The purpose of this course is to provide the student with a basic visual literacy in the visual arts. Through hands-on application, the visual elements and organizational principles of design will be considered and explored in conjunction with significant styles from the history of art.
Additional Course Fee Required

ART 102 – Drawing I 3 credit hours
Fundamental training in the elements of composition and drawing. Work in a variety of drawing media. Two hours consecutively.
Additional Course Fee Required

ART 105 – Graphic Media 3 credit hours
This course will provide the student with a foundational understanding of computer technology in art and design that will serve as a basis for upper level courses in the studio arts, art education, art history and visual communication and design.

ART 118 – Color and Design 3 credit hours
Study of basic art elements and principles. Practical experience in art as applied to everyday life. Recommended for students wanting fundamental art training.
Additional Course Fee Required

ART 120 – Art Appreciation 3 credit hours
The purpose of this course is to provide the student with a basic visual literacy in the visual arts (including architecture, digital art, drawing, graphic design, installation, motion pictures, painting, performance art, photography, printmaking, and sculpture). This course is designed to promote and develop a sensitive awareness of the visual arts, their inherent aesthetic value, and their relationships with other disciplines. At the same time, students will gain an understanding of how images are used for advertising, propaganda, as well as to create a sense of cultural or spiritual identity.

ART 121 – Artistic Freedom, Censorship and Controversy in a Democratic Society 3 credit hours
This course will examine the roles visual artists play in democratic societies. Five basic areas will be explored: 1) What is Censorship?, 2) Government Sponsorship of the Arts - Yes or No?, 3) Non-Democratic Viewpoints on the Visual Arts, 4) Historic Controversies in the Visual Arts, and 5) Contemporary Controversies in the Visual Arts.
ART 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ART 202 – Drawing II 3 credit hours
This course is a reinforcement of concepts studied in Drawing I, with the emphasis on investigation of complex organic shapes. Introduction to portraiture and anatomy of the face, color, and problems of visualization will be studied. Two hours of in-studio time consecutively.
Prerequisite: ART 102
Additional Course Fee Required

ART 205 – Foundations of Art Education 3 credit hours
This course will provide the student with a foundational understanding of the role of an art educator concerning: curriculum, advocacy, classroom management, assessment, cultural understanding, idea-based instructional strategies, team-teaching, technology, visual culture, and student-initiated learning.
Prerequisite: Must be an Art Education major.
Additional Course Fee Required

ART 211 – 3-D Design 3 credit hours
This course will provide the student with a foundational understanding in the design of three-dimensional objects and space that will serve as a basis for upper level courses in sculpture, ceramics, glass, 3-D modeling and animation and visual communication and design.
Additional Course Fee Required

ART 214 – Painting I 3 credit hours
This class introduces the student to processes and techniques common to oil and acrylic painting. The formal aspects of painting as well as content are examined.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 216 – Water Based Media 3 credit hours
Instruction in water based transparent and opaque mediums including watercolor, acrylic and goache. Emphasis on technique and originality. This course will serve as a prerequisite for Painting II.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 218 – Introduction to Design 3 credit hours
An introduction to basic design processes and communication principles. Emphasis involves the study, research, and evaluation of different methods to produce simple and functional 2D and 3D graphic translations. Majors: graphic package required.
Additional Course Fee Required

ART 221 – Art History Survey I 3 credit hours
Introduction to basic concepts and styles in the history of Western art from prehistory to the sixteenth century, including the Italian Renaissance. The arts are related to their cultural context.

ART 222 – Art History Survey II 3 credit hours
This course is a continuation of Survey I beginning with the Northern Renaissance to the present with an emphasis on art as a reflection of the social and cultural developments of man.

ART 228 – Creative Photography 3 credit hours
Instruction in the photographic medium, its background and meaning today in the art world. Introduction to the history of photography with emphasis on the contemporary creative approach today. Methods of use of the camera, and introduction to contemporary post-processing techniques. Emphasis on the creative process. Students must furnish camera.
Additional Course Fee Required

ART 230 – Ceramics I 3 credit hours
This course is an introduction to several basic sculpture media, (casting) processes. Originality of concepts and craftsmanship of techniques are stressed.
Prerequisite: ART 211
Additional Course Fee Required

ART 235A – Printmaking I-Intaglio and Relief 3 credit hours
Fundamental printmaking problems dealing with the various creative printmaking processes, including relief printing, intaglio, lithography, monoprint, and drypoint.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 235B – Printmaking I-Silkscreen 3 credit hours
This course is designed to help the students to enhance their drawing and design skills and to introduce them to the technique of silkscreen. During the course of the semester students will produce three four-color compositions and a number of black and white pieces. They will learn the basics of color mixing, color registration and various printing methods.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 244 – Glass I 3 credit hours
This beginning course in creative glass making will focus on the off-hand glassblowing techniques of molten glass. From this basic process endless variations of vessels, paper-weights and sculptural concepts can be created. Elementary concepts of sandblasting, etching, casting and slumpig will be introduced.
Additional Course Fee Required

ART 246 – Sculpture I 3 credit hours
This course is an introduction to several basic sculpture media, processes and techniques. It will survey additive (clay manipulation), subtractive (carving), assemblage (construction) and substitution (casting) processes. Originality of concepts and craftsmanship of techniques are stressed.
Prerequisite: ART 211
Additional Course Fee Required

ART 275 – Cultural Studies Through Art 3-6 credit hours
The study of the visual arts and culture of a region or country through travel and research.
Total Credits Allowed: 6.00

ART 280H – Special Topics 3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.
ART 301 – Typography I  3 credit hours
An introductory design course in Typography. Emphasis involves the study, research and exploration of the fundamentals of typography and typographic design through creative, functional design investigations and layout. The fundamental typography will encompass traditional hand drawn lettering and the introduction to digital layout.
Prerequisite: ART 218
Additional Course Fee Required

ART 301M – Typography/Multimedia  3 credit hours
For Multimedia students. Emphasis involves the study, research and exploration of the fundamentals of typography and typographic design through creative and functional investigations.
Additional Course Fee Required

ART 303 – History of Renaissance Art  3 credit hours
Study of works of art from the early and late Renaissance in Italy and Northern Europe.
Prerequisite: ART 222

ART 304 – Computer Animation I  3 credit hours
Introduces the art of making inanimate objects appear to be alive through the technique of sequential drawings presented on film/video. Includes creating a unique character and preparing it for copyright, animating the character and constructing a storyboard using the character.
Prerequisite: ART 305

ART 305 – Graphic Applications  3 credit hours
Students will learn control of Graphics programs which are used as the industry standards in creating visuals for print, web and multimedia are broadened. All aspects of the file types, as well as the similarities and differences in design applications are investigated in conjunction with projects designed to increase student acumen with the software. Techniques for photo retouching, color correction, color theory, layout, print and web technology differences and digital illustrating are also investigated.

ART 305M – Graphic Applications/Multimedia  3 credit hours
For Multimedia students. An introduction and intermediate exploration of computer hardware operations and software procedures necessary for contemporary graphic design. Emphasis involves electronic word processing, page layout, illustration, image generation and hardware proficiency.

ART 306 – Life Drawing II  3 credit hours
Further development of understanding of form through drawing from models in various media with the primary focus on color and space.
Prerequisite: ART 252

ART 309 – Graphic Imaging  3 credit hours
This is an intermediate course requiring in depth explorations into translating naturalistic representational graphic forms of expression into progressively simpler abstractions for use in narratives for books, corporate graphics, data in textbooks, mobile data visualizations, magazines, and scientific drawings. Students will also analyze information and then synthesize this data into graphic concepts which can be used or transformed into informational graphics, charts, and logos.
Department Consent Required

ART 310 – Art of Baroque and Rococo Era  3 credit hours
The Art of the Baroque and Rococo in Europe in the 17th & 18th Centuries. Major painting, sculpture and architecture will be studied. Aesthetic principles will be covered.
Prerequisite: ART 222

ART 311 – Painting I  3 credit hours
Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 102 and ART 118 and ART 214 or ART 216 and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 312 – Painting II  3 credit hours
Continuation of ART 311A. Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 311A
Additional Course Fee Required

ART 313 – Painting III  3 credit hours
Continuation of ART 312. Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 312
Additional Course Fee Required

ART 314A – Painting IV  3 credit hours
Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 313A
Additional Course Fee Required

ART 314B – Painting V  3 credit hours
Continuation of ART 314A. Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 314A
Additional Course Fee Required

ART 314C – Painting VI  3 credit hours
Continuation of ART 314B. Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 314B
Additional Course Fee Required

ART 315 – Painting VII  3 credit hours
Continuation of ART 314C. Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 314C
Additional Course Fee Required

ART 316 – Painting VIII  3 credit hours
Continuation of ART 315. Students focus on clarifying rationales and procedures as they relate to the content of their work.
Prerequisite: ART 315
Additional Course Fee Required

ART 318 – Design I  3 credit hours
A foundational course in layout strategy including the application of grid structures to problem solving in graphic design. The course of study stresses the development of layout skills through the analysis and interpretation of samples from historic design movements.
Prerequisite: ART 301
Additional Course Fee Required

ART 318M – Design I / Multimedia  3 credit hours
For Multimedia students. An introduction to design communications by exploring various page layout strategies, researching conceptual approaches, historical values, and form/content relationships. Emphasis involves the study of grid structures, graphic elements and the computer as a process tool.
Prerequisite: ART 301M or ART 301 and ART 305M or ART 305
Additional Course Fee Required

ART 319 – Design Illustration I  3 credit hours
An introduction and study of technical illustration. Emphasis involves the research and exploration of different line drawing techniques in various mediums for design communications.
Prerequisite: ART 309
Additional Course Fee Required

ART 325 – History of Modern Art  3 credit hours
An examination of the major art movements in Europe and America from Post-Impressionism to the 1940’s.
Prerequisite: ART 222

ART 326 – History of American Art  3 credit hours
Study of the development of American art, its origins and the emergence of an American style.
Prerequisite: ART 222

ART 327 – Photography: Analog Processes  3 credit hours
This course will explore the artistic potential of black and white photography. We will learn the basics of photography as they pertain to the exposure, development, and printing of black and white film. Initially this course will be heavily technical so we can pick up the skills needed to explore the artistic side of this life. In the end, artistic, technical, and conceptual aspects of the medium will be emphasized.
Prerequisite: ART 228 or ART 118
Additional Course Fee Required
ART 328 – Photography: Digital  3 credit hours
An introduction to using digital processes to create photographs. Technical explorations will include Photoshop, Camera Raw, flatted scanners and using inkjet printers to create photographs. Awareness of contemporary issues and ideas in photography will be emphasized. Prerequisite: ART 228 or ART 118

ART 329 – Photography: Artificial Lighting  3 credit hours
This course will explore the artistic potential of artificial lighting in photography. We will explore on camera flash, tungsten lighting, and strobe lighting. Initially this course will be heavily technical so we can pick up the skills needed to explore the artistic side of this life. In the end, artistic, technical, and conceptual aspects of the medium will be emphasized and come together on a final project of the students design. Prerequisite: ART 228

ART 330A – Ceramics II  3 credit hours
This course introduces advanced techniques for handbuilding with a focus on wheel throwing. Students gain further knowledge of and experience in the glazing and firing process. Emphasis is placed on craftsmanship and personal creativity. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 230 Additional Course Fee Required

ART 330B – Ceramics III  3 credit hours
A continuation of ART 330A. Individual techniques for constructing ceramic forms are explored. Examination of technology and chemistry of clay, glazes and specialized firing procedures are addressed. Emphasis is placed on craftsmanship, personal creativity and conceptual development. All basic clays and glaze are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 330A and successful completion and passing of the Sophomore Portfolio Review. Additional Course Fee Required

ART 330C – Ceramics IV  3 credit hours
Continuation of ART 330B. Individual techniques for constructing ceramic forms are explored as well as the continued study of ceramic materials and firing techniques. Emphasis is placed on craftsmanship, personal creativity, and conceptual development. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 330B Additional Course Fee Required

ART 331 – Non Western Survey I: Art in India, China and Japan  3 credit hours
Survey of the artistic heritage of three major non-western traditions from approximately 1000 B.C. to the nineteenth century. Special emphasis will be placed on art as a reflection of the religious and cultural developments of each country and time period. Prerequisite: ART 222

ART 335A – Printmaking II  3 credit hours
Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. Multimedia students should take the section designated ART 355M. Prerequisite: ART 235A or ART 235B and successful completion and passing of the Sophomore Portfolio Review. Additional Course Fee Required

ART 335B – Printmaking III  3 credit hours
Continuation of ART 335A. Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. Prerequisite: ART 335A and successful completion and passing of the Sophomore Portfolio Review. Additional Course Fee Required

ART 335C – Printmaking IV  3 credit hours
Continuation of ART 335B. Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. Prerequisite: ART 335B Additional Course Fee Required

ART 344A – Glass II  3 credit hours
Forming molten glass creatively is very challenging and requires great dedication over long periods of time to master. Each class will result in higher levels of design and forming competencies which will also lead to more sophisticated techniques. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. Prerequisite: ART 244 and successful completion and passing of the Sophomore Portfolio Review. Additional Course Fee Required

ART 344B – Glass III  3 credit hours
Continuation of ART 344A. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. Prerequisite: ART 344A Additional Course Fee Required

ART 344C – Glass IV  3 credit hours
Continuation of ART 344B. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. Prerequisite: ART 344B Additional Course Fee Required

ART 346A – Sculpture II  3 credit hours
Figure Study. This course will focus on the study of human anatomy as well as the creative interpretation of the human figure. Clay will serve as the primary medium of choice, although some mixed media concepts will also be encouraged. A study of the human figure will enhance the student’s creative foundation whether pursuing a major in sculpture, graphic design, art education or other areas of fine arts. Prerequisite: ART 246 and successful completion and passing of the Sophomore Portfolio Review. Additional Course Fee Required

ART 346B – Sculpture III  3 credit hours
Plaster, Cement and Mixed Media. This course will introduce the use of plaster and cement as manipulation, fabrication and casting media. Armature construction and mold making will be taught along with a variety of finishing processes. The use of maquettes as a means to large or monumental sculpture concepts will also be taught. Other mixed media concepts will also be introduced. Creative originality and craftsmanship will be stressed. Prerequisite: ART 246 Additional Course Fee Required
ART 346C – Sculpture IV  3 credit hours
Cast Metals. This course will focus on the lost wax process of casting metal sculpture. Bronze and aluminum are most commonly used, however, other castable metals may be used for small sculpture concepts. The sand casting process will also be introduced. Creative original concepts and good craftsmanship are stressed.
Prerequisite: ART 246
Additional Course Fee Required

ART 351 – Typography II  3 credit hours
An intermediate exploration in the use of typographic design as an expressive and functional communicative design vehicle. Emphasis on defining effective design criteria to meet the readers’ needs, the communicator’s intent and the designer’s formal sensibilities.
Prerequisite: ART 301
Additional Course Fee Required

ART 352A – Drawing III  3 credit hours
An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development.
Prerequisite: Successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 352B – Drawing IV  3 credit hours
Continuation of ART 352A. An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development.
Prerequisite: ART 352A
Additional Course Fee Required

ART 352C – Drawing V  3 credit hours
Continuation of ART 352B. An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development.
Prerequisite: ART 352B
Additional Course Fee Required

ART 355 – Web Design & Motion Graphics  3 credit hours
Design students are introduced to contemporary web development tools using W3C standards compliant language. Discussions prominent throughout the course will focus on design, graphics interfaces, their clarity and ease of use in a user friendly design studio environment.
Prerequisite: ART 305

ART 355M – Web Design & Motion Graphics/Multimedia  3 credit hours
For Multimedia students. An intermediate and advanced exploration into the use of computer technology as a visual problem-solving tool for expressive imagery and functional web/motion design communications. Emphasis involves the study of image generation and manipulation in relationship to the growing web and motion design software.
Prerequisite: ART 301M or ART 301 and ART 305M or ART 305

ART 360 – Elementary Art Methods  3 credit hours
This course is concerned with the theory and philosophy for elementary art methods of teaching children through art. A field experience of observation and teaching is required.
Prerequisite: ART 100 and non-art majors only.
Additional Course Fee Required

ART 362 – Art Methods for Elementary Art Educators  2 credit hours
This course, which is designed for art education majors only, provides the framework for developing an understanding of child development, pedagogical methods, and the philosophy of elementary art education. The course is taken concurrently with the elementary field experience. Use of a variety of art materials will provide practical experience in teaching, understanding and evaluating children’s artwork.
Prerequisite: Admission to Teacher Education Program and Art Education majors only.
Corequisite: ART 365.
Additional Course Fee Required

ART 365 – Field Experience in PK-6 Art Classrooms  1 credit hour
This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator. Under the mentorship of a practicing K-6 teacher, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school related activities commonly encountered by professional educators.
Prerequisite: Admission to Teacher Education Program.
Corequisite: ART 362.

ART 366 – Design II  3 credit hours
An advanced course in graphic design that emphasizes the development of identity symbols and systems. Study topics cover the theoretical as well as the vocational aspects of this type of design activity. Theoretical topics include: signs and symbols, semiotics and communication theory. Exposure to ”best practices” includes the development of design briefs, presentations to clients and the production of comprehensive samples.
Prerequisite: ART 318 and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 369 – Design Illustration II  3 credit hours
An advanced course in developing illustration appropriate for business communication or editorial displays. Emphasis involves creating illustrations that would appear in books, magazines or newspapers. Students will practice illustration skills with the concerns for content that involve ethical and social implications.
Prerequisite: ART 319
Additional Course Fee Required

ART 370 – Art Methods  2 credit hours
Theory and philosophy for secondary school art. Supervision and curricula.
Prerequisite: Admission to Teacher Education Program.
Additional Course Fee Required

ART 371 – Field Experience in 7-12 Art Classrooms  1 credit hour
This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles so a professional educator. Under the mentorship of a practicing 7-12 educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators.
Corequisite: ART 370.
ART 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

ART 399 – Art Apprenticeship Program  1-4 credit hours
Students interested in working with a department faculty member in a variety of departmental activities should contact faculty members who would agree to supervise the learning experiences for the semester. A formal work plan must be in writing and approved by the faculty advisor.
Total Credits Allowed: 4.00

ART 403 – Individual Problems in Art  1-9 credit hours
Independent study for majors and minors in Art. Intensive study in a selected art field. Students should not take more than 3 hours of ART 403 in any one semester.
Department Consent Required
Total Credits Allowed: 18.00

ART 403A – Independent Problem: Ceramics  1-4 credit hours
Total Credits Allowed: 4.00

ART 405 – History of 19th Century Art  3 credit hours
A study of the development of 19th century art in Europe: Neo-Classicism, Romanticism, Realism, and Impressionism and Post-Impressionism.
Prerequisite: ART 222

ART 407 – Art Methods for Young Children  3 credit hours
This course is concerned with the theories and philosophies of art methods for teaching young children. This interactive course is designed to give a new perspective on planning and implementing developmentally appropriate programs for children from birth through age eight. In this course we discuss curriculum, assessment, evaluation, and program planning. We will discuss several historical perspectives and theories of child development, and examine best practices for young children in art education. We will also examine key concepts and assessments as they relate to specific art activities.
Prerequisite: ART 100

ART 409 – History of Nebraska Art  1-3 credit hours
A survey of art and artists in 19th and 20th century Nebraska and how their art relates to the history of art in western civilization. Unique characteristics of regional art forms are examined and discussed.
Total Credits Allowed: 3.00

ART 413 – Design Practicum  3 credit hours
An advanced design course that focuses on the design practicum and/or internship experience. Emphasis involves students learning professional design practices with authentic client projects from the University and/or local community. Topics include procedures for interacting and consulting with clients, design, illustration, photography, art production, pre-press preparation and supervision of projects to completion. Course may be repeated for credit.
Department Consent Required
Total Credits Allowed: 9.00
Additional Course Fee Required

ART 414A – Advanced Painting V  3 credit hours
Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings.
Prerequisite: ART 314C
Additional Course Fee Required

ART 414B – Advanced Painting VI  3 credit hours
Continuation of ART 414A. Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings.
Prerequisite: ART 414A
Additional Course Fee Required

ART 414C – Advanced Painting VII  3 credit hours
Continuation of ART 414B. Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings.
Prerequisite: ART 414B
Additional Course Fee Required

ART 415 – Late Modern: Art Since the ’50s  3 credit hours
An examination of contemporary directions in the visual arts since 1950. Special emphasis given to current trends in both Europe and the United States, including new modes such as video and environmental art.
Prerequisite: ART 222

ART 418 – Design III  3 credit hours
An advanced design course based on three-dimensional graphic design formats and design systems. Emphasis involves theoretical and practical design applications in the advertising and design profession. Topics involve packaging, product applications, exhibition and/or environmental design projects.
Prerequisite: ART 368
Additional Course Fee Required

ART 419 – Design Illustration III  3 credit hours
An advanced illustration course requiring in depth explorations into translating naturalistic, representational, graphic forms of expression into forms, which develop the student's individual voice. Students will also analyze visual narratives and create visual expressions, which reflect a variety of styles.
Prerequisite: ART 369

ART 422 – Women in Art  3 credit hours
A chronological survey from the prehistoric era through the end of the twentieth century, analyzing women’s artistic role in their societies and highlighting pertinent issues in each individual period.

ART 425 – Critical Perspectives  3 credit hours
Research into problems of aesthetic attitude and content.
Prerequisite: At least 12 hours in Art.

ART 426 – Medieval Art  3 credit hours
The course will focus on the development of Western art during the Medieval period, or Middle Ages, dating from the 4th century to the 14th century. Art and architecture will be discussed within social, political and religious contexts.
Prerequisite: ART 222
ART 427 – Photography: Hybridized Processes 3 credit hours
This course will explore the artistic potential between traditional analog photography and today's digital techniques. We will learn the techniques of the analog processes and then begin to integrate digital techniques. Initially this course will be heavily technical so we can pick up the skills needed to explore the artistic side of this life. In the end, artistic, technical, and conceptual aspects of the medium will be emphasized and come together on a final project of the student's design.
Prerequisite: ART 327 or ART 328 or ART 329
Additional Course Fee Required

ART 428A – Advanced Photography: Contemporary Exhibition Practices 3 credit hours
This course will explore photography and contemporary exhibition techniques within the medium. Emphasis will be placed on personal aesthetic questions aligned with appropriate photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the exhibition of a photographic body of work.
Prerequisite: Completion and passing of the Sophomore Portfolio Review and ART 327 or ART 328 or ART 329.

ART 428B – Advanced Photography: Traditional Exhibition Practices 3 credit hours
This course will explore photography and traditional exhibition techniques within the medium. Emphasis will be placed on personal aesthetic questions regarding space and the environment aligned with appropriate digital or hybridized photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the exhibition of a photographic body of work.
Prerequisite: Completion and passing of the Sophomore Portfolio Review and ART 327 or ART 328 or ART 329.

ART 428C – Advanced Photography: The Book Format 3 credit hours
This course will explore photography and its history and future within the book format. Emphasis will be placed on personal aesthetic questions aligned with appropriate photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the completion of a photography book.
Prerequisite: ART 327 or ART 328 or ART 329.

ART 428D – Advanced Photography: Social Media Practices 3 credit hours
This course will explore photography and traditional exhibition techniques within the medium. Emphasis will be placed on personal aesthetic questions regarding space and the environment aligned with appropriate analog or hybridized photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the exhibition of a photographic body of work.
Prerequisite: ART 327 or ART 328 or ART 329.

ART 430 – Adv Ceramics 3 credit hours
Additional Course Fee Required

ART 430A – Ceramics V 3 credit hours
Advanced level coursework. Individual techniques for constructing ceramic forms are explored. Individualized methodology of surface development by glazing and firing is explored. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals.
Prerequisite: ART 330C
Additional Course Fee Required

ART 430B – Ceramics VI 3 credit hours
Continuation of ART 430A. Advanced level coursework. Individual techniques for constructing ceramic forms are explored. Individualized methodology of surface development by glazing and firing is explored. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals.
Prerequisite: ART 430A
Additional Course Fee Required

ART 430C – Ceramics VII 3 credit hours
Continuation of ART 430B. Advanced level coursework for the ceramic studio major. Individual techniques for constructing ceramic forms are encouraged and expected. Individualized methodology of surface development by glazing and firing is explored. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals.
Prerequisite: ART 430B
Additional Course Fee Required

ART 435A – Printmaking V 3 credit hours
The print as a multiple original and edition printing is considered. Study with color printing processes may be explored.
Prerequisite: ART 335C
Additional Course Fee Required

ART 435B – Printmaking VI 3 credit hours
Continuation of ART 435A. The print as a multiple original and edition printing is considered. Study with color printing processes may be explored.
Prerequisite: ART 435A
Additional Course Fee Required

ART 440 – Special Problems in Art History 1-3 credit hours
Research on specific problems which may involve historical, philosophical, aesthetic or critical aspects of arts. Course by appointment.
Total Credits Allowed: 18.00
Prerequisite: ART 222

ART 444A – Glass V 3 credit hours
These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lustres and sulfides will be introduced while improving on previous processes and techniques.
Prerequisite: ART 344C
Additional Course Fee Required
**ART 444B – Glass VI** 3 credit hours  
Continuation of ART 444A. These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lusters and sulfides will be introduced while improving on previous processes and techniques. 
Prerequisite: ART 444A  
Additional Course Fee Required

**ART 444C – Glass VII** 3 credit hours  
Continuation of ART 444B. These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lusters and sulfides will be introduced while improving on previous processes and techniques. 
Prerequisite: ART 444B  
Additional Course Fee Required

**ART 446A – Sculpture V** 3 credit hours  
Direct Metals. This course will focus on the fabrication of metal sculpture concepts. Soldering, welding, riveting, adhesive bonding and mechanical fabrication will be introduced. Creative original concepts and good craftsmanship are stressed. 
Prerequisite: ART 246  
Additional Course Fee Required

**ART 446B – Sculpture VI** 3 credit hours  
This course will focus on wood carving and wood assemblage and construction of sculpture. The proper use of wood power equipment such as saws, sanders and carvers will be taught. Creative original concepts and good craftsmanship will be emphasized. 
Prerequisite: ART 446A  
Additional Course Fee Required

**ART 446C – Sculpture VII** 3 credit hours  
This course will focus on the use of clay as a creative medium. Basic clay construction techniques will be taught while investigating ceramic formulae relative to size and surface considerations. Creative originality and good craftsmanship are stressed. 
Prerequisite: ART 446B  
Additional Course Fee Required

**ART 450 – Special Topics** 1-9 credit hours  
Independent study in Art and intensive study in a selected art field. 
Department Consent Required 
Total Credits Allowed: 18.00 
Prerequisite: Approval by department for students on the BFA program who have completed 30 hours of ART.

**ART 450A – Special Topics: Ceramics** 1-4 credit hours 
Total Credits Allowed: 4.00

**ART 451 – Typography III** 3 credit hours  
This course involves an advanced exploration of type as an expressive and functional vehicle for print and electronic design. Students will continue the study of the typographic terms of separation, layering and fracturing as it pertains to different typographic design applications. Emphasis will be placed on defining effective design criteria in order to meet the reader’s or audience’s needs, the communicator’s intent, and the designer’s formal sensibilities. 
Prerequisite: ART 351

**ART 452A – Drawing VI** 3 credit hours  
Advanced work with the elements of composition in a variety of drawing media. 
Prerequisite: ART 352C  
Additional Course Fee Required

**ART 452B – Drawing VII** 3 credit hours  
Continuation of ART 452A. Advanced work with the elements of composition in a variety of drawing media. 
Prerequisite: ART 452A  
Additional Course Fee Required

**ART 452C – Drawing VIII** 3 credit hours  
Continuation of ART 452B. Advanced work with the elements of composition in a variety of drawing media. 
Prerequisite: ART 452B  
Additional Course Fee Required

**ART 454 – Computer Animation II** 3 credit hours  
An advanced animation course for students with previous animation experience desiring to produce a 10-30 second cell animated production with sound. 
Prerequisite: ART 305 or ART 305M

**ART 454M – Computer Animation II/Multimedia** 3 credit hours  
For Multimedia students. An advanced animation course for students with previous animation experience desiring to produce a 10-30 second cell animated production with sound.

**ART 456 – Portfolio** 1-3 credit hours  
An advanced art and design course that focuses on the development and creation of a student portfolio in order to complete the BA Studio degree, or the BFA degree programs. Topics involve the refinement or creation of the portfolio itself, cover letter, resume and proposals for the senior project. The course will utilize the student’s knowledge and skills from previous coursework in order to create a professional presence that emphasizes acquired design skills and strengths. 
Department Consent Required

**ART 460 – Experimental Art Practices** 3 credit hours  
This course is designed to introduce the student to experimental contemporary art practices that encourage creative problem solving abilities and free expression of ideas. Media may include performance art, video, site-specific and installation artworks. 
Prerequisite: ART 102 and ART 211 and ART 118

**ART 468 – Package Design** 3 credit hours  
An advanced studio investigation of three-dimensional formats. Students exploration of three-dimensional formats will include: developing imagery and typography, understanding the visual communication of content with audience. Emphasis involves theoretical study and practice of visual communication relating to the areas of packaging, exhibition and environmental design. 
Prerequisite: ART 418  
Additional Course Fee Required

**ART 474 – Special Topics in Art** 3-6 credit hours  
Designed to meet special needs for students in Art Education, Art History, and Studio Art. Must have special permission of department chair to enroll.
Total Credits Allowed: 6.00

**ART 475 – Cultural Studies Through Art** 3-6 credit hours  
The study of the visual arts and culture of a region or country through travel and research. 
Total Credits Allowed: 18.00 
Prerequisite: ART 222
ART 478 – Design IV 3 credit hours
An advanced design course that focuses on communication arts and graphic design systems; Emphasis on exploration of different design research, creative concepts, theory, methodologies and applied problem solving of multi-component projects. Course projects will include 2D print design, 3D design and digital design format.
Prerequisite: ART 418

ART 496 – Visual Communications and Design Senior Project Review 1 credit hour
The student will develop a multimedia gallery presentation that is a capstone of their experience in the VCD program. The presentation will include an artist’s statement, a sketchbook documenting their thought processes, as well as the installation, which will include branding, signage, literature, etc for a fictional client that they have conceived. The project will be evaluated by VCD faculty as well as outside professionals and will be graded on a pass/fail basis.
Department Consent Required

ART 497 – Senior Project: BA 3 credit hours
This course is a program requirement for all BA Studio degree majors. The final studio senior project may result in an exhibition depending on the subject and field of study. The project will be evaluated by VCD faculty as well as outside professionals and will be graded on a pass/fail basis.
Department Consent Required

ART 498 – Senior Project: Art Education 1 credit hour
This advanced level course includes an exhibition which allows art education students to demonstrate proficiency in a number of studio media for future teaching of PK-12. Students will also write a paper on their philosophy of art education and how their work informs their teaching. The course will be a synthesis of pre-service art education coursework; exploration into professional practices and standards; completion of teaching and learning portfolio; demonstration of student teaching readiness.
Department Consent Required
Additional Course Fee Required

ART 499 – Senior Project: BFA 1-3 credit hours
This course is a program requirement for all BFA Studio and Visual Communications and Design degree majors. The final studio senior project will result in an exhibition and an oral review by the department art faculty. The final VCD senior project will also conclude with an exhibition and an oral review by the design faculty and at least one design professional. There is a strong emphasis on originality, creativity, execution of the senior project and artwork is a must upon completing this course.
Department Consent Required

BIOL 102 – Environmental Biology 3 credit hours
This class is about life on Earth. As the human species continues to spectacularly succeed at living and using resources we have become a significant force on the planet. This class also explores that role and all that it could mean in positive and negative ways for ourselves and other species that share the planet with us.

BIOL 103 – General Biology 4 credit hours
From subatomic particles to humans to ecosystems, how do biological systems function? In this course, we will learn about basic biological principles and concepts to understand the organization and function of living systems. The central themes in this course will be 1) integration of individual parts to create a functional whole; 2) evolution as a framework for understanding variation, diversity, and biological phenomena; 3) how scientific concepts originate, are validated, and are refined; and 4) application of scientific principles to issues that arise in modern-day life.
A two-hour laboratory is required each week.
Additional Course Fee Required

BIOL 105 – Biology I 4 credit hours
A study of plant and animal groups, their structure, relationships, ecology, classification and evolution. Two hours of laboratory each week.
Students should have completed three years of high school science including biology and chemistry or a college science course.
Additional Course Fee Required

BIOL 106 – Biology II 4 credit hours
A study of the organization and function of living systems, including development, metabolism, reproduction, inheritance, and the basics of biotechnology. Two hours of laboratory each week.
Students should have completed three years of high school science including biology and chemistry or a college science course.
Additional Course Fee Required

BIOL 109 – Classroom Biology 4 credit hours
Acquaints students with what science is and how science is performed. Students will use the scientific method to design and perform experiments, collect data, analyze results, and develop explanations. Basic biological principles including form and function, organization, and adaptation will be emphasized. A laboratory science course. Credit not to be applied to the Biology major or endorsement.
Additional Course Fee Required

BIOL 110 – Introduction to Epidemiology 3 credit hours
An introductory survey of modern epidemiology including what epidemiology is, new discoveries, and how epidemiology affects our lives.

BIOL 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.
BIOL 211 – Human Microbiology 4 credit hours
This course will cover basic microbiology with an emphasis on health-related topics and assumes no previous study of chemistry. The goal of the course is to primarily introduce allied health majors to the general characteristics of bacteria and viruses that will be helpful in understanding the transmission, virulence, and treatment of bacterial or viral diseases. This class will allow students to become familiar with some common infectious bacteria and viruses and the diseases they cause. The laboratory portion of the course will introduce students to the proper techniques and precautions for routine handling of bacteria and help students understand the basic structure of bacteria and what those features indicate about the bacteria. Lab work gives students an idea of how the bacteria from infections are identified through biochemical tests and how treatment options are determined. Two hour laboratory each week.
Additional Course Fee Required

BIOL 213 – Introduction to Fish and Wildlife Management 2 credit hours
Provides students with an understanding of curriculum and research requirements and career opportunities associated with the Wildlife emphasis of the Biology Major through a combination of in- and out-of-class activities. Students will also be introduced to fish and wildlife management issues and research.

BIOL 215 – Human Physiology 4 credit hours
This course provides an introduction to the systems of the human body and how they function. This is a one-semester human physiology course and is NOT intended to meet the health science program requirements for a two-semester class of Anatomy and Physiology. Course themes include: 1) the basic mechanisms underlying the physiology of the animal cell; 2) the organization and function of the major organ systems (nervous, muscular, endocrine, respiratory, cardiovascular, digestive, urinary, and reproductive) with an emphasis on uncovering structure-function relationships and the inter-relatedness of human body systems; and 3) the link between abnormal physiological processes and the incidence of rare or common human diseases. Students should have completed three years of high school science including biology and chemistry or a college science course.
Additional Course Fee Required

BIOL 225 – Anatomy and Physiology 4 credit hours
A study of the anatomy and physiology of the systems of the human body and how they function including cellular mechanisms and tissues, the skin, the skeletal system, the muscular system and the nervous system. Two hours of laboratory each week. This course is primarily intended for students planning to pursue training in one of the Health Programs. Biology majors would normally complete BIOL 215 Physiology (4 hours) but may complete BOTH BIOL 225 and BIOL 226 (8 hours) to meet the physiology requirement. Successful completion of a college-level biology or chemistry course is highly recommended.
Prerequisite: Sophomore standing
Additional Course Fee Required

BIOL 226 – Anatomy and Physiology 4 credit hours
A continuation of the study of the systems of the human body including the circulatory system and its components, the lymphatic system, the respiratory system, the digestive system, the urinary system, the endocrine glands and the reproductive system. Two hours of laboratory each week. Biology majors would normally complete BIOL 215 Physiology (4 hours) but may complete BOTH BIOL 225 and BIOL 226 (8 hours) to meet the physiology requirement.
Prerequisite: BIOL 225 or permission of instructor.
Additional Course Fee Required

BIOL 231 – Research Methods I 3 credit hours
This course will provide Biology students with easy-to-use guidance for laboratory and field studies, but in addition cover broader transferable skills. This includes where to find information, how to read and analyze scientific literature, the difference between scientific and other types of writing, ethics, and other transferable skills. Students will also put into practice what they are learning by practicing scientific writing and presentation.
Prerequisite: BIOL 105 and BIOL 106

BIOL 280H – Special Topics 3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

BIOL 290 – Evolution 3 credit hours
A study of the proposed mechanisms of Organic Evolution and how it serves as the unifying theme of Biology. Molecular, morphological and paleontological data will be emphasized.
Prerequisite: BIOL 105 and BIOL 106

BIOL 301 – Introduction to Soils 4 credit hours
Introduction to soil development, morphology, distribution, chemistry, physics, classification, use, conservation, biology and pollution. Three hours of laboratory each week.
Prerequisite: One course in general chemistry or permission of instructor.
Additional Course Fee Required

BIOL 305 – BioStatistics 3 credit hours
Course introduces descriptive and basic inferential statistics for application in analysis, evaluation, and design of biological experiments. Students learn fundamentals of statistical software.
Prerequisite: MATH 101 or above or MATH ACT score of 20 or above.

BIOL 307 – Ecology 3 credit hours
Population and community ecology; distribution and dispersal, population growth and regulation. Interpretation of ecological phenomena in laboratory, field and hypothetical systems. A laboratory or field exercise each week.
Prerequisite: BIOL 105 or permission of instructor
Additional Course Fee Required

BIOL 309 – Cellular & Molecular Biology 4 credit hours
This course deals with various types of cells- their structure, function and what they contribute to the functioning of the whole organism. The course will have three lectures (50 min each) and one laboratory (3 hr) every week.
Prerequisite: 8 hours of college Biology and CHEM 161 and CHEM 161L and either CHEM 250 and CHEM 250L or CHEM 361 and CHEM 361L or permission.
Additional Course Fee Required

BIOL 311 – Bioethics 3 credit hours
This course will explore the process of ethical decision making in regard to recent advances in the Biological Sciences and Medicine. The goal of the class is to acquaint you with Bioethical issues and enable you to make decisions and perform actions in an ethical manner in the fields of Biological Sciences and Medicine.
Prerequisite: Sophomore standing or higher or 8 hours of college Biology and Chemistry or permission of instructor.

BIOL 325 – Medical Terminology 1 credit hour
This course is designed to assist students in health-related and life science programs to become familiar with complex terms and their derivation.
BIOL 330 – Wildlife Conservation  
Problems of wildlife conservation, particularly as they apply to Nebraska. This includes a brief look at wildlife management techniques, and the history, sociology, and politics of wildlife conservation. Three hours of laboratory each week. 
Prerequisite: BIOL 307 or permission of instructor
Additional Course Fee Required

BIOL 360 – Genetics  
Application based course covering the classical and molecular principles of inheritance. Concepts covered include various historical and mathematical concepts surrounding transmission, molecular, and population genetics. Three hours of lecture with a weekly three hour laboratory. 
Prerequisite: BIOL 106 and BIOL 226 or BIOL 290 or BIOL 309
Additional Course Fee Required

BIOL 380 – Agronomy  
A study of crop production covering such topics as environmental requirements, soil, cultural practices, growth and development, water relations and economics. 
Prerequisite: BIOL 103 or BIOL 106 or permission of instructor.

BIOL 388 – GS Capstone  
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. 
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

BIOL 388L – GS Capstone Lab  
Corequisite: BIOL 388

BIOL 401 – Principles of Immunology  
Topics to be covered include: 1) the structural and functional aspects of the immune system, 2) disorders of the immune system, 3) structure and function of antibody molecules, 4) immunobiology of tissue transplants, 5) basic aspects of cancer and cancer therapy that relate to immunology, 6) allergies, and 7) antigen-antibody interaction. Laboratory required. 
Prerequisite: BIOL 211 or BIOL 400 and either BIOL 309 or CHEM 351 and CHEM 351L or permission of instructor.
Additional Course Fee Required

BIOL 405 – Range and Wildlife Management  
Basic principles of range and pasture management for use by domestic livestock and wildlife will be taught. Course includes 3 hours of field or laboratory work each week. 
Prerequisite: BIOL 307
Additional Course Fee Required

BIOL 406 – Plant Ecology  
Plants in relation to their environment. Three hours of laboratory or field work each week. 
Prerequisite: BIOL 105 and BIOL 106 and BIOL 307 or permission of instructor
Additional Course Fee Required

BIOL 409 – Biological Studies using GIS  
This course is an introduction to many aspects of using Geographic Information Systems as a natural resources tool. The class introduces cartographic concepts, tools such as Global Positioning System tools, and natural resource databases at the state and federal levels. In addition to lectures and labs where the software and tools are used, students also have the opportunity to complete projects using GIS and data of their own choosing. The main objective of the class is to give students enough familiarity with GIS software, data resources, and project design to be able to effectively produce their own projects. 
Prerequisite: BIOL 307

BIOL 410 – Fire Ecology and Management in Grasslands  
Familiarizes students with the role of fire as a major ecosystem process in grasslands and its use as a management tool. Provides the opportunity for certification for prescribed burning and wildland firefighting at federal, state, or private agency levels.

BIOL 416 – Plant Diversity and Evolution  
Morphology of each group of the plant kingdom. Three hours of laboratory each week. 
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor
Additional Course Fee Required

BIOL 417 – Mycology  
A study of the fungi including taxonomy, growth, morphology, development, reproduction and economic importance. Three hours of laboratory or field work each week. 
Prerequisite: 12 hours in Biology including BIOL 103 or BIOL 105 and CHEM 161 and STAT 241 or permission of instructor. 
Corequisite: BIOL 417L

BIOL 417L – Mycology Lab  

BIOL 418 – Plant Taxonomy  
Classification and identification of vascular plants with emphasis on the prairies and plains. A family concept approach is utilized. Three hours of laboratory or field work each week. 
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor
Additional Course Fee Required

BIOL 421 – Seminar in Field Studies  
An in-depth discussion of current topics in field biology. Presentations will be given weekly by guest speakers, faculty and students. Seminar is designed to help students analyze, understand and present current research within the field of Science, enhance critical thinking through question and answer sessions, and develop the skill set, both verbal and written, needed to present research and/or data in future careers. 
Department Consent Required
Total Credits Allowed: 5.00
Prerequisite: BIOL 231
BIOL 430 – Special Topics in Biology  1-6 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of students. Topics include Botany, Fresh Water Biology, Vertebrate Biology, Invertebrate Biology, Nebraska Flora, Nebraska Fauna, Physiology, Geographic Information Systems
Department Consent Required
Total Credits Allowed: 6.00

BIOL 456 – Regional Field Study  1-4 credit hours
This course is designed to introduce students to detailed biological studies of specific regions. Regions studied may vary depending upon instructor availability and student needs. Topics may include but are not limited to: Tropical and Marine Island Biology, Natural History of Nebraska, Natural History of the Southwest
Department Consent Required
Total Credits Allowed: 4.00

BIOL 461 – Human Genetics  3 credit hours
The course focuses on contemporary human genetics with emphases on genetic diseases. A study of the genetic basis and frequency of genetic defects in man and genetic counseling. Prior completion or concurrent enrollment in BIOL 360 is also recommended.
Prerequisite: 8 hours of BIOL 200 through BIOL 499 or permission of the instructor.

BIOL 462 – Animal Behavior  3 credit hours
An introduction to the science of ethology. The course will examine behavior genetics, physiology of behavior, ecology of behavior, and the evolution of behavior. Three hours of laboratory each week.
Prerequisite: BIOL 105 and BIOL 231 and BIOL 307 or permission of instructor
Additional Course Fee Required

BIOL 463 – Clinically Oriented Gross Anatomy  4 credit hours
Clinically Oriented Gross Anatomy includes human anatomy presented in a regional approach that utilizes a wide variety of imaging modalities and clinical correlations to understand gross anatomy. The sequence of the content has been adapted to correlate with the synchronous dissection of the human cadaver. Students will form dissection groups.
Prerequisite: BIOL 225 and BIOL 226 or permission of course coordinator

BIOL 464 – Animal Behavior  3 credit hours
An introduction to the science of ethology. The course will examine behavior genetics, physiology of behavior, ecology of behavior, and the evolution of behavior. Three hours of laboratory each week.
Prerequisite: BIOL 105 and BIOL 231 and BIOL 307 or permission of instructor
Additional Course Fee Required

BIOL 465 – Physiology  3 credit hours
The structure and function of the systems of the vertebrate body. Three hours of laboratory each week.
Prerequisite: BIOL 105 or BIOL 106 and BIOL 309 and CHEM 161 and Chem 161L and Organic Chemistry or permission of instructor

BIOL 466 – Parasitology  2 credit hours
The basic concepts of parasitology with emphasis on the major types of medically and economically important parasites (protozoa, helminthes, arthropods) will be covered, including life cycles, diagnosis, treatment, immunity, pathology, control, ecology, and evolution.
Prerequisite: BIOL 105 and BIOL 106.
Corequisite: BIOL 468L.
Additional Course Fee Required

BIOL 468L – Parasitology Laboratory  1 credit hour
Laboratory stresses identification of the various developmental stages of parasites.
Corequisite: BIOL 468.

BIOL 470 – Insect Biology  3 credit hours
An introduction to insects and related arthropods. Emphasis is placed on morphology, physiology, taxonomy and ecology of insects. Three hours of laboratory or field work each week.
Additional Course Fee Required

BIOL 471 – Methods in Secondary Science Teaching  3 credit hours
An examination of current developments in curricula, methods and materials. Should be completed prior to student teaching. Laboratory time arranged.
Prerequisite: Permission of instructor or admission to Teacher Education
Additional Course Fee Required
BIOL 472 – Ichthyology 3 credit hours
The study of fish with a focus on classification, anatomy, distribution, ecology, physiology and management of fishes. Three hours of laboratory or field work each week.
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor.
Additional Course Fee Required

BIOL 473 – Ornithology 3 credit hours
The study of birds, including evolution, systematics, morphology, physiology, reproduction, behavior, ecology, natural history and conservation. Three hours of laboratory or field work each week with emphasis on field methods and identification of Nebraska species.
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor.
Additional Course Fee Required

BIOL 474 – Mammalogy 3 credit hours
Introduction to mammals; ecology, classification, physiology, and behavior. Three-hour laboratory per week for preparation and identification of specimens.
Prerequisite: BIOL 105 or permission of instructor.
Additional Course Fee Required

BIOL 475 – Internship in Biology 1-15 credit hours
Students should have completed coursework related to the internship experience. This course involves practical experience and emphasizes the professional development of the individual student.
Total Credits Allowed: 15.00
Prerequisite: At least 12 hours of Biology and junior or senior standing and permission of instructor.

BIOL 482 – Seminar in Molecular Biology 1 credit hour
An in-depth discussion of current topics in molecular biology. Guest speakers, faculty and students will give presentations weekly. Some presentations will consist of the students reading an assigned paper followed by an oral presentation of its contents. Student participants are expected to read all journal articles presented, whether they are presenting or not. Molecular biology majors must obtain two hours credit to fulfill the requirements for the Molecular Biology Comprehensive major.
Total Credits Allowed: 5.00
Prerequisite: BIOL 360 or permission of instructor

BIOL 485 – Molecular Genetics 3 credit hours
An in-depth study of gene structure and replication in prokaryotes and eukaryotes. Gene function in developing and differentiating cells will also be studied in detail.
Prerequisite: BIOL 360 or BIOL 461

Business Administration (BSAD)

BSAD 100 – Exploring Business 1 credit hour
The goal of this course is to help the student make a successful transition from high school to the College of Business and Technology by providing the opportunity to explore the various business disciplines and associated campus and career opportunities. The student will be asked to take an active involvement in academic issues and topics such as the facilities and offerings provided by the College of Business and Technology, requirements for successful course and program completion, and the values and skills that lead to professional and personal success.

BSAD 115 – Introduction to Business 3 credit hours
This course provides an overview of business concepts including entrepreneurship, government and business, international business, financial concepts, and economic issues. Students are provided with an integrated and practical approach to current business practices in all functional areas of business.

BSAD 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

BSAD 280H – Special Topics 1-3 credit hours
Total Credits Allowed: 3.00

BSAD 295 – Business Communications 3 credit hours
Current trends in written and oral business communications are covered in this course. Students will learn strategies for developing effective written communications including business letters, e-mail messages, memos, reports, and proposals. Oral communications skills including working in teams, listening, and nonverbal communications are discussed. Techniques for giving effective oral presentations are a part of the course.
Prerequisite: ENG 101 or ENG 102 or English ACT score of 29 or above.

BSAD 400 – Professional Readiness 1 credit hour
The goal of this course is to help the student make a successful transition from the College of Business & Technology to future professional success. Student leadership will be required in various forms in order to determine accomplishment of designated learning goals. Students will also be expected to take an active involvement in activities designed to further enhance professional readiness and help establish positive future connections with the College and business communities.
Prerequisite: Junior or senior standing and Business Administration or Agribusiness Major.

BSAD 499 – Special Problems in Business 1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making. Must be approved by Department Chair.
Department Consent Required
Total Credits Allowed: 3.00

Business Education (BSED)

BSED 102 – Writing for the Professions 3 credit hours
This course focuses on writing utilizing information gleaned from library sources, required readings, and other selected materials. Students will critically analyze various assigned materials and develop a logical written document with supporting evidence using appropriate style and tone. Conventions of written English will be used to construct a logical argument appropriate to the targeted audience. Secondary sources will be evaluated for credibility.
Prerequisite: ACT Score of 28 OR ENG 101 and word processing skills.

BSED 121 – Office Information Processing 3 credit hours
Special emphasis on speed, skill building, business communications, and formatting skills.
BSED 314 – Information Technology: Networking  
This course will present information and provide skills needed by education majors to supervise and maintain networked computer lab systems.

BSED 315 – Information Technology: Presentation Software  
1 credit hour
Students will develop expertise in utilizing presentation software as a communication tool.

BSED 316 – Information Technology: Telecommunications  
1 credit hour
This course will provide an overview of what type of information is available on Internet, how one can assess this information, and how use of the Internet can be incorporated in classroom and business environments.

BSED 402 – Career, Business, and Technology Principles  
3 credit hours
This course examines career and technical development, stakeholder engagement, and new and emerging business and computer technologies to promote learning. Subject integration, application of standards, use of web-based sources and resource management is applied. Hands-on experience in desktop publishing and a variety of software programs related to business are provided.

BSED 431 – Coordinating Techniques  
3 credit hours
This course analyzes vocational cooperative programs and their relationship to the comprehensive school curriculum for combining school-based and work-based learning. The challenges of developing and implementing an effective work-based learning experience are explored. Emphasis is placed on the organization and supervision of cooperative programs, the duties and responsibilities of the coordinator, the selection and placement of students, the evaluation of training stations, and the evaluation of student occupational competencies.

BSED 470 – Career Education Methods  
3 credit hours
Course is designed to prepare students to teach business education in grades 7-12 and middle school grades. The course covers instructional strategies, methods, and procedures for teaching business education content at the secondary and middle school levels. Students gain knowledge of available resources, development of teaching materials, lesson plans and unit plans, utilization of technology in the teaching of business education classes, and identification and selection of appropriate assessment techniques.
Prerequisite: Admission to Teacher Education Program.

BSED 475 – Internship  
1-15 credit hours
A work experience program planned for students preparing for employment in business, industry and teaching. The learning situation is supervised by the academic department and personnel of selected industries. Work experience approved by the Department.
Total Credits Allowed: 15.00

BSED 499 – Special Problems in Business  
1-3 credit hours
In this course the student completes an independent project investigating current trends and important issues in business education. The project is subject to approval by the instructor and Department Chair, should enhance the student's existing knowledge of the topic(s) to be studied, and relate to business education.
Department Consent Required
Total Credits Allowed: 3.00

Chemistry (CHEM)

CHEM 101 – Chemistry & Current Events  
4 credit hours
This course offers an exploration of chemistry from the non-majors point of view with an emphasis on concepts and critical thinking and is designed for online-only students. It offers a fully hands-on laboratory experience using specialized kits at home with online lectures and discussion. This course may not be used toward requirements for a degree in chemistry.

CHEM 145 – Introductory Chemistry  
4 credit hours
Introductory course in the fundamental laws and principles of chemistry including a study of the properties of elements and their compounds. Three lectures, one laboratory each week. Credit for this course may be obtained by examination.
Additional Course Fee Required

CHEM 150 – Introduction to Organic and Biochemistry  
4 credit hours
An introduction to fundamental concepts of chemistry with special attention to organic and biological chemistry. Applications of chemistry concepts in materials, energy use, nutrition, health, drugs, and toxic substances are emphasized. Not applicable to a major or minor in chemistry. Three lectures, one lab per week.
Additional Course Fee Required

CHEM 160 – General Chemistry  
3 credit hours
The first semester of a comprehensive year course in chemistry that includes the principles and theories of modern chemistry. This course is designed for students who need a sound introduction to the discipline of chemistry, and it is the prerequisite for advanced chemistry courses. A student should have high school chemistry and/or two years of high school algebra before enrolling in this course. If this is not the case, take CHEM 145 and/or MATH 102 to prepare for chemistry at this level. Three lectures each week. Credit for this course may be obtained by examination.
Prerequisite: MATH 102 or Math ACT score of 22 or above or permission of instructor.
Corequisite: CHEM 160L.

CHEM 160L – General Chemistry Laboratory  
1 credit hour
Take concurrently with CHEM 160.
Corequisite: CHEM 160
Additional Course Fee Required

CHEM 161 – General Chemistry  
3 credit hours
Second semester of the comprehensive year course in chemistry. Three lectures each week.
Prerequisite: Grade of C or above in CHEM 160 and CHEM 160L or advanced placement.
Corequisite: CHEM 161L.

CHEM 161L – General Chemistry Laboratory  
1 credit hour
Take concurrently with CHEM 161.
Corequisite: CHEM 161
Additional Course Fee Required
CHEM 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

CHEM 250 – Elementary Organic Chemistry  4 credit hours
A survey of the field of organic chemistry designed primarily for students who do not expect to become chemists or chemical engineers. Covers the same topics as CHEM 360 and CHEM 361, but less rigorously. Four lectures, one lab per week. Counts toward chemistry minor.
Prerequisite: Grade of C or above in CHEM 161 and CHEM 161L or CHEM 180 and CHEM 180L or equivalent.
Corequisite: CHEM 250L.

CHEM 250L – Elementary Organic Chemistry Lab  1 credit hour
Corequisite: CHEM 250.
Additional Course Fee Required

CHEM 259 – Sophomore Seminar in Chemistry  1 credit hour
The first of three seminars for Chemistry majors. Includes an introduction to chemical safety and hygiene, research opportunities in the dept, possible careers in Chemistry, and an introduction to scientific literature resources. One hour per week.
Prerequisite: CHEM 161 and CHEM 161L OR CHEM 180 and CHEM 180L.

CHEM 280H – Special Topics  3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

CHEM 300 – Environmental Chemistry  3 credit hours
A study of the fate of chemicals in the air, water, and soil, and their impact on human health and the natural environment. Topics will include water pollution and water treatment, greenhouse gases and ozone-layer destruction, sources and management of hazardous wastes, and environmental toxicology of specific industrial and agricultural chemicals.
Total Credits Allowed: 4.00
Prerequisite: Grade of C or above in CHEM 161 and CHEM 161L

CHEM 301 – Analytical Chemistry  3 credit hours
Take concurrently with CHEM 301L. This will provide a short, engaging elementary introduction to modern analytical chemistry for students whose primary interests lie inside or outside of chemistry. The laboratory experiments in the accompanying laboratory (CHEM 301L) are designed to give students hands-on experience in the use of modern instruments, with emphasis on environmental and pharmaceutical samples. Three lectures per week.
Prerequisite: CHEM 161 and CHEM 161L OR CHEM 180 and CHEM 180L or equivalent.
Corequisite: CHEM 301L.

CHEM 301L – Analytical Chemistry Lab  1 credit hour
Corequisite: CHEM 301.
Additional Course Fee Required

CHEM 351 – Biochemistry  3 credit hours
A study of the structure and function of the fundamental biomolecules including proteins, nucleic acids, carbohydrates, lipids and vitamins. The course concludes with the chemistry and regulation of the metabolic pathways glycolysis, the citric acid cycle and oxidative phosphorylation. Three lectures per week; must be taken concurrently with CHEM 351L.
Prerequisite: Grade of C in CHEM 250 and CHEM 250L OR CHEM 360 and CHEM 360L.
Corequisite: CHEM 351L.

CHEM 351L – Biochemistry Lab  1 credit hour
Corequisite: CHEM 351.
Additional Course Fee Required

CHEM 352 – Biochemistry II  3 credit hours
This course is a continuation of CHEM 351 and begins with discussion of additional topics in metabolism such as carbohydrate biosynthesis in plants and bacteria as well as hormonal regulation of metabolism. Our discussion then turns to the biochemistry of biological information pathways. Three lectures per week.
Prerequisite: Grade of C or above in CHEM 351 and CHEM 351L
Corequisite: CHEM 352L.

CHEM 352L – Biochemistry II Lab  1 credit hour
Corequisite: CHEM 352.
Additional Course Fee Required

CHEM 355 – Organic Chemistry  4 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

CHEM 360 – Organic Chemistry Laboratory  1 credit hour
Take concurrently with CHEM 360.
Corequisite: CHEM 360.
Additional Course Fee Required

CHEM 361 – Organic Chemistry  4 credit hours
A continuation of CHEM 360. Four lectures per week.
Prerequisite: Grade of C or above in CHEM 360 and CHEM 360L.
Corequisite: CHEM 361L.

CHEM 361L – Organic Chemistry Laboratory  1 credit hour
Take concurrently with CHEM 361.
Corequisite: CHEM 361.
Additional Course Fee Required

CHEM 369 – Junior Seminar in Chemistry  1 credit hour
Second of three seminars for Chemistry majors including an introduction to analysis of scientific journals using both written and oral formats, and discussion of research and scientific ethics. One hour per week.
Prerequisite: Completion of or concurrent enrollment in CHEM 269.
CHEM 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

CHEM 388L – GS Capstone Lab  1 credit hour
Corequisite: CHEM 388.

CHEM 399 – Chemistry Apprenticeship  1-4 credit hours
The chemistry apprenticeship program is meant to provide meaningful experiences such as teaching and preparation of demonstrations. The apprentice will work mainly with one member of the department whose permission must be obtained before registration.
Total Credits Allowed: 4.00

CHEM 430 – Inorganic Chemistry  3 credit hours
A study of the underlying principles behind the structural and spectroscopic properties of inorganic compounds. Lecture topics include symmetry, molecular orbital theory, solid-state structures, transition metal chemistry, and organometallics. The laboratory will focus on preparation and characterization methods for inorganic compounds. Three lectures per week.
Prerequisite: Grade of C of above in CHEM 161 and CHEM 161L or CHEM 180 and CHEM 180L and MATH 202 and either PHYS 205 and PHYS 205L or PHYS 275 and PHYS 275L.
Corequisite: CHEM 430L.

CHEM 435 – Special Topics in Chemistry  1-3 credit hours
Topics are studied which are not covered in other courses offered by the department. The format will vary depending upon the nature of the topic and the instructor but will typically be a seminar/discussion format with lab work included as appropriate.
Department Consent Required
Total Credits Allowed: 3.00

CHEM 440 – Materials Chemistry  3 credit hours
A study of solid-state compounds and the relationships between overall physical properties and atomic or molecular-level structure. Topics may include crystalline and amorphous solid structures, metals, semiconductors, polymers, nanomaterials, and characterization techniques.
Prerequisite: CHEM 430 and CHEM 480 or permission of instructor.

CHEM 451 – Advanced Biochemistry  3 credit hours
This course covers the basic principles of intermediary metabolism and the application of biochemical principles of living systems. Three lectures per week.
Prerequisite: CHEM 352 and CHEM 352L.

CHEM 461 – Qualitative Organic Analysis  3 credit hours
A study of classical and spectroscopic techniques used in the identifications of organic compounds including the application of NMR, FTIR, UV/Vis, and mass spectroscopy. Three lectures per week.
Prerequisite: Grade of C or above in CHEM 361 and CHEM 361L.

CHEM 469 – Senior Seminar in Chemistry  1 credit hour
The third of three seminars in chemistry including a critical examination and discussion of recent accomplishments of chemical investigations, career preparation with respect to resumes, interviewing techniques, and professional exam preparation. One hour per week.
Prerequisite: CHEM 480 and CHEM 480L and CHEM 369.

CHEM 470 – Advanced Organic Chemistry  3 credit hours
This course will cover advanced theoretical aspects of organic chemistry. Areas of emphasis will be bonding, spectroscopy, synthesis, and mechanism. Three lectures per week.
Prerequisite: CHEM 361 and CHEM 361L.

CHEM 475 – Instrumental Analysis  3 credit hours
Take concurrently with CHEM 475L. The study of modern methods of analysis using chemical instrumentation. Three lectures per week.
Prerequisite: CHEM 301 and CHEM 301L and CHEM 480 and CHEM 480L or permission of instructor.
Corequisite: CHEM 475L.

CHEM 480 – Physical Chemistry  3 credit hours
The first semester of a two semester sequence covering the physical basis of chemistry including topics of quantum mechanics, spectroscopy, elementary thermodynamics, phase transitions, solutions, and kinetics. Three lectures per week.
Prerequisite: PHYS 205 or PHYS 275 and grade of C or above in CHEM 301 and MATH 115.

CHEM 481 – Physical Chemistry II  3 credit hours
The second semester of a two semester sequence covering the physical basis of chemistry including topics of quantum mechanics, spectroscopy, elementary thermodynamics, phase transitions, solutions, and kinetics. Three lectures per week.
Prerequisite: Grade of C or above in CHEM 480.

CHEM 482 – Physical Chemistry for the Life Sciences  3 credit hours
A single semester survey of physical chemistry with a Biochemistry emphasis. Topics include thermodynamics, kinetics, and structure, spectroscopy of biochemical systems. Three lectures per week.
Prerequisite: PHYS 205 or PHYS 275 and grade of C or above in CHEM 301 and MATH 115.

CHEM 489 – Internship in Chemistry  1-15 credit hours
This course will be taken in the last two years of the chemistry major and will emphasize professional development of the individual student.
Department Consent Required
Total Credits Allowed: 15.00

CHEM 490L – Advanced Chemistry Laboratory I  2 credit hours
The first semester of a full year interdisciplinary chemistry lab covering techniques from inorganic, physical, instrumental, advanced organic, and materials chemistry focusing on larger projects including synthesis of many types of materials, measurement of physical properties, and understanding and application of modern instrumentation and spectroscopic methods.
Prerequisite: Completion of or current enrollment in CHEM 430 or CHEM 480 or CHEM 475.
Additional Course Fee Required
**CHEM 491L – Advanced Chemistry Laboratory II** 2 credit hours
The second semester of a full year interdisciplinary chemistry lab covering techniques from inorganic, physical, instrumental, advanced organic, and materials chemistry focusing on larger projects including synthesis of many types of materials, measurement of physical properties, and understanding and application of modern instrumentation and spectroscopic methods. 
Prerequisite: CHEM 490L
Additional Course Fee Required

**CHEM 499L – Problems in Chemistry** 1-3 credit hours
Independent investigations of chemistry problems. Three hours of laboratory work each week for each hour credit.
Department Consent Required
Total Credits Allowed: 6.00

**Chinese (CHIN)**

**CHIN 100 – Beginning Chinese I** 5 credit hours
Introduction to Chinese language.

**CHIN 101 – Beginning Chinese II** 5 credit hours
Oral practice on topics related to daily life and to performing specific tasks.
Prerequisite: CHIN 100

**Communication Disorders (CDIS)**

**CDIS 110 – Articulation for Non-Native Speakers of English** 1 credit hour
Designed for students with limited English proficiency. Provides practice in pronunciation of American English and comprehension and use of conversational language, including idioms, slang, homonyms, prepositions, vocabulary, grammar, and rules of discourse. Individual assistance will be arranged. May be taken up to 3 times. 
Total Credits Allowed: 3.00

**CDIS 188 – GS Portal** 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

**CDIS 210 – Survey of Communication Disorders** 3 credit hours
Nature, causes and treatment of communication disorders as an educational field for Communication Disorders majors, special education and elementary education majors, and others who desire a knowledge of communication disorders, speech/language pathology and audiology as professional disciplines. This course is not recommended for first semester freshmen. Prerequisite for other speech pathology courses. Observation hours required.

**CDIS 215 – Introduction to Phonetics** 3 credit hours
Vocal mechanism and the International Phonetic Alphabet. Designed to develop skill in the use of IPA and in the analysis of defective speech sounds.

**CDIS 252 – Anatomy & Physiology of the Speech Mechanism** 3 credit hours
Study of the anatomy and physiology of the speech mechanism.

**CDIS 261 – Normal Language Development** 3 credit hours
This course provides an introduction to and exploration of the processes by which humans acquire and use spoken and written language, including comprehension, expression, and development (progression & growth). This course is primarily for CDIS majors.

**CDIS 311 – Clinical Methods and Procedures in Communication Disorders** 3 credit hours
Familiarizes students with basics of clinical interaction including observation skills, rapport, behavioral objectives, recording progress, and report writing. Provides a basis for accruing 25 clock hours of clinical observation.
Prerequisite: CDIS 210 and CDIS 354 or CDIS 362.
Corequisite: CDIS 312 and TE 319.

**CDIS 312 – Field Experience in Communication Disorders** 1 credit hour
This field-based experience is designed to meet the clinical observation requirement of the American Speech-Language-Hearing Association (ASHA) for majors in communication disorders. In addition this experience partially fulfills the state of Nebraska field experience requirement for students obtaining a teaching certificate. 
Total Credits Allowed: 2.00
Prerequisite: CDIS 210

**CDIS 321 – Early Communicative Development for the Teacher** 2 credit hours
This is a study of normal and abnormal language development, covering the period from birth through eight years of age. The course addresses normal speech and language development, types of language disorders and why/how the disorders develop. Procedures for identifying infants, toddlers and children as being at risk for developing communication will be discussed.

**CDIS 323 – Introduction to Infant Testing** 1 credit hour
This course provides an introduction to diagnostic principles, procedures and tools used in assessment of infants.

**CDIS 335 – Speech and Hearing Science** 3 credit hours
Introduction to the process of human speech communication. Acoustic and physiological aspects of speech production, hearing, and speech perception are presented along with an overview of instrumentation in speech pathology and audiology.
Prerequisite: CDIS 210 and CDIS 252

**CDIS 350 – The Psychology of Speech/Language Pathology** 3 credit hours
A study of psychological factors in human communication, in disturbed communication, in evaluation and therapy.
Prerequisite: CDIS 210 and PSY 203

**CDIS 352 – Normal and Disordered Language: 6-12 Years** 3 credit hours
This class is an introduction to language/learning acquisition, three levels of cognitive or meaning organization and the notion that language is a tool that represents learning. The course is designed to facilitate students’ understanding that language acquisition is basic. Guidelines and strategies to be used by classroom teachers and speech/language pathologists to facilitate students’ learning and to compensate for individual differences in learning will be presented. Course covers identification, assessment, and intervention. For non-majors only.
CDIS 354 – Preschool Language Disorders  3 credit hours
This course explores the nature and characteristics of language disorders in preschool-age children, birth to age 8 years. General principles of language assessment and intervention are presented. Observation hours required.
Prerequisite: CDIS 261

CDIS 356 – Adolescent Language and Communication Disorders  2 credit hours
Study of normal and disordered communication skills of adolescents. Identification and assessment procedures. Classroom and clinical management. Observation hours required.
Prerequisite: CDIS 261

CDIS 362 – Articulation Disorders  3 credit hours
A presentation of principles and procedures for identification, assessment, and treatment of persons with articulation disorders. Observation or practicum hours required.
Prerequisite: Completion of or concurrent enrollment in CDIS 215.

CDIS 363 – Methods for Language Disorder  3 credit hours
This course provides insight into strategies that educators may find helpful in working with school-aged students who exhibit language-learning differences. This course is not for Communication Disorders majors.
Prerequisite: CDIS 261

CDIS 406 – Adult Communication Disorders  2 credit hours
This course provides an overview of communication disorders in adult and geriatric populations. The course will introduce students to the etiologies underlying adult communicative disorders and general characteristics of the various disorders that include hearing loss, stroke, dementia, laryngectomy, degenerative and neurological disorders, etc.
Prerequisite: CDIS 252 and junior standing

CDIS 410 – Introduction to Audiology  3 credit hours
Basic kinds of audiometric testing, disorders, anatomy, and functioning of the ear. Observation of hearing evaluations and administration of pure tone audiometric tests is required.
Prerequisite: CDIS 335

CDIS 413 – American Sign Language I  3 credit hours
Performance course dealing with the expressive and receptive aspects of basic sign language. Designed for persons working with the hearing disabled, nonverbal, or non-communicating individual.
Prerequisite: CDIS 252

CDIS 415 – Aural Rehabilitation  3 credit hours
Study of the objectives and techniques for working with individuals with hearing loss.
Prerequisite: CDIS 210 and CDIS 410

CDIS 416 – American Sign Language II  3 credit hours
This course will provide intermediate instruction in sign language, both Signed English (SEE) and American Sign Language (ASL). Issues of deaf culture will be addressed.
Prerequisite: CDIS 413

CDIS 420 – Research in Communication Disorders  3 credit hours
This course is designed to help students of communication disorders to become critical readers of research in the field and to demonstrate the relevance of basic and applied research for evaluation and therapy in speech-language pathology and audiology. The course will include research strategies and research design in communication disorders in addition to measurement issues and organization and analysis of data.
Prerequisite: Senior level standing.

CDIS 433 – Clinical Practicum in Audiology  1 credit hour
Experience in administration and interpretation of clinical assessment methods used in diagnostic audiology. Recommended for students considering a career in audiology. May be repeated.
Prerequisite: CDIS 410 or permission of instructor.

CDIS 440 – Augmentative/Alternative Communication  3 credit hours
A course for those interested in communication options for persons who are unable to meet their daily communication needs through natural modes such as speech, gestures, or handwriting. Provides an overview of assessment, available technologies and procedures used.
Department Consent Required
Prerequisite: Junior standing

CDIS 460 – Independent Study and Research  1-3 credit hours
Investigation of selected problems or topics on an individual basis. Designed to serve students in Communication Disorders who desire additional study in their chosen areas of expertise.
Department Consent Required
Total Credits Allowed: 3.00

CDIS 470 – Professional Issues in Speech/Language Pathology  3 credit hours
Provides information relative to federal and state guidelines by which the practice of speech-language pathology is governed. Addresses rights and responsibilities of speech/language pathologists. Gives information about work settings including public schools, hospitals and other clinical facilities.
Prerequisite: Senior standing

CDIS 480A – Clinical Practicum in Speech/Language Pathology  2 credit hours
Supervised experience in assessment and treatment of communication disorders. May be repeated two semesters to accumulate a minimum of 50 hours of clinical practicum.
Department Consent Required
Additional Course Fee Required

CDIS 480B – Clinical Practicum in Speech/Language Pathology  2 credit hours
Supervised experience in assessment and treatment of communication disorders. May be repeated two semesters to accumulate a minimum of 50 hours of clinical practicum.
Prerequisite: CDIS 311 and CDIS 336 and CDIS 362
Additional Course Fee Required

CDIS 480C – Clinical Practicum in Speech/Language Pathology  2 credit hours
Supervised experience in assessment and treatment of communication disorders. May be repeated two semesters to accumulate a minimum of 50 hours of clinical practicum.
Prerequisite: CDIS 311 and CDIS 336 and CDIS 362
Additional Course Fee Required

CDIS 488 – Senior Seminar  3 credit hours
This course is designed in the traditional research seminar format. The student is expected to develop and demonstrate clear analytical thinking and competence in oral and written communication of findings from the professional literature on topics of relevance to the profession of speech language pathology.
Prerequisite: Senior standing
CDIS 498 – Special Topics  1-3 credit hours
Topics concerning current developments in speech/language pathology. The approach will vary depending upon the topic, the instructor, and the needs of students. (May be taken twice.)
Total Credits Allowed: 6.00

Computer Science and Information Technology (CSIT)

CSIT 100 – Computing Environments  1 credit hour
This course presents any one of a variety of currently demanded computer topics. It focuses on hands-on exposure to computer-based enhancement of personal productivity. Grading method is credit/no credit.

CSIT 100.1 – Computing Environments: Word Processing  1 credit hour
CSIT 100.2 – Computing Environments: Spreadsheet  1 credit hour
CSIT 100.3 – Computing Environments: Database  1 credit hour
CSIT 100.5 – Computing Environments: Presentation Graphics  1 credit hour
CSIT 100.6 – Computing: Networking  1 credit hour
CSIT 100.9 – Computing Environments: Software Sampler  1 credit hour
CSIT 100D – Computing Environments: Windows  1 credit hour
CSIT 100E – Computing Environments: WWW Home Pages  1 credit hour
CSIT 100F – Computing Environments: MVS  1 credit hour
CSIT 100G – Computing Environments: JCL  1 credit hour
CSIT 210 – Structured Transaction Programming  3 credit hours
This is an introductory programming course. The topics include basic computer concepts and terminology, in conjunction with program development using elements of a programming language. Stress is placed upon transaction processing algorithm using structured programming. The assignments are exercises that develop in-depth skills and techniques from the lecture topics. CSIT 100.F MVS and CSIT 100.G JCL are recommended co-requisites.

CSIT 310 – Programming Data and File Structures  3 credit hours
Study of advanced structured COBOL programming techniques and applications with respect to table handling, subprograms, sequential files, and indexed sequential files.
Prerequisite: CSIT 210

CSIT 350 – Information Systems Concepts  3 credit hours
This course deals with the role, structure and objectives of information systems. Other topics include theory of systems and information, decision support, human considerations, applications of information systems, system evaluation and selection.
Prerequisite: Completion of CSIT 111 or CSIT 130 and ENG 102
Enrollment not allowed in CSIT 350 if MIS 302 has been completed

CSIT 380 – Systems Analysis and Design  3 credit hours
Explore the System Development Life Cycle. Learn tools and strategies for system and information analysis, including need identification, feasibility studies, data and process modeling, requirements assessment, project management and group dynamics.
Prerequisite: Completion of CSIT 150 Enrollment not allowed in CSIT 380 if MIS 381 has been completed.

CSIT 399 – Campus Lab Consultantship  1-3 credit hours
Work in campus computer labs as a consultant to computer science and computer information technology students. (A total of three credit hours in any combination of CSIT 399 and CSIT 492-495 may be applied toward a computer science/information technology major or minor.)
Department Consent Required
Total Credits Allowed: 9.00

CSIT 405 – Compiler Construction  3 credit hours
Techniques and organization of compilers, assemblers, and interpreters. Structure of programming language symbol tables, scans, and object code generation.
Prerequisite: CSIT 402

CSIT 426 – Computer Architecture  4 credit hours
The study of the logic and theory of operation of the main hardware blocks of computers, their control, and their software/hardware interactions. The emphasis is on microcomputer architecture, including laboratory experiments with various systems and their I/O and interfacing characteristics.
Prerequisite: PHYS 205 and PHYS 205L or PHYS 275 and PHYS 275L and six hours of CSIT courses preferably CSIT 130 and CSIT 310.

CSIT 428 – Data Communications and Distributed Processing  3 credit hours
The study of network topology, protocols, management, and communication media. Evaluate present communication hardware, software, and future advancements in networking.
Prerequisite: CSIT 130 or CSIT 434 or ITEC 345

CSIT 493 – Directed Readings in Computer Science/Information Technology  1-3 credit hours
Independent readings on advanced or contemporary topics in computer science/ information technology, to be selected in consultation with and directed by a computer science/ information technology faculty member. A written contract specifying readings and requirements for the course is required before registering for the course. Any topic that is thoroughly covered by any regularly offered computer science or information technology course is not allowed for Directed Readings. Upon completion of the project a format presentation will be given by the student to all interested parties. (A total of three credit hours of any combination of CSIT 399 and CSIT 492-495 may be applied toward a computer science/information technology major or minor.)
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: CSIT 150 and permission of department chair

CSIT 497 – Seminar in Information Technology  3 credit hours
This course provides experience and background that will prepare the student for an actual working environment. Reinforcement and validation of knowledge gained in previous course work, enhancement of communication skills, and learning to work with people will be stressed. Primary tasks will include a team-based information systems development project and the study of ethics for CS/IT professionals.
Prerequisite: Completion of CSIT 380 and completion of or concurrent enrollment in CSIT 425.
Additional Course Fee Required
Counseling and School Psychology (CSP)

CSP 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Prerequisite: First year freshman standing or sophomore standing only.

CSP 404 – Counseling & Mental Disorders 2 credit hours
This course provides an orientation to the various abnormal behaviors and mental disorders that may be encountered in students/clients by counselors, athletic trainers, school psychologists, and student affairs personnel. It introduces medical model terminology, symptomatology of disorders, and current treatments associated with the various disorders.

CSP 407 – Clinical Treatment Issues in Addictions Counseling 3 credit hours
This course is intended to meet the requirements for licensure as a Licensed Alcohol and Drug Counselor as 45 hours of clinical treatment issues in chemical dependency. The student will receive education such as the study of treatment issues specific to chemical dependency including denial, resistance, minimization, family dynamics, relapse, cross-addiction, co-occurring disorders, spirituality, and influences of self-help groups. The education will include studying chemical dependency clinical treatment needs of individuals taking into consideration gender, culture, and lifestyle.

CSP 408 – Assessment, Case Planning & Management of Addictions 3 credit hours
This course addresses the process of collecting pertinent data about client or client systems and their environment and appraising the data as a basis for making decisions regarding alcohol/drug disorder diagnosis and treatment and/or referral. Instruction on coordinating and prioritizing client treatment goals and working with other services, agencies and resources to achieve those treatment goals are included. The course addresses practice in assessing and managing a case including the development of sample case records and utilizing the written client record to guide and monitor services with emphasis on the development of the social history and intake, initial assessment, individual treatment plan with measurable goals and objectives, documentation of progress and ongoing assessment. Confidentiality of client information and records as defined in 42 CFR Part 2 shall be addressed. The strengths and weaknesses of various levels of care and the selection of an appropriate level for clients are studied. Basic information on two or more objective assessment instruments are studied for alcohol/drug disorders including the Substance Abuse Subtle Screening Inventory (SASSI), Addiction Severity Index (ASI), and the Western Personality Inventory. This course meets the requirements for licensure as a Licensed Drug and Alcohol Counselor as 30 hours of alcohol/drug assessment, case planning and management.

CSP 409 – Medical & Psychosocial Aspects of Addictions 3 credit hours
This course addresses the physiological, psychological and sociological aspects of alcohol/drug use, abuse and dependence. The classifications and basic pharmacology of drugs, basic physiology and the effects of drug use on the systems of the human body and alcohol and drug tolerance are discussed. The course also includes the etiological, behavioral, cultural and demographical aspects and belief systems about alcohol/drug use along with the processes of dependence and addiction including signs, symptoms and behavior patterns. This course meets the requirements for licensure as a Licensed Drug and Alcohol Counselor as 45 hours of medical and psychosocial aspects of alcohol/drug use, abuse and addiction.

CSP 410 – Psychology of Classroom Discipline 3 credit hours
Study of current models of classroom management psychology emphasizes the importance of teacher personality and interactive style in relation to classroom environment. A major focus is on the quality of the teacher/student relationship and kinds of interaction which enhance motivation and learning.

CSP 417 – Counseling Skills 3 credit hours
This class is for those entering or already in one of the helping professions. It focuses on understanding and applying a broad range of listening and communication skills in one-to-one interactions as well as in small group settings. Students actively practice building skills in class.

CSP 418 – Introduction to Counseling and Social Advocacy 3 credit hours
This course is designed to introduce the student to the broad field of counseling and to provide an orientation to counseling as a helping profession. A knowledge base related to the characteristics and training of effective counselors as well as a description of clients who enter counseling is the content foundation of this course. This involves both information and experience focused on the nature of helping relationship and the skills, attitudes, and beliefs involved in developing and maintaining this relationship. Finally, the therapeutic benefits to the client are explored.

CSP 420 – Learning from Children 3 credit hours
This course provides opportunity to study teaching/learning interactions in which the teacher is a child and the learner is an adult. There is direct observations of child/adult interactions, a brief study of class members’ recollections of their own childhoods, and a study of neotenous (childlike) adults. The course will be graded credit/no credit, undergraduate/graduate credit.

CSP 441 – Special Topics 1-3 credit hours
This course addresses current issues related to counseling and school psychology. The course format varies depending on subject matter, instructor and student needs.
Total Credits Allowed: 8.00

CSP 499 – Independent Study 1-2 credit hours
The student along with an advisor from the department will select an appropriate topic to be studied.
Total Credits Allowed: 2.00

Criminal Justice (CJUS)

CJUS 101 – Introduction to Criminal Justice 3 credit hours
This course is intended to provide a broad understanding of the functional components of the criminal justice system and their interrelationship. It will also provide a basic understanding of the American crime problem.
CJUS 102 – Crime, Democracy and Justice 3 credit hours
This course is intended to provide a broad understanding of the American criminal justice system. This course will evaluate the evolution of criminal justice in the United States, with particular attention paid to the role that individual rights play in democracy and justice.

CJUS 103 – Orientation to Criminal Justice 1 credit hour
This course provides a review of academic, professional and career planning issues of a criminal justice major. Offered only as credit/no credit.
Prerequisite: CJUS 101

CJUS 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

CJUS 201 – The Juvenile Justice System 3 credit hours
This course is intended to introduce various components that comprise the juvenile justice system. Topics will include juvenile courts, role modeling, interaction between youth and the juvenile justice system, and the future of the juvenile justice system.
Prerequisite: CJUS 101

CJUS 215 – Correctional Services and Systems 3 credit hours
This course covers the historical development of corrections leading to an analysis of our correctional process and systems in contemporary America.
Prerequisite: CJUS 101

CJUS 230 – The Police Service 3 credit hours
This course is intended to introduce students to the major developments and problems in policing. Topics will include rights and responsibilities of the uniformed officer, patrol and manpower distribution theories, police unionism, ethics and corruption, community relations, and the police subculture as a distinct value system.
Prerequisite: CJUS 101

CJUS 250 – Criminal Justice Research Methods I 3 credit hours
A course intended to give students an introduction to research methods in the field of criminal justice. Topics will include ethics in social science research, research design, and program evaluation.
Prerequisite: STAT 235 or STAT 241

CJUS 310 – Community Based Corrections 3 credit hours
This course is concerned with correctional theory and practice as they are applied in the community setting. Specific areas of concern are probation, parole, diversion, and nontraditional community correctional programs. The application of community resources and responsibilities with the needs of offenders in the criminal justice system is a primary focus of the course. Some contrasts and comparisons are made with the institutional correctional setting.
Prerequisite: CJUS 215

CJUS 315 – Victimology: Victims of Crime 3 credit hours
This course is designed to introduce the students to the overall problems dealing with victimization. Areas covered will include homicides, child abuse and neglect, rape, spouse abuse, abuse to the elderly, and other victimizations along with the post traumatic stress involved. The philosophy, history, and objectives of victimology will be reviewed in additions to the Victims’ Rights Movement and research findings about victims. This course is designed to assist students in relating to victims of crime in a professional manner.

CJUS 321 – Technology in Criminal Justice 3 credit hours
This course is designed to introduce students to some of the major developments and issues in technology that are facing the criminal justice system. Students will explore topics such as cybercrime, digital investigation and evidence preservation, use of technology in the commission of sex crimes, fraud, hacking, terrorism, and the legal issues and statutes surrounding the use of technology in the commission of crime and in the investigation of crimes involving technology.
Prerequisite: CJUS 101

CJUS 326 – Theories of Crime and Criminal Law 3 credit hours
This course is intended to introduce students to the philosophical foundations of criminal law, as well as the various theories that have been proposed to address criminal offending and the prevention of crime. Students will evaluate each theory within the context of the crime and the criminal justice system in the United States.
Prerequisite: CJUS 101

CJUS 340 – Criminal Evidence, Procedure and the Courts 3 credit hours
The emphasis of this course will be on the concept of evidence and the rules governing its admissibility. There will also be theoretical and pragmatic considerations of constitutional requirements affecting evidence and procedure.
Prerequisite: CJUS 101

CJUS 345 – Criminal Law 3 credit hours
Examines the foundation and elements of criminal law. Special emphasis is placed upon the definition of crime, criminal liability, defenses to criminal liability and the sanctions for committing crime.
Prerequisite: CJUS 101

CJUS 350 – Organized Crime 3 credit hours
Designed to examine the different organized criminal elements in American society. This examination will include their economic effect on society, law enforcement efforts to minimize that effect, the major criminal areas involved in their day-to-day operations, and the historical development of the criminal groups as they exist today.
Prerequisite: CJUS 101

CJUS 353 – Crime Prevention and Security 3 credit hours
Concerned with the security and safety of communities, businesses, and individuals. It emphasizes the needs for citizen involvement, private industry and business participation, educational programs, in cooperation with criminal justice agencies.
Prerequisite: CJUS 101

CJUS 355 – Family Law 3 credit hours
This course will examine the legal issues and principles, and the concepts and procedures that are used to support, enforce and rule on questions related to the legal concepts of family, marriage, custody of children, and the resulting public policy.
Prerequisite: CJUS 101
CJUS 360 – Sex Crimes  3 credit hours
This course is designed to introduce the students to the growing problem of sex crimes. Areas covered will include prostitution, the role of fantasy in sex crimes, pornography, Internet related sex crimes, sex trafficking and tourism, pedophilia, dangerous sex crimes, and rape. Related laws, typologies of offenders, profiling offenders, and evidence collection will also be discussed.

CJUS 370 – Women and Crime  3 credit hours
The study of gender criminology, female offenders, and the incarceration and treatment of offending women; an examination of female victims of male violence including battering, stalking, and sexual victimization; an evaluation of women working in the criminal justice field, their employment and promotion rates, gender discrimination, and safety on the job.

CJUS 375 – Comparative Criminal Justice Systems  3 credit hours
An examination of selected non-American criminal justice systems. Specific areas of comparison will include but not be limited to, the police, judiciary, and criminal corrections, of selected foreign systems.

CJUS 380 – Minorities and Criminal Justice  3 credit hours
This course provides a survey of minority relations and criminal justice adjudication in America (law enforcement, judicial processing and corrections). Particular attention is focused on majority/minority relations and how these sentiments are reflected within the criminal justice process. While many minority groups will be examined, three will be emphasized: (1) racial minorities; (2) female victims and offenders; and (3) unique white ethnic subcultures.

CJUS 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.
Additional Course Fee Required

CJUS 388L – GS Capstone Lab  1 credit hour
Corequisite: CJUS 388.

CJUS 390 – Criminal Investigation  3 credit hours
Deals with the following fundamental procedures of criminal investigation: Crime scene search and recording; collection and preservation of physical evidence; scientific evaluation; modus operandi; sources of information; interviews and interrogations; and case preparation.
Prerequisite: CJUS 230
Additional Course Fee Required

CJUS 401 – Special Topics  1-3 credit hours
Concerned with current issues and developments in the criminal justice field. Each semester a topic will be chosen as the subject for inquiry. It is designed for students who wish to explore current issues and broaden their exposure to important and timely issues in criminal justice. This course may be repeated to a maximum of 12 hours.
Total Credits Allowed: 12.00
Prerequisite: CJUS 101 or permission of instructor

CJUS 405 – Criminal Justice Research Methods II  3 credit hours
A course intended to give students an applied research experience in the field of criminal justice.
Prerequisite: CJUS 250

CJUS 411 – Readings in Criminal Justice  1-3 credit hours
An independent study course intended to supplement students' understanding of the criminal justice system through selected readings in the field. This course may be repeated to a maximum of 6 hours.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Senior standing and permission of instructor and department chairperson.

CJUS 415 – Correctional Casework  3 credit hours
Designed to develop knowledge of specific treatment programs and to help students learn the role of correctional caseworkers as practiced in correctional agencies.
Prerequisite: CJUS 215

CJUS 420 – Supervision and Management in Criminal Justice  3 credit hours
This course introduces upper-level students to supervision and management concepts within criminal justice organizations. Students will learn how to employ sound principles of human relations and supervision techniques to be effective leaders.
Prerequisite: Junior standing

CJUS 430 – Drugs and the Criminal Justice System  3 credit hours
This course focuses on the historical and contemporary pattern of psychoactive drug use in the United States and on the development of criminal justice policies intended to reduce or eliminate drug use and/ or drug problems. Specific topics include major types of psychoactive drugs, the War on Drugs, the international context of drug production and distribution, and personal and social problems resulting from drug use. A major focus of the course will be the evaluation of different criminal justice strategies for reducing drug-related problems.

CJUS 431 – Correctional Law and Administration  3 credit hours
This course is designed as an upper division class presenting the fundamental aspects of correctional law and a consideration of the impact of law on correctional administration. The course will provide the student the opportunity to examine the legal process, case law and the nature of litigation against correctional administrators and the impact of these actions on corrections. Recommended prior coursework: CJUS 215 and either CJUS 345 or PSCI 300.
Prerequisite: CJUS 215

CJUS 435 – Interviewing and Correctional Case Management  3 credit hours
This course is designed to develop student knowledge of specific interviewing techniques, case management and technical report writing as they apply to the fields of probation, parole, community corrections and correctional institutions. Specific emphasis will include the integration of assessment tools, interview results and community resources to formulate case management plans. This class emphasizes report writing and traditional written products as they relate to the corrections field.
Prerequisite: CJUS 310

CJUS 440 – Laws of Arrest, Search and Seizure  3 credit hours
An examination of state and federal American law concerning arrest, search and seizure. Emphasis on basic legal precedents developed by courts.
Prerequisite: CJUS 340
CJUS 445 – Sex Offender Supervision and Control    3 credit hours
This course examines the numerous social policies and laws used to
treat and control sex offenders. Students will delve into the history,
purpose and rationale, laws, legal challenges and court rulings, and the
effectiveness of various policies of control.
Prerequisite: CJUS 215

CJUS 475 – Internship   5-9 credit hours
Designed to give students on-the-job exposure to their areas of interest
within the criminal justice system. Offered only as credit/no credit.
Department Consent Required
Total Credits Allowed: 12.00
Prerequisite: Junior or senior standing and permission of instructor and
department chair

CJUS 476 – Terrorism and Crisis Negotiations   3 credit hours
This course is designed to introduce the students to the overall theories
behind the use of terrorism to obtain a political objective and an overview
of major terrorist organizations. Emphasis will be placed on the culture
diversity within the United States and other countries. Specifically it will
show the actions of different ethnic, culture and religious groups that
have resorted to the use of terrorism because of government actions.
This class will also discuss the primary methods of operational and
counter actions taken by police and government agencies. A portion
of the class will be devoted to the planning and conducting hostage
negotiations and examining the psychological factors on both the
hostage taker and hostage.

CJUS 480 – Senior Seminar: Professional Ethics and Career
Development   3 credit hours
Graduating seniors must take this class in the school year they plan on
graduating. This is a capstone course for the criminal justice program
and will include assessment methods. Emphasis of the course will be on
ethics in the criminal justice profession and the continued development
of skills that will aid in the student’s career development.
Prerequisite: Senior standing
Additional Course Fee Required

CJUS 490 – Advanced Criminal and Crime Scene Investigations (CSI)   3
credit hours
This course is designed to present various advanced methods and
theories of criminal investigation, crime scene process, and related areas
of forensic science. More complex crimes not covered in CJUS 390 will be
examined, with associated crime scene material presented. Additionally,
criminal identification methods and investigative behavior in court will be
presented.
Prerequisite: CJUS 390
Additional Course Fee Required

CJUS 499 – Independent Study   1-3 credit hours
An examination in depth of specific areas of the criminal justice system,
with emphasis on the special roles of related agencies and disciplines.
Department Consent Required
Prerequisite: Senior standing and permission of instructor and
department chair.

Cyber Systems (CYBR)

CYBR 100 – Computer Science Principles   3 credit hours
This course provides a broad, inspiring overview of computer science that
is appropriate for all students. By the end of this course, students will
become empowered to critically analyze computing innovations as well
as create inspiring applications that express their interests. In addition,
they will be ready to incorporate computational thinking into their future
fields of study.

CYBR 101 – Computer Science I: Python for Analytics   4 credit hours
A gentle first course in problem solving and software development;
including logic, data storage and manipulation, data types, assignment
statements, basic input/output, selection control, repetition control,
subprograms, file input/output, simple GUIs, one dimensional arrays
and rudimentary software engineering techniques. Students complete
programming projects using Python. Good programming techniques,
program clarity, style, and effective documentation are emphasized
through practice in designing, coding, and debugging programs. Intended
for students with little or no programming experience. It aims to provide
students with an understanding of the role computation can play in
analyzing data in business, science, mathematical, and other problems.
It is designed to help students, regardless of their major, feel justifiedly
confident of their ability to write small programs that allow them to
accomplish useful goals. The class will use the Python programming
language. Three hours lecture, two hours laboratory each week.
Prerequisite: Completion of or concurrent enrollment in MATH 102 or ACT
Math score of 22 or above or Math placement into MATH 103 or above.

CYBR 102 – Computer Science I: C for Security   3 credit hours
A rigorous first course in problem solving and software development that
demonstrates the power of C as a high and low level language. Includes
logic, data storage and manipulation, data types, assignment statements,
subprograms, file input/output, selection control, repetition control,
subprograms, parameter passage, scope of identifiers, data file input/output,
one dimensional arrays and rudimentary software engineering techniques.
Students complete programming projects using C programming.
Secure programming techniques, program clarity, style, and effective
documentation are emphasized through practice in designing, coding,
and debugging programs. Intended for students interested in improving
their security or engineering related problem-solving abilities through
the use of software development, but no programming experience
is necessary. Laboratory assignments develop mastery of the C
programming language and a basic understanding of modern secure
software development practices. Two hours lecture, two hours laboratory
each week.
Prerequisite: Completion of or concurrent enrollment in MATH 102 or ACT
Math score of 22 or above or Math placement into MATH 103 or above.

CYBR 103 – Computer Science I: Java for Software Development   4
credit hours
An in-depth first course in problem solving and software development;
including logic, data storage and manipulation, data types, assignment
statements, standard input/output, selection control, repetition control,
subprograms, parameter passage, scope of identifiers, data file input/output,
simple GUIs, software classes, objects, one dimensional arrays
and rudimentary software engineering techniques. Students complete
programming projects using Java. Good programming techniques, object-
oriented design, program clarity, style, and effective documentation
are emphasized through practice in designing, coding, and debugging
programs. Intended for students interested in improving their problem-
solving abilities through high quality software development, but no
programming experience is necessary. Laboratory assignments develop
mastery of a high-level programming language, and programming
experience in Java, and a basic understanding of modern software
development practices. Three hours lecture, two hours laboratory each
week.
Prerequisite: Completion of or concurrent enrollment in MATH 102 or ACT
Math score of 22 or above or Math placement into MATH 103 or above or
completion of MATH 102 or above.
CYBR 108 – Computers in Society  3 credit hours
This course will consist of an elementary description of the components and principles of digital computers, background and implications of information processing, computer influences on society, and uses of computers. There will be hands-on computer applications that need to be downloaded and installed. Projects are assigned in order to reinforce concepts of problem solving and critical thinking and to illustrate modern applications of computers.

CYBR 140 – The Internet Explained  3 credit hours
This course is a great introduction to how the Internet works. Topics include history of telephony to the Internet, networking, wireless, cybersecurity and how these technologies are integrated into the daily lives of individuals. The course assumes no previous knowledge of the field, and can be used by all students seeking a background in fundamental networking and systems concepts. This course provides basic information needed for the student going on to pursue a career in the information technology fields. It also provides a technological foundation for students pursuing any career. With the prevalence of technology, understanding and becoming proficient with the basic terminology and concepts is a must for any student.

CYBR 150 – Computer Science II: Object Oriented Programming  3 credit hours
Object-Oriented (OO) programming concepts and principles, including an introduction to some basic data structures. Comprehensive study of an OO programming language with a variety of programming applications. An appropriate state-of-the-art language will be used.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103

CYBR 180 – Discrete Structures  3 credit hours
The study of mathematical topics and data structures necessary for a successful program of study in Computer Science. Topics include set theory, Boolean algebra, propositional calculus, logic circuits and finite state machines.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103.
Corequisite: Completion of or concurrent enrollment in MATH 115 or MATH 123.

CYBR 182 – Software Productivity Tools  3 credit hours
This lab course addresses competency and applications of computer skills. Software covered includes: operating systems and environments, word processing, spreadsheet, databases and cloud-based solutions.

CYBR 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Prerequisite: First year freshman standing or sophomore standing only.

CYBR 190 – Data Analytics Mathematical Modeling  3 credit hours
This course is designed to cover fundamental IT enabled models and their application in data analytics. Some areas to be covered include: systems of equations and inequalities; sequences, inductions, and the binomial theorem; counting and probability; basic statistics; simulation; data tables and what-if analysis; and enhancing decision-making using Solver.
Prerequisite: MATH 102 and CYBR 182

CYBR 199 – Current Issues in Cyber Systems  1-3 credit hours
A course designed to enable students to become knowledgeable of recent trends and issues in computer science and information technology. The course format varies depending on subject matter, instructor and student needs.

CYBR 223 – Information Technology Infrastructure  3 credit hours
A study of computer organization as it relates to the selection of computer hardware devices. The goal of the course is to create an understanding of the organization issues that influence system design and purchasing decisions. Topics include memory management, RAID, error detection, compaction, process management, pipelining, and cloud computing.
Prerequisite: CYBR 150
Additional Course Fee Required

CYBR 251 – Linux Programming Environment  1 credit hour
A survey of the fundamental concepts of the Linux operating system, including hands on experience with various components including the command line and graphical user interface.

CYBR 252 – Cloud Computing and Containerization  1 credit hour
A survey of the fundamental concepts of building and hosting Linux applications running with operating system level virtualization (containerization).
Prerequisite: CYBR 251

CYBR 280H – Special Topics  3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

CYBR 301 – Computer Organization  3 credit hours
A study of computer organization and Assembly language. Topics include basic assembly instructions, logic design, addressing modes and instruction sets, data path, memory hierarchy. Students will gain hands on experience in programming in x86 and ARM assembly.
Prerequisite: CYBR 150 and CYBR 180
Additional Course Fee Required

CYBR 302 – Principles of Management Information Systems  3 credit hours
The course provides an introduction and overview to the field of management of information systems (MIS). This course is designed to familiarize students with the critical roles of information and information systems in support of organizational operations, decision-making processes, quality management, and strategic activities. It also covers management of information systems functions and professionals, as well as relevant global, ethical, societal and legal/regulatory issues. Focus is placed on the impact of rapidly changing technologies, such as the Internet, on organizations leading to new paradigms, like e-commerce and business-to-business applications, and the subsequent reengineering of organizations.

CYBR 305 – Healthcare Informatics & Technology  3 credit hours
With a focus on networking, this course will examine the healthcare field and its integration with the electronic and digital realm. Topics like security protocols, patient privacy, and telemedicine will be studied and then applied to real-world technical scenarios through discussion and hands-on projects.
CYBR 306 – Introduction to Predictive Modeling  3 credit hours
Data Analytics uses real-time processing of sentiment, buzz, social networks, context and/or other data of interest to improve performance and impact. This course will expand on basic statistical and analytical tools for developing an understanding of advanced methods for data analysis and modeling to support decision making. Students learn how to develop, explore, model, and answer questions using analytical processes to examine datasets, including "big data". Predictive modeling is introduced to show how to use these concepts, and others, to support more informed decisions and to drive business strategy using current and rapidly changing technologies. The course covers the fundamentals of databases, data analysis, data visualization, inferential statistics, and reporting, all supporting predictive and prescriptive analytics. Two hours lecture, two hours lab per week. 
Prerequisite: MGT 233 or STAT 241 or STAT 345 or BIOL 305 or PSY 250

CYBR 330 – Algorithms and Data Structures  3 credit hours
A comprehensive study of data structures and algorithms with programming applications. Topics include: a review of basic data structures (linked-lists, stacks, queues) and abstract data types, advanced data structures and their associated algorithms, heaps, priority queues, hash tables, trees, binary search trees, and graphs, advanced sorting and searching algorithms, divide and conquer algorithms, greedy algorithms, and dynamic programming. Problem analysis is emphasized. Computability, asymptotic notation and NP-completeness are introduced. An object-oriented programming language will be used. 
Prerequisite: ENG 102 and MATH 115 and CYBR 180 and CYBR 150
Additional Course Fee Required

CYBR 335 – Fundamentals of Networking & Systems  3 credit hours
This course is the first technical networking & systems course. Topics covered include layered network architecture, packet sniffing with protocol analysis, virtual local area networks, basic network security and network design through v4 and v6 subnetting. 
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 140 or passing score on CompTIA A+ certification exam. 
Additional Course Fee Required

CYBR 340 – Information Networking Preceptorial  4 credit hours
Students in this course study the design and operation of telecommunications and information networks actively deployed in the business enterprise. They also explore the duties and responsibilities of the network manager as they maintain the information and telecommunications networks. 
Prerequisite: CYBR 335

CYBR 345 – Intricacies of Advanced Networks & Systems  3 credit hours
This second technical networking & systems course looks in-depth at routing and switching protocols. Students will utilize the hands-on lab environment to examine the routing and switching protocols as well as a variety of other topics like enterprise wireless, network monitoring and high availability. Students with a strong command of the concepts presented will be prepared to sit for specific industry certification exams. Two hours lecture, two hours lab per week. 
Prerequisite: CYBR 335
Additional Course Fee Required

CYBR 350 – Predictive Modeling II  3 credit hours
Study of predictive modeling using data analytics tools such as data mining to support various organizational activities. This course is designed to familiarize students with the critical role of data warehousing and data mining as predictive modeling tools to enhance the organizational decision making process. 
Prerequisite: CYBR 302 and junior standing

CYBR 381 – Systems Analysis and Design I  3 credit hours
Explore the systems life cycle. Learn tools and strategies for system and information analysis. Includes need identification, feasibility studies, requirements assessment, project management and group dynamics. 
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 335

CYBR 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course. 
Prerequisite: Junior or Senior level standing or within 6 hours of completing general studies requirements.

CYBR 399 – Independent Study in Cyber Systems  1-6 credit hours
This course provides the opportunity for students to conduct independent study on any cyber systems topic not covered by other regularly offered courses. The topic will be selected in consultation with and the study will be supervised by a cyber systems faculty member. The project should be focused on an area of interest to the student. Upon completion of the project a formal presentation will be given by the student to all interested parties. A written contract specifying the topic and requirements must be submitted and approved by the department before registering for the course. 
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Junior or senior standing and permission of department chair

CYBR 401 – Operating Systems  3 credit hours
Introduction to modern operating system concepts and design. Topics will include: Processes, semaphores, monitors, concurrent process management, virtual memory, scheduling algorithms, deadlocks and protection, I/O control interrupt handling, client-server model, remote procedure call and threads. 
Prerequisite: CYBR 330

CYBR 404 – Software Engineering  3 credit hours
This course will include the fundamental principles of software engineering. Software specification techniques: rigorous methods and formal methods. Software design: object-oriented design, function-oriented design, real-time systems design, user interface design. Programming techniques and tools. Software reuse and software metrics. Design patterns and component based software development. Computer-aided software engineering. Software validation and verification. The object oriented language Java will be used as the major programming language for this course. 
Prerequisite: CYBR 330
Additional Course Fee Required

CYBR 405 – Interactive Web Application Development  3 credit hours
This course covers the wide range of state-of-the-art computer technologies for interactive web application development. Students will learn how to write both static web pages and dynamic web pages. This is a programming-intensive course. 
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 434
This course is designed to assist students in learning the skills necessary to design and build enterprise-level web applications. Skills and knowledge gained in this course can be applied in the development of interactive web sites, electronic commerce systems, cloud-based applications and other service-based architectures. Security of internet based information systems will also be covered.

Prerequisite: CYBR 150

**CYBR 407 – Introduction to Automata, Formal Languages, and Computability** 3 credit hours
A survey of the fundamental concepts and conclusions in the theory of computation. Topics cover regular languages and finite automata, context-free languages and pushdown automata, formal grammars, Chomsky hierarchy, Turing machine and computability, computational complexity.

Prerequisite: Junior standing and CYBR 180 or MATH 115

**CYBR 408 – Principles of Programming Languages** 3 credit hours
Study of the essential concepts of programming languages including, language design concepts and semantics; examination of language features and major programming paradigms with a focus on functional programming; and design and implementation of language interpreters.

Prerequisite: CYBR 407 and CYBR 301 or CYBR 330

**CYBR 410 – Big Data I** 3 credit hours
This course provides an understanding of data analytics advanced techniques to extract intelligence about organizational activities from big data sources. Managing, governing, extracting, merging, and preparing large data sets for analysis using real data are covered extensively.

Prerequisite: CYBR 350

**CYBR 411 – Big Data II** 3 credit hours
This course provides a set of practical and powerful tools to enhance the understanding of big data. Exposure to computerized tools facilitating the loading and cleansing of data for analysis provides an experiential learning approach to understanding big data concepts.

Prerequisite: CYBR 410

**CYBR 418 – E-Commerce Information Systems** 3 credit hours
This course will present, develop, explore, and illustrate the nature and use of E-commerce information System development methodologies in an inter-organizational setting, and discuss responsibilities at all life cycle stages. It is a comprehensive study of electronic commerce, with in-depth coverage of e-commerce technologies and e-commerce business models including business-to-consumer models, business-to-business models, consumer-to-consumer models, peer-to-peer models, and mobile commerce. It introduces global e-commerce, security and encryption issues, and ethical, social and political issues related to e-commerce. E-commerce interface designs for electronic storefronts, malls, catalogs, shopping carts, search engines, auctions, e-payment systems, e-learning, and e-government will be covered. Consumer interactions with payment processing mechanisms and relationships to information technology development and support will be studied.

Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 302 or CYBR 434 and Sophomore standing or above

**CYBR 421 – Business Process Redesign and ERP Systems** 3 credit hours
This course provides an understanding of business processes and usage of various methods and computerized tools to redesign these processes. The redesigned processes will assist organizations in providing cost-effective quality products and services to consumers. Further, this course provides an overview of the Enterprise Resource Planning (ERP) Systems which are widely used by corporations for automation of their processes.

Prerequisite: Junior standing

**CYBR 422 – Computer Graphics** 3 credit hours
Introduction to the techniques for generating lines, curves, surfaces, 2D and 3D graphics, modeling and rendering. Topics include display hardware, transformations, interactive technologies, geometric modeling, 2D and 3D display algorithms, graphics software system architecture, visible-surface algorithms, illumination and shading.

**CYBR 425 – Database Systems** 3 credit hours
This course is a comprehensive study of multi-user database concepts. The relational model and relational database management systems along with proper database design will be emphasized. The normalization process and the various normal forms will be covered. Internet database applications are introduced. SQL will serve as the standard language for database manipulation. Several current database management systems will be introduced and will serve as the sample DBMSs for implementation of the course material.

Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 434

**CYBR 430 – Protecting & Defending Networks & Systems** 3 credit hours
This course will cover all the concepts necessary defense-in-depth of an enterprise network and system (blue team). A case study will be incorporated to achieve a strong understanding of the design, implementation and overall security of a large network. Hands-on labs will be conducted using a variety of networking and systems equipment. Students with a strong command of the concepts presented will be prepared to sit for specific industry certification exams. This course presents a comprehensive study of needs and characteristics of a global internetwork and the issues encountered on such a network. Topics studied will include security, servers, user identity, and wireless. Hands-on labs will be conducted using a variety of network equipment.

Prerequisite: CYBR 335 and CYBR 101 or CYBR 102 or CYBR 103 Additional Course Fee Required

**CYBR 434 – Information Technology Teaching Methods** 3 credit hours
This course will include information technology curriculum development and instruction, with a focus on applying programming concepts to K-12 education. Intended only for students in education fields.

Prerequisite: Junior or senior standing

**CYBR 435 – Thinking like an Adversary: Systems Side Security** 3 credit hours
This course will cover all the concepts necessary to play offense against different types of enterprise networks and systems (red team). Different scenarios will be "played out" utilizing a series of hands-on labs with the idea that students will learn the concept of "thinking like an adversary". In this manner, the students will learn how to better defend networks by understanding the offensive playbook.

Additional Course Fee Required
This course provides an understanding of many types of audit needs, such as organizational IT audits (management control over IT), technical IT audits (infrastructure, data centers, data communication), application IT audit (business, financial, operational), development/implementation IT audits (specification/requirements, design, development, and post development phases), and compliance IT audits involving national and international standards. 
Prerequisite: Senior standing

**CYBR 441 – Artificial Intelligence**  
3 credit hours
An in-depth study of intelligent agents, tree and search methods, constraint satisfaction problems, optimization problems, game-playing, logical analysis, and uncertainty modeling. Machine learning techniques are introduced. Applications to robotics, psychology, business intelligence and data mining are also discussed.
Prerequisite: CYBR 150

**CYBR 444 – Software Reverse Engineering**  
3 credit hours
This course provides students with the opportunity to standard techniques used to Reverse Engineer software systems. These techniques will allow students to understand the process involved in program compilation, such that they can deduce the functionality of a program and recreate a programs source code without the original source.
Prerequisite: CYBR 301

**Additional Course Fee Required**

**CYBR 448 – System Administration**  
3 credit hours
This course provides an overview of how to manage a server and its users. Topics include but not limited to installing server operating system, creating user and group accounts, setting up policies, adding and configuring devices and drivers, managing data storage, setting up security evaluating performance, trouble shooting, and virtualization.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 345 or CYBR 434

**CYBR 450 – Software Quality Assurance**  
3 credit hours
This course will provide students with the knowledge and skills to define and implement software quality management. We will explore ways to develop a quantifiably effective software quality management function and measure the success of quality assurance (QA) plans, teams and tools. The course will explore the latest industry standards, tools and approaches, and will explore the challenges of managing the QA function for modern software application environments.
Prerequisite: CYBR 381

**CYBR 458 – Computer Security**  
3 credit hours
This course provides an overview of security issues associated with the development and deployment of information systems. Topics include authentication, encryption, firewalls, security standards and protocols, attack prevention, detection, and recovery.
Prerequisite: CYBR 150 or CYBR 345 or CYBR 448

**CYBR 460 – Virtualization Essentials**  
3 credit hours
Examining the new world of virtualization, this technical essentials course looks at concepts such as cloud computing, virtualized hardware, networks, storage and data center concepts. Although the focus will be virtualization at the data center, these fundamentals are easily transferrable and highly needed in small to large enterprise. Topics such as hypervisors, software-defined networking and cloud architectures are discussed in-depth.

**CYBR 468 – Advanced Security: Playing Both Sides**  
3 credit hours
This course provides an introduction to advanced security topics associated with the development and deployment of information systems. Topics include WiFi and cellular networks, fuzzing, software vulnerabilities, and secure development practices.
Prerequisite: CYBR 435

**CYBR 475 – Internship in Cyber Systems**  
1-6 credit hours
An internship is a professional or technical position in a professional environment that provides a student with sufficient practical work experience for a limited period of time, allows for career decision-making, and provides the employer valuable skills to accelerate business objectives. Internships are mutually beneficial for all involved. The student gains the opportunity to apply classroom learning to a workplace environment; the employer has the chance to work with students eager to learn and apply skills; and the university benefits from connections with business and industry, which provide potential for program development and enhancement. The learning experience is organized and supervised by the academic department, the CBT Career Center, and personnel of selected industries. All internships must be approved by the CBT Career Center and students must have a major or minor in the Cyber Systems department. The course will be evaluated on a credit/no credit basis.
Department Consent Required
Total Credits Allowed: 6.00

**CYBR 484 – Parallel Computing**  
3 credit hours
Introduces parallel computing including parallel computer architectures, analytical modeling of parallel programs, principles of parallel algorithm design. Introduces existing mainstream parallel programming environments and present development situations to provide students with skills to design, code, debug, analysis and optimize some mainstream parallel software. Provides hands-on practice with parallel computing that provides student with a successful start to practice in the area of parallel.
Prerequisite: CYBR 401

**CYBR 485 – Information Systems Strategy and Management**  
3 credit hours
To provide a set of practical and powerful tools to ensure the understanding of strategic, tactical, and operational responsibilities of the chief information officer (CIO). The strategic responsibilities include the strategic alignment among information technology and business functions of the organizations.
Prerequisite: Junior standing

**CYBR 490 – Information Networking Law and Public Policy**  
3 credit hours
This course provides a current and historical review of statutes, regulations, and municipal ordinances in telecommunications and information network security. Fundamental cybersecurity requirements are examined for several industry sectors. Topics also include network breach notification requirements, the NIST Risk Management Framework and NIST Cybersecurity Framework.

**CYBR 494 – Directed Research in Cyber Systems**  
1-6 credit hours
Independent original research in a Cyber Systems area, under the direction of a Cyber Systems faculty member. A written contract specifying the topic and requirements must be submitted and approved by the department before registering for the course. Upon completion of the project a formal presentation will be given by the student to all interested parties.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Junior or senior standing and permission of department
Additional Course Fee Required
Total Credits Allowed: 3.00

The purpose of this course is to introduce the beginning dance student to the foundations of modern technique and history for the dance student with limited experience. Modern concepts, movements and vocabulary will be explored in more depth and variety through physical practice and observation. Previous dance training is required and the completion of Modern Dance I, or its equivalent, is required. The primary focus of this course is to increase and develop physical coordination, self-awareness, strength, flexibility, musicality and artistic expression through a more in depth study of modern dance technique.
Total Credits Allowed: 4.00
Prerequisite: DANC 131 or DANC 141 or DANC 148
Additional Course Fee Required

DANC 142 – Ballet II 2 credit hours
The purpose of this course is a continued exploration of the foundations of ballet technique and history for the dance student with limited experience. Ballet concepts, movements and vocabulary will be explored in more depth and variety through physical practice and observation. Previous dance training is required and the completion of Ballet I, or its equivalent, is mandatory. The primary focus of this course is to increase and develop one's physical coordination, self-awareness, strength, flexibility, musicality and artistic expression through a more in depth study of ballet technique.
Total Credits Allowed: 3.00
Additional Course Fee Required

DANC 148 – Jazz Dance I 1 credit hour
A course for the student with little or no experience in dance. Course consists of understanding rhythm, musicality, and style. Course also includes exercises developing isolation of body movement and body strength.
Total Credits Allowed: 3.00
Additional Course Fee Required

DANC 149 – Jazz Dance II 2 credit hours
A continuation of DANC 148 with further emphasis on strength and style. The student learns short movement phrases and begins to build these into longer movement patterns.
Total Credits Allowed: 4.00
Prerequisite: DANC 131 or DANC 141 or DANC 148
Additional Course Fee Required

DANC 200 – Dance Ensemble 1 credit hour
The general objective for this course is for the student to gain practical dance knowledge and experiences in a laboratory (performance) setting. This objective will be accomplished through the student being a member of the performance team for a University-sponsored, academic-season dance production.
Department Consent Required
Total Credits Allowed: 4.00
DANC 236 – Tap Dance I    1 credit hour
The purpose of this course is to introduce the beginning dance student to the foundations of tap technique and history. Tap concepts, movements and vocabulary will be explored through physical practice and observation. No previous dance training is required. The primary focus of this course is to increase and develop one’s physical coordination, self-awareness, strength, range of motion, musicality, rhythm and artistic expression through the study of tap dance.
Total Credits Allowed: 3.00

DANC 237 – Tap Dance II    1 credit hour
The purpose of this course is a continued exploration of the foundations of tap technique and history. Tap concepts, movements and vocabulary will be explored in more depth and variety through physical practice and observation. Previous dance training is required and the completion of Tap I, or its equivalent, is required. The primary focus of this course is to increase and develop one’s physical coordination, self-awareness, strength, range of motion, musicality, rhythm and artistic expression through a more in depth study of tap dance.
Total Credits Allowed: 3.00
Prerequisite: DANC 236 or instructor permission

DANC 248 – Jazz Dance III    2 credit hours
The purpose of this course is a continued study of jazz technique for the high intermediate dance student. Advanced technical concepts, movements and vocabulary associated with the jazz syllabus will be explored through more in depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Jazz Dance I and II, or the equivalent, is recommended. The primary focus of this course is the continued development of one’s physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the high intermediate skill set level of jazz.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 148 and DANC 149 and permission of instructor
Additional Course Fee Required

DANC 280H – Special Topics-Honors    3 credit hours

DANC 331 – Modern Dance III    2 credit hours
The purpose of this course is a continued study of modern dance technique for the high intermediate dance student. Advanced technical concepts, movements and vocabulary associated with the modern dance syllabus will be explored through more in depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Modern Dance I and II, or the equivalent, is required. The primary focus of this course is the continued development of one’s physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the high intermediate skill set level of modern dance.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 131 and DANC 132 and permission of instructor
Additional Course Fee Required

DANC 332 – Modern Dance IV    3 credit hours
The purpose of this course is a continued study of modern dance technique for the advanced dance student. Advanced technical concepts, movements and vocabulary associated with the modern dance syllabus will be explored through more in-depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies, and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Modern Dance III (DANC 331) or the equivalent is required. The primary focus of this course is the continued development of one’s physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the advanced skill set level of modern dance.
Total Credits Allowed: 6.00
Prerequisite: DANC 331

DANC 341A – Creative Projects in Dance    1 credit hour
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 341B – Creative Projects in Dance    2 credit hours
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 341C – Creative Projects in Dance    3 credit hours
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 343 – Ballet III    2 credit hours
The purpose of this course is a continued study of ballet technique for the high intermediate dance student. Advanced technical concepts, movements and vocabulary associated with the ballet syllabus will be explored through more in depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Ballet I and II, or the equivalent, is required. The primary focus of this course is the continued development of physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the high intermediate skill set level of ballet.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 141 and DANC 142 and instructor permission
Additional Course Fee Required
DANC 344 – Dance Improvisation and Basic Composition  3 credit hours
The purpose of this course is to introduce dance students to the foundations of movement improvisation and composition. Dance improvisation concepts and tools, movement origins and vocabulary will be explored through physical practice, observation and discussion. These elements will then be applied to the choreographic process through a series of structured investigations and small projects. Previous dance training is required. The completion of Ballet III, Modern III and/ or Jazz III is recommended. The primary focus of this course is to increase and develop one's personal movement vocabulary and understanding of the basic building blocks of dance composition while nurturing artistic expression and the aesthetic eye.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 131 or DANC 141 or DANC 148 or instructor permission
Additional Course Fee Required

DANC 346 – Ballet IV  3 credit hours
The purpose of this course is a continued study of ballet technique for the advanced dance student. Advanced technical concepts, movements, and vocabulary associated with the ballet syllabus will be explored through more in-depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies, and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Ballet III (DANC 343) or the equivalent, is required. The primary focus of this course is the continued development of one's physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the advanced skill set level of ballet.
Total Credits Allowed: 6.00
Prerequisite: DANC 343

DANC 400 – Advanced Dance Ensemble  1 credit hour
The general objective for this course is for the student to gain practical dance knowledge and experiences in a laboratory (performance) setting. This objective will be accomplished through the student being a member of the performance team for a University-sponsored, academic-season dance production.
Department Consent Required
Total Credits Allowed: 5.00

DANC 400A – Independent Study in Dance  1 credit hour
Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

DANC 400B – Independent Study in Dance  2 credit hours
Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

DANC 400C – Independent Study in Dance  3 credit hours
Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

DANC 460D – Independent Study in Dance  4 credit hours
Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

Economics (ECON)

ECON 100 – Contemporary Economic Issues  3 credit hours
This course is designed to help the student acquire an understanding of the U.S. economic system and its influence on current topics important to everyone. The objective of the course is to provide students with a general understanding of economic principles and how they are applied to issues facing the United States. (Not open to students who have previously completed ECON 270, ECON 271, or equivalent.)
Prerequisite: Enrollment not allowed if successfully completed ECON 270 or ECON 271 or equivalent.

ECON 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ECON 270 – Principles of Economics, Macroeconomics  3 credit hours
A study of the economic system of the U.S. and the underlying principles of production, labor relations, national income, prices, money and banking, and economic policy.

ECON 271 – Principles of Economics, Microeconomics  3 credit hours
This course provides students an introduction to the economic principles and theories which have been developed to explain how firms make decisions on production and input use, how consumers make purchasing decisions, and how firms and consumers interact in the marketplace under differing market conditions. The course prepares students for further study in the field of economics.

ECON 300 – Foundations of Research Methods in Economics and Business  2 credit hours
This course is designed to provide students with an introduction to the research process in economics and business. Students will gain experience in research methodology by developing/ selecting a research topic/ question, conducting a literature review, collecting data, selecting and using an appropriate analytical technique, and constructing a persuasive argument supported by theory and empirical evidence.
Prerequisite: ECON 270 and ECON 271 and either MGT 233 or STAT 241

ECON 314 – Public Finance  3 credit hours
Provides a thorough treatment of major topics relating to government expenditures and tax policies. This course will help students develop an understanding of the economic principles that are most useful in examining the government’s role in the economy, particularly those principles economists have found helpful in a microeconomic analysis of tax and expenditure policies.
Prerequisite: ECON 270 or ECON 271
ECON 320 – Economic Theory, Intermediate Microeconomics  3 credit hours  
Introduction to microeconomic theory regarding the determination of prices and values.  
Prerequisite: ECON 271

ECON 321 – Economic Theory, Intermediate Macroeconomics  3 credit hours  
Introduction to macroeconomic theory with emphasis on the determinants of income, employment and economic growth.  
Prerequisite: ECON 270

ECON 322 – Money and Banking  3 credit hours  
A descriptive and analytical study of the basic principles of money, banking and finance as they are related to business and public policy. A study of the creation of the nation's money supply and of the importance of monetary policies upon the performance of the economy.  
Prerequisite: ECON 270

ECON 365 – Business Analytics & Decision Making  3 credit hours  
This course expands on basic statistical and analytics tools so that students learn to think in terms of patterns and models, understand the value of economic and business data to gain key business insight and analyze market conditions, and learn how modeling supports decision making and can be used to evaluate the impact of choices. It covers fundamentals of descriptive, predictive, and prescriptive analytics, with a focus on data visualization. Students will use and interpret economic and business data, databases, and output from analytics models.  
Prerequisite: ECON 270 or ECON 271 and MGT 233

ECON 380 – Tourism Economics  3 credit hours  
This course features an application of economic theory to the human activities of recreation and tourism. Microeconomics, macro-economics, and economic impact analysis will be packaged so that students might synthesize then apply this information to marketing, promotion, and economic development problems.  
Prerequisite: ECON 271

ECON 385 – Environmental Economics  3 credit hours  
An economic analysis of the nature of pollution problems from cause to possible solutions. Critically evaluates the role of a market economy in preserving environmental quality.  
Prerequisite: ECON 100 or ECON 270 or ECON 271

ECON 388 – GS Capstone  3 credit hours  
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.  
Prerequisite: Junior or Senior level standing or within 6 hours of completing general studies requirements.

ECON 395 – Labor Economics  3 credit hours  
This course examines the organization, functioning, and outcomes of labor markets; the decisions of prospective and present labor market participants; and the public policies relating to the employment of labor resources.  
Prerequisite: ECON 271

ECON 410 – Health Care Economics  3 credit hours  
An economic analysis of issues related to the provision of health care. Market issues, cost drivers, existing and proposed health care policy approaches are covered.  
Prerequisite: Junior standing or above.

ECON 430 – International Economics  3 credit hours  
Introduction to the international economy: the theory of international trade, the balance of payments, economic growth and financial commercial policy.  
Prerequisite: ECON 100 or ECON 270 or ECON 271

ECON 445 – Industrial Organization  3 credit hours  
This course is concerned with the behavior of firms and the resulting effects on market outcomes and welfare. As such it analyzes firm behavior and market structure within a single industry and discusses the challenges associated with regulation/deregulation of industries and the implementation of antitrust policy.  
Prerequisite: ECON 271

ECON 465 – Economics of Transportation  3 credit hours  
Nature, role and regulation of transportation, and current economic, legal and policy problems in the field of transportation.  
Prerequisite: ECON 271

ECON 475 – Internship  1-12 credit hours  
A work experience program planned for students preparing for employment in business and industry. The learning situation is organized and supervised cooperatively by the Economics Department and personnel of selected industries. Work experience includes an acceptable type of wage earning employment in business, manufacturing or processing industry approved by the coordinator.  
Total Credits Allowed: 15.00  
Prerequisite: Minimum GPA of 2.5 and ECON 270 and ECON 271 and 6 additional hours of 300 to 400 level ECON courses

ECON 485 – Senior Seminar  1 credit hour  
This capstone course is designed to allow students to apply economic theory and appropriate methodology to a selected topic. Taught in a seminar style, the course will allow students to demonstrate their knowledge of economics, their ability to write effectively, and their ability to communicate effectively by making a professional-level presentation using best available technology.  
Prerequisite: ECON 300 and senior standing

ECON 499 – Independent Study and Research in Economics  1-6 credit hours  
Individual research under the supervision of a faculty member of the department and approved by the Department Chairman. Topics to be investigated may be tailored to fit the needs of the student.  
Total Credits Allowed: 18.00

Engineering (ENGR)

ENGR 10 – Freshman Engineering Seminar  0 credit hours  
Overview of the engineering field as well as major specific information. Information will be provided to help with transitional needs to UNL and the college of engineering (time management, study skills, and resources), involvement opportunities (student organizations, research, and study abroad), tours of engineering facilities for experiential learning, and interactive learning to increase business knowledge and skills.
ENGR 101 – Introduction to Engineering 3 credit hours
Students will examine relevant and practical industrial and commercial engineering applications to gain necessary engineering skills that will help them succeed as a student as well as a professional engineer. A variety of engineering disciplines will be highlighted and discussed, as well as topics in the underlying physical, chemical, and biological scientific principles and processes related to each topic. The class will use a specified focus area that involves real world applications to aid in the conceptualization and learning of the course material.
Corequisite: MATH 103 or MATH 115 or MATH 202.

ENGR 130 – Computer Aided Drafting for Mechanical Engineering 3 credit hours
Principles and accepted practices of geometric design in mechanical engineering. Computer generation of 2D and 3D models for mechanical systems. Introduction to engineering design practices such as specifications, dimensioning, and tolerance.
Prerequisite: ENGR 101

ENGR 215 – Engineering Circuits I 4 credit hours
Introduction to electrical engineering circuit theory. Kirchhoff's laws and circuit analysis theorems applied to steady state DC resistive circuits. Analysis of transient RLC and sinusoidal steady-state circuits.
Corequisite: PHYS 276 and MATH 202.

ENGR 216 – Engineering Circuits II 4 credit hours
Steady state power calculations for sinusoidal single-phase and balanced three-phase circuits. Analysis of circuits containing mutual inductance. Advanced analysis of active and passive circuits in both the time and frequency domain. Introduction to fundamentals of semiconductor theory and their application to p-n junction devices. Kirchhoff's laws and circuit analysis theorems applied to steady state diode and transistor circuits. Applications of operational amplifiers. Lecture 3 hours, lab 1 hour.
Prerequisite: ENGR 215

ENGR 223 – Engineering Statics 3 credit hours
Analysis of forces, using vector algebra, acting on particles and rigid bodies in static equilibrium; equivalent systems of forces; friction; centroids and moments of inertia; introduction to energy methods.
Corequisite: PHYS 275 and ENGR 101.

ENGR 325 – Mechanics of Materials 3 credit hours
Stresses and strain in solids, uniaxial loading, linear elasticity, material behavior; stresses in beams, pressure vessels, Torsion of circular shafts, bending of beams of symmetrical section, column buckling and elastic instability.
Prerequisite: ENGR 223.
Corequisite: MATH 260.

ENGR 373 – Engineering Dynamics 3 credit hours
Basic theory of engineering mechanics, using calculus, involving the displacement, velocity, and acceleration of particles, rigid bodies, and systems of particles. Newton's Laws, work and energy relationships, principles of impulse and momentum are applied to the solution of kinematic engineering problems.
Prerequisite: ENGR 223.
Corequisite: MATH 260.

English (ENG)

ENG 100A – English for Academic Purposes 3 credit hours
An introduction to the challenge of reading and writing academic prose. The course encourages students to become more analytical, interpretative, and self-conscious of the persuasive motives of writing. Students learn to develop, organize, and express complex ideas that are appropriate for the academic context. Study of the writing processes will include multiple drafts, revision, invention, and critical thinking strategies.

ENG 101 – Introduction of Academic Writing 3 credit hours
A study of the art of composition with special emphasis on the writing process and on essay form. Students study methods of invention and arrangement and hone their stylistic, grammatical, and punctuation skills.
Prerequisite: ENG 100A or English ACT score of 15 or greater

ENG 102 – Academic Writing and Research 3 credit hours
A continuing study of composition with emphasis on intertextuality. Students learn to read texts in a variety of ways, to respond to those texts, to integrate voices from multiple sources into a single paper using standard citation conventions, and to find pertinent information through library research or interviews and to use it to create coherent and well-developed papers.
Prerequisite: ENG 101 or equivalent or English ACT score of 29 or above

ENG 110 – Writing Tutorial 1 credit hour
Offered by the Writing Center, this course is an individually structured sequence of assignments designed to improve students’ writing. The assignments may be focused on particular skills, e.g. writing from sources or writing essay tests. Students may register through the ninth week of the semester.
Total Credits Allowed: 2.00

ENG 153 – Democratic Vistas 3 credit hours
This course focuses on two questions: WHAT IS AN AMERICAN? WHAT DOES IT MEAN TO BE AN AMERICAN? Students will read selected writings of major American cultural figures who have investigated and questioned American identities.

ENG 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ENG 191 – Editing Skills 1 credit hour
Intended to review and/or acquaint students with the conventions of edited American English, equipping them to better edit their own writing; taught by graduate assistants assigned to the Writing Center.

ENG 211 – Introduction to Creative Writing 3 credit hours
This course is an introduction to the four creative genres: poetry, fiction, screenwriting, and non-fiction. In addition to demonstrating the creative elements of writing and the process of revision, students will develop their critical skills from a writer’s perspective.
ENG 214 – Beginning Fiction Writing  3 credit hours  
Study of the techniques and materials of prose fiction. Primarily, the course examines fiction written by the class members. Some published contemporary stories are included in the reading. Reading fiction well is as important an objective as writing well.

ENG 215 – Introduction to Creative Writing for the Stage/Screen  3 credit hours  
Study of the technique and materials of writing drama. Aim is to allow students to develop the skills necessary to create finished pieces of work for theatre, film or television and to give students the critical tools to read and assess dramatic scripts. 
Prerequisite: ENG 101 and ENG 102

ENG 217 – Beginning Poetry Writing  3 credit hours  
A close reading of poems written by students to discover what poems mean. This means a study of how versification contributes to or detracts from the paraphrasable content of a poem.

ENG 220 – Introduction to Film Studies  3 credit hours  
Introduction to Film Studies is designed to introduce thinking and writing about the cinema by means of film theory and history. The course aim is to study films and essays that have proved central to ways of thinking about the cinema. 
Prerequisite: ENG 102

ENG 234 – Reading and Writing about Literature  3 credit hours  
An introduction to the principles of close reading, the interpretation, and the criticism of literary texts. Prerequisite for all 300 and 400 level courses intended to count toward the major. Required of all undergraduate English majors. 
Prerequisite: ENG 102

ENG 235H – American Studies  3 credit hours  
General Studies course for Honors students. Students will employ the techniques of interdisciplinary studies to arrive at an understanding of American culture. They will focus on problem(s) in American life which may range from local to international and may deal with any or all time periods. Subject matter from a variety of disciplines will help illuminate the problem being studied. 
Prerequisite: ENG 102

ENG 240H – Literary Classics of the Western World  3 credit hours  
A General Studies course for Honors students. Introduction to major works of literature ranging from classical antiquity to the present. Authors, genres, and periods will vary. Emphasis will be placed on close reading and comparative analysis, as well as the question of how to define a classic. 
Prerequisite: ENG 102

ENG 250 – Introduction to Literature: British Literature  3 credit hours  
Introduction to authors, genres, and periods from the British literary tradition. Some emphasis will be placed on recurring themes, literary devices, and close reading of texts. 
Prerequisite: ENG 102

ENG 251 – Introduction to Literature: American Literature  3 credit hours  
American literary texts and backgrounds and perspectives helpful in reading them. Students acquire the skills to interpret these texts and to express their interpretation in forms of discourse suitable to an academic setting. 
Prerequisite: ENG 102

ENG 252 – Introduction to Literature: Western Civilization  3 credit hours  
Examines representative literary works from the ancient to the modern world. 
Prerequisite: ENG 102

ENG 253 – Intro to Literature: Non-Western Civilization  3 credit hours  
Examines representative literary works from the ancient to the modern world which have either shaped or reflected contemporary thought and are thus important to what are generally identified as non-western cultures. 
Prerequisite: ENG 102

ENG 254 – Introduction to Literature: Special Topics  3 credit hours  
Introduces types of literature and techniques used in writing and reading texts; works will differ in genre, style, source, and context from section to section. 
Total Credits Allowed: 12.00  
Prerequisite: ENG 102

ENG 260 – Images of Women in Literature  3 credit hours  
An introduction to the study of images of women in various genres of literature. Works of fiction, poetry, and drama written by women will be studied and discussed. 
Prerequisite: ENG 102

ENG 280H – Special Topics  3 credit hours  
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines. 

ENG 303 – Introduction to Linguistics  3 credit hours  
A course designed to study language in the manner of the structuralists. It includes introductory phonology, morphology, and syntax. Also included is a study of geographical and social dialect. 

ENG 304 – Grammar I  3 credit hours  
The purpose of the course is to develop the ability to observe, analyze, and articulate the structure of language, including the morphological character of individual words, syntactic relations among words, and the grammatical and/or social acceptance of linguistic constructions. The course also examines approaches to the study of grammar, from the prescriptive tradition to transformational-generative theories and beyond.

ENG 311 – Advanced Writing I  3 credit hours  
A study of writing processes as they have been described by professional writers and rhetoricians. The purposes of this course are to familiarize students with various conceptions of the writing process, to introduce them to composition research methods, and to give them ample opportunity to investigate and experiment with various writing strategies. 
Prerequisite: ENG 102

ENG 312 – Technical and Science Writing  3 credit hours  
Explores written communication in technical and scientific contexts through the study of genres and audiences commonly encountered in professional situations. Students will study articles and books on theoretical and applied sciences, then compose a research article or feasibility reports. 
Prerequisite: ENG 102

ENG 320 – Creative Play/Script Writing  3 credit hours  
Formal differences of the drama and screenplay are studied extensively while writers also concentrate on the methods and principles of dramatic adaptation of literary narratives. 
Prerequisite: ENG 234 or department permission
ENG 330 – European Literature in Translation  3 credit hours
This course will examine the writings of European writers in translation. The texts selected may range from classic to contemporary and represent a wide range of periods and cultures.
Prerequisite: ENG 234 or department permission

ENG 333 – Non-Western Literature in Translation  3 credit hours
This course will examine the writings of non-Western authors in translation. Often, these authors dramatize the conflicts between traditional cultural beliefs and the effects of modern telecommunications, industrialization, and consumerism. The texts selected will represent a wide range of peoples and cultures responding to such developments as globalization and post-colonialism.
Prerequisite: ENG 234 or department permission

ENG 336 – Ancient Literatures  3 credit hours
Critical study of the uses of literary genres, in the Bible or in other ancient literatures (and in the subsequent literatures following a particular ancient form), with attention to both unity and diversity of voice, style, and structure.
Total Credits Allowed: 9.00
Prerequisite: ENG 234 or department permission

ENG 337 – Special Topics in Popular Literature  3 credit hours
A study of popular literary taste as reflected in such genres as the detective story, science fiction, adult fantasy, and others.
Total Credits Allowed: 6.00
Prerequisite: ENG 234 or department permission

ENG 338 – Studies in a Literary Genre  3 credit hours
Historical and/or critical study of a selected genre such as poetry, drama, the novel, the short story, autobiography, focusing on a variety of representative works in the literary genre being studied.
Total Credits Allowed: 6.00
Prerequisite: ENG 234 or department permission

ENG 352A – Survey of US Literature I  3 credit hours
An historical and critical study of major American writers to the mid-nineteenth century.
Prerequisite: ENG 234 or department permission

ENG 352B – Survey of US Literature II  3 credit hours
An historical and critical study of major American writers from the mid-nineteenth century to the present.
Prerequisite: ENG 234 or department permission

ENG 358 – Literature of the American West  3 credit hours
An introduction to the study of Western writers selected from a time period extending from the Native American oral tradition to contemporary poetry, fiction, nonfiction, and drama. Several Nebraska authors will be studied as well as works by women, Chicano, and Native American writers.
Prerequisite: ENG 234 or department permission

ENG 359 – Contemporary American Multicultural Lit  3 credit hours
This course will examine multiculturalism and how it has impacted American literature. Readings will include philosophical, historical, and political approaches to multiculturalism. Students will read a wide variety of contemporary American ethnic literatures, including writings by Native American, African American, Hispanic American, and Asian American authors.
Prerequisite: ENG 234 or department permission

ENG 360 – American Women Writers  3 credit hours
Surveys American women’s writings from early captivity narratives to contemporary avant-garde poetry.
Prerequisite: ENG 234 or department permission

ENG 362A – Survey of British and Commonwealth Literature I  3 credit hours
An historical and critical study of major British and Commonwealth writers through the seventeenth century.
Prerequisite: ENG 234 or department permission

ENG 362B – Survey of British and Commonwealth Literature II  3 credit hours
An historical and critical study of major British and Commonwealth writers beginning with the Restoration and eighteenth century.
Prerequisite: ENG 234 or department permission

ENG 373 – Film Genre  3 credit hours
Study of the various film genres, such as the Musical, the Western, the Gothic, and Film Noir, from their inception in the early twentieth century to the present day. Course concentrates on a particular genre depending on the semester. Weekly film screenings.
Prerequisite: ENG 102

ENG 374 – History of the Motion Picture  3 credit hours
The study of film adaptation of literary narratives. Students compare and contrast the narrative conventions of fiction with the visual language of the film.
Prerequisite: ENG 102

ENG 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

ENG 404 – History of the English Language  3 credit hours
A survey of the origins and development of the English language, with special emphasis on modern methods of linguistic study.
Prerequisite: ENG 234 or department permission

ENG 406 – Principles of Literary Criticism  3 credit hours
The methods and principles of literary criticism with special attention to critical vocabulary and the various strategies of reading literary texts.
Prerequisite: ENG 234 or department permission

ENG 411 – Advanced Writing II  3 credit hours
A study of writing as a social act. Students study theoretical descriptions of rhetorical genre, audience, and situation. Besides writing papers that discuss these theories, students also practice writing in a situated rhetorical context and may be asked to work collaboratively.
Prerequisite: ENG 102

ENG 415 – Advanced Fiction Writing  3 credit hours
Further study of the techniques of prose fiction, concentrating on stylistics. Student manuscripts, written for the course, will provide most of the examples for study. Contact department for permission to register.
Prerequisite: ENG 211 or ENG 214 or ENG 215 or ENG 217

ENG 419 – Advanced Poetry Writing  3 credit hours
An advanced course in writing lyric poetry. Students concentrate upon their own style and subject matter.
Prerequisite: ENG 211 or ENG 214 or ENG 215 or ENG 217
ENG 422 – Language for the Elementary Teacher  3 credit hours
This course is a practical survey of the current findings in language as they pertain to the Language Arts teacher. The topics it examines have been under discussion for some time and form a solid part of the developing body about the English language, particularly as related to the traditional responsibilities of the Language Arts teacher.
Prerequisite: ENG 102

ENG 423 – Reading Problems of Secondary Schools  3 credit hours
This course proposes to enable teachers of English and other content areas to deal with those students who have reading problems as well as to increase reading ability in all students.
Prerequisite: ENG 102

ENG 424 – Teaching Secondary School English  3 credit hours
Content and the teaching of language, literature, and composition in the secondary school.

ENG 425 – Children's Literature  3 credit hours
A study of texts recommended to and/or popular among children, informed by readings of literary criticism and historical discourses on childhood.
Prerequisite: ENG 234 or ENG 235H or ENG 240H or ENG 250 or ENG 251 or ENG 252 or ENG 253 or ENG 254 or ENG 280H or department permission

ENG 426 – Literature for Adolescents  3 credit hours
A study of texts recommended to and/or popular among adolescents and young adults, informed by readings of literary criticism and historical discourses on youth.
Prerequisite: ENG 234 or ENG 235H or ENG 240H or ENG 250 or ENG 251 or ENG 252 or ENG 253 or ENG 254 or ENG 280H or department permission

ENG 427 – Electronic Literacy  3 credit hours
Students will explore ways of teaching English in the new electronic environment and examine the implications of the electronic environment on traditional curriculum and pedagogy.
Prerequisite: ENG 234 or department permission

ENG 429 – Theory and Pedagogy of Writing  3 credit hours
Theory and Pedagogy of Writing will study topics and issues in teaching writing in the middle and secondary schools. The course will focus on the history and theory of composition rhetoric, the various sub-genres of writing, the writing process elements, language and language conventions, workshop techniques, technological resources, and strategies for assessment.
Prerequisite: ENG 102 and ENG 234 or equivalent

ENG 442 – Colonial/Early American Literature  3 credit hours
Surveys the emergence and development of Colonial and early U.S. national literature, from approximately 1620-1820, by examining the evolution of ideas about U.S. culture, society, and national identity as expressed in early American writers' fiction, poetry, drama, autobiography, essays, and journals.
Prerequisite: ENG 234 or department permission

ENG 443 – Seminar in the American Renaissance  3 credit hours
This seminar will examine selected literary issues from the early Nineteenth Century to the rise of realism.
Prerequisite: ENG 234 or department permission

ENG 444 – Seminar in American Realism  3 credit hours
A study of works of literary realism. The seminar focuses on literary responses to contemporary issues and explores the intersection of art and social conscience.
Prerequisite: ENG 234 or department permission

ENG 445 – Seminar in Early 20th Century American Literature  3 credit hours
Each student will develop an in-depth project applying particular critical methodologies to a body of works representative of the American literary culture of the first half of the twentieth century. This seminar focuses primarily on American literary texts representative of late realism and early modernism, focusing on the growing awareness of indeterminacy and the role imaginative works might play in ordering reality. Students will produce a major paper, demonstrating their progress through the major.
Prerequisite: ENG 234 or department permission

ENG 447 – Seminar in Post-World War II American Literature  3 credit hours
This seminar focuses primarily on American literary texts representative of late modernism and post-modernism and focusing on the growing awareness of America as a multivalent, multiracial, multiethnic society. Each student will develop an in-depth project applying particular critical methodologies to the selected works. Students will produce a major paper, demonstrating their progress through the major.
Prerequisite: ENG 234 or department permission

ENG 448 – The Graphic Novel  3 credit hours
This class will focus on the broad genre of art-writing called "visual narrative" in comic strips, single-panel cartoons, wordless novels, graphic journalism, superhero comics, saga, adaptation, and memoir. We will be discussing such technical issues as the relationship between image and text, their interdependent potential for unique literary expression, word adaptation to image, and graphic novel adaptation to film as well as thematic issues that vary by semester.
Prerequisite: ENG 234

ENG 450 – Seminar in World Literature  3 credit hours
A study of selected works in translation. Works will vary from semester to semester.
Prerequisite: ENG 234 or department permission

ENG 452 – Seminar in Shakespeare  3 credit hours
Advanced course in Shakespeare's dramatic works focused on genre, offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on prairie.
Total Credits Allowed: 3.00

ENG 455 – The Graphic Novel  3 credit hours
This class will focus on the broad genre of art-writing called "visual narrative" in comic strips, single-panel cartoons, wordless novels, graphic journalism, superhero comics, saga, adaptation, and memoir. We will be discussing such technical issues as the relationship between image and text, their interdependent potential for unique literary expression, word adaptation to image, and graphic novel adaptation to film as well as thematic issues that vary by semester.
Prerequisite: ENG 234

ENG 458 – Great Plains Studies  1-3 credit hours
Offers the opportunity to reflect on life through the literature and other lore of the Great Plains. Through a different subject focus each offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on prairie.

ENG 460 – Topics: Women's Literature  3 credit hours
Investigates in-depth topics and issues related to literature by and about women.
Prerequisite: ENG 234 or department permission

ENG 462 – Early/Middle English Literature  3 credit hours
Readings in special topics drawn from early/middle English literature.
Prerequisite: ENG 234 or department permission

ENG 463 – Seminar in Shakespeare  3 credit hours
Advanced course in Shakespeare's dramatic works focused on genre, language, characterization, and theater. Criticism, film analysis, and reader's theater will enhance students' readings of the plays.
Prerequisite: ENG 234 or department permission

ENG 464 – Seminar in the Renaissance  3 credit hours
Advanced course in English Renaissance literature with some attention given to Continental influences. This course will cover various genres and authors and will include both Renaissance and modern criticism.
Prerequisite: ENG 234 or department permission
ENG 466 – Literature of the English Restoration and Eighteenth Century 3 credit hours
A study of the rise and decline of neoclassicism in non-dramatic literature from Dryden to Burns.
Prerequisite: ENG 234 or department permission

ENG 467 – Seminar in Romanticism 3 credit hours
Readings in special topics drawn from the Romantic literature of Western cultures. Emphasis can be on particular writers, genres, or critical issues.
Prerequisite: ENG 234 or department permission

ENG 468 – Seminar in Victorian Literature 3 credit hours
A study of selected British prose and poetry from approximately 1830 to 1900.
Prerequisite: ENG 234 or department permission

ENG 469 – Seminar in Modernism 3 credit hours
Specific topics will vary at each offering: topics will be based on specific author(s), themes/motifs, etc. The scope of the seminar is literature of international modernism (c. 1891-1950) written in English.
Prerequisite: ENG 234 or department permission

ENG 471 – Seminar in Rhetoric 3 credit hours
A capstone seminar in rhetoric designed to introduce students to rhetorical criticism, to familiarize students with recent developments in the field of composition and rhetoric, and to give them opportunities (1) to do research in the field by writing either a theoretical paper or a rhetorical criticism, or (2) to produce a professional-level document.
Prerequisite: ENG 102 and ENG 234 and an upper division writing course or department permission

ENG 474 – Postmodern/Contemporary British Literature 3 credit hours
A study of the major international post-modernist texts written in English (exclusive of the U.S.). The course takes aim at the transnational and cross-genre post-modern elements of the texts. At each offering, a specific genre will be emphasized.
Prerequisite: ENG 234 or department permission

ENG 480 – Ft. Kearny Writers' Workshop 1-3 credit hours
A workshop in creative writing for those who would like to improve their abilities in writing poetry, fiction, and drama.
Total Credits Allowed: 10.00

ENG 481 – Plains Literature Institute 1-3 credit hours
This course proposes to study major Western and Plains writers either individually, by theme, or by genre. Writers might include Nebraskan or regional writers.
Total Credits Allowed: 3.00

ENG 483 – Film Institute 1-3 credit hours
A study of the film in both its aesthetic as well as historical dimensions. Students will examine the development of film as both art and mass entertainment in addition to studying the various critical methods of interpreting the film.
Total Credits Allowed: 3.00

ENG 484 – Classic Literature of Childhood 3 credit hours
Historical and critical study of major writers for children and youth. Topics may vary from "Golden Age" children's literature of the nineteenth century (e.g, Carroll, Barrie, Burnett, Stevenson, Kipling) to more modern established texts (e.g., C.S. Lewis, L'Engle, Dahl, Seuss, Milne).
Prerequisite: ENG 234

ENG 485 – Narrative Strategies 3 credit hours
Study of language, structure, point of view, imagery, dialogue, setting character, and plot in works of fiction, including fiction written by class members. Aim is for students to demonstrate mastery of techniques and identify them in the literary works of others.
Prerequisite: ENG 211 or ENG 214 or ENG 215 or ENG 217

ENG 490 – Special Topics 1-3 credit hours
Specific topics in literature which are not covered in other departmental offerings. Format of the course will vary according to topic, instructor, and needs of the student.
Total Credits Allowed: 6.00

ENG 499 – Individual Research 1-3 credit hours
Independent study under the supervision of a major professor of language or literature.
Total Credits Allowed: 18.00
Prerequisite: ENG 234 or department permission

Ethnic Studies (ETHS)

ETHS 101 – Introduction to Ethnic Studies 3 credit hours
This course focuses on the historical development, perspectives, and cultural expressions of U.S. minority groups. Consideration will be given to key concepts including race, ethnicity, nationality, class and power, and the interactions among them.

ETHS 370 – Research in Ethnic Studies 3 credit hours
Under faculty guidance, students will conceive and carry out a semester-long project of research or creative activity in Ethnic Studies. It may be possible to cross-list this research course with compatible research/independent study courses from other disciplines.
Prerequisite: ETHS 101

ETHS 450 – Senior Seminar in Comparative Ethnic Studies 3 credit hours
A capstone course for students minoring in Ethnic Studies. Utilizing the projects developed by students in ETHS 370, this interdisciplinary seminar will draw connections between prior Ethnic Studies courses and student research while examining contemporary theory, issues, and events through lecture and seminar discussion.
Prerequisite: ETHS 101 and ETHS 370

Family Studies (FAMS)

FAMS 110 – Introduction to Nutrition 3 credit hours
Scientific basis of nutrition, nutrients and their functions, sources of deficiency diseases requirements and basic interrelationships of nutrients. Nutrition throughout the life cycle.

FAMS 150 – Lifespan Development and the Family 3 credit hours
This course is designed to facilitate an initial, critical understanding of human development. Various aspects, themes, and influences of development are examined across the lifespan, with particular emphasis placed on the familial, cultural, cognitive, theoretical and physical aspects of the ever developing human.

FAMS 151 – Human Sexual Behavior 3 credit hours
A course designed to help the individual to understand himself as a whole person so that he relates to others in a healthy, constructive and meaningful manner. Evaluation of one's own values in relation to life-style and the value structure of society.
FAMS 160 – Personal Money Management  3 credit hours
Fundamentals of personal finance: budgeting, banking, life insurance, accident, health, and casualty insurance, investments, taxes, and social security.

FAMS 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

FAMS 250 – Infant Development  3 credit hours
A study of growth and development, principles of guidance, and care of children from conception through two years of age including changing concepts affecting parenthood.

FAMS 251 – The Developing Child 0-8  3 credit hours
The course is designed to facilitate an in depth study of developmental processes from conception to age eight. Readings, lectures, and class discussions will provide students with a fundamental understanding of particular developmental stages using a multi-theoretical framework.

FAMS 253 – Child and Adolescent Development  3 credit hours
A study of the growth, maturational and developmental characteristics of children from early childhood through adolescence. Principles, examples and practical issues involved in the guidance of children through childhood through adolescence as they traverse various stages of psycho-social, cognitive and physical development.
Additional Course Fee Required

FAMS 280 – Field Experience: Diversity in the Profession  2 credit hours
The experience provides the student with an introduction to the diverse work world of Family Studies. It is designed to help the student to focus on a particular area in career preparation.

FAMS 302 – Parent Education  3 credit hours
The purpose of this course is to give students and understanding of parenting and the parent-child relationship from a theoretically-guided and research based perspective. Students also will gain a better understanding of the basic principles relating to the process of creating parent education materials and facilitating parent education programs. This course is designed to give students a base upon which to work with parents and to further develop parent education skills by applying and practicing concepts related to parenting and parent education.

FAMS 340 – Family Life Education  3 credit hours
The purpose of this course is to give students an understanding of the general philosophy and broad principles of family life education methodology. By the end of the course, students will have the ability to develop, facilitate, locate, and evaluate family life education programs. It is recommended that students take FSID 302: Parent Education before taking this course.

FAMS 351 – Marriage and Family Relationships  3 credit hours
A course designed to help the individual develop some very personal insight and a sensitive awareness about the feelings and meanings of relationships in love, marriage and family relationships.

FAMS 362 – Families and Social Policy  3 credit hours
The Study of social policy and its impact on families.

FAMS 380 – Advanced Nutrition  3 credit hours
The study of the cell and its nourishment, the metabolism of macronutrients, the regulatory nutrients, the impact of nutrients on homeostasis in body, and the design and interpretation of nutrition research.
Prerequisite: FAMS 110
Additional Course Fee Required

FAMS 395 – Individual Studies in FAMS  1-3 credit hours
Independent study of Family Studies to meet the needs of the student. For majors only.
Department Consent Required
Total Credits Allowed: 18.00

FAMS 402 – Research and Analysis in Family Studies  3 credit hours
Analysis of major studies and current literature.
Prerequisite: FAMS 150 and junior standing or permission

FAMS 404 – Family Studies Ethical and Professional Practice  3 credit hours
Research/grant acquisition, fundraising fundamentals and career preparation.
Prerequisite: Junior or senior standing

FAMS 406 – Family Resource Management  3 credit hours
Theory and experiences in management dealing with the problems of individual and family living.

FAMS 430 – Grantwriting and Fundraising for Human Service Programs  3 credit hours
This course introduces the student to the fundamentals of grantwriting and fundraising including the principles of marketing used to identify need, locating funding sources, using persuasive technical writing to create a grant proposal and a fundraising plan, and preparing necessary budgets for allocation of resources available. The course includes hands-on experience in preparing a grant proposal and in creating effective fundraising campaigns.

FAMS 450 – The Aging Adult  3 credit hours
This course examines the various aspects of aging including the physical, psychological, and social issues of elders. These aspects of aging are examined from individual, cohort, family and global perspectives. Students explore and examine aging issues through the use of formal research, personal interviews, site visits, and agency presentations.

FAMS 465 – Advanced Study of Sexual Behaviors  3 credit hours
An in-depth survey of human sexual behavior from psychological, sociological, biological, ethological, historical, and economic perspectives
Prerequisite: Junior or senior standing

FAMS 475 – Internship  1-9 credit hours
Internship is defined as a set of variable experiences, inter- or intra-institutions to include clinical or work-related experiences. The purpose of this course is to provide experiences in the various areas of Family Studies. It provides students with opportunities for broader experience and enables them to develop competencies which meet requirements of professional accrediting agencies.
Total Credits Allowed: 12.00
FAMS 476 – Child & Family Home Visitation  3 credit hours
This course focuses on issues relevant to professionals engaged in home visits with families parenting infants and young children. The course is designed to enhance the skill set required to effectively work with diverse children and their families. Family empowerment and advocacy skills will be enhanced.
Prerequisite: FAMS 150 or FAMS 251 or FAMS 253 or permission of instructor

FAMS 481 – Cross-Cultural Family Patterns  3 credit hours
Comparative research of familial behavior and structural patterns of various cultures. Analysis and evaluation of the impact of differing cultures on societal and family interactions.

FAMS 486 – Families in Crisis  3 credit hours
This course enables Family Studies and other service and social support-oriented students to understand the trauma and recovery process associated with normative and catastrophic family crisis.
Prerequisite: FAMS 351 and junior standing or permission or permission of instructor

FAMS 490 – Special Problems in FAMS  3 credit hours
For Family Studies professionals who wish to update their understanding of accepted educational procedures and practices.

FAMS 492 – Advanced Developmental Theories  3 credit hours
Seminal as well as current developmental theories will be examined in depth. Particular emphasis will be placed on the most influential theories and their relevance to infant, child, and adolescent development. Prior completion of FAMS 150, 250 and 253 is highly recommended.
Prerequisite: Senior standing

FAMS 495 – Special Problems in Nutrition  3 credit hours
The study of nutrition issues/challenges facing our nation and world today, with a focus on controversial topics and the research supporting both sides of each argument.
Prerequisite: FAMS 110

FAMS 802P – Selected Readings in Human Relationships  3 credit hours
Analysis of major studies and current literature in Family Studies and related disciplines.
Prerequisite: FAMS 150 and FAMS 351 or permission

FAMS 806 – Families and the Economy  3 credit hours
Theory and application of economic principles to the understanding of individual and family behaviors within and the impact of family participation upon the economic system of the United States and the global economy.
Prerequisite: ECON 100 or ECON 270 or ECON 271

FAMS 830P – Grantwriting and Fundraising for Human Service Programs  3 credit hours
This course introduces the student to the fundamentals of Grantwriting and Fundraising including the principles of marketing used to identify need, locating funding sources, writing a grant proposal using persuasive technical writing, and preparing a budget. The course includes hands-on experience in identifying a funding source and preparing a grant proposal.

FAMS 850P – The Aging Adult  3 credit hours
This course examines the various aspects of aging including the physical, psychological, and social issues of elders. These aspects of aging are examined from individual, cohort, family and global perspectives. Students explore and examine aging issues through the use of formal research, personal interviews, site visits, and agency presentations.
Prerequisite: FAMS 150 or permission of instructor

FAMS 865P – Advanced Study of Sexual Behaviors  3 credit hours
An in-depth analysis of human sexual behavior from psychological, sociological, biological, ethological, historical, and economic perspectives.

FAMS 881P – Cross Cultural Family Patterns  3 credit hours
This course examines the concept of family as it appears in various cultural contexts in the United States and in other settings. Family and culture will be viewed both historically and in the contemporary period. Various models of the family, representing both western and nonwestern traditions, will be explored through readings, discussion, and writing. Particular emphasis will be given to gaining understanding about the values, traditions, and socio-economic/geopolitical circumstances, that influence the development of culture.

FIN 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

FIN 280H – Special Topics  1-3 credit hours
Total Credits Allowed: 3.00

FIN 308 – Principles of Finance  3 credit hours
Concepts of firm valuation and capital budgeting, capital structure and cost of capital, and analysis of financial statements.
Prerequisite: ACCT 251 and ECON 271
FIN 309 – Corporate Finance  3 credit hours
The study of financial management concepts with an emphasis on the theory and practical application of the investment and financing decision-making processes.
Prerequisite: FIN 308

FIN 315 – Construction Finance & Accounting  3 credit hours
Basic principles and applications of construction finance with an emphasis on the financial feasibility of a construction project and the acquisition and management of funds needed to profitably build a project. Emphasis will also be placed on construction accounting competencies necessary for business start-up, operations and expansion.
Prerequisite: ACCT 250

FIN 316 – Insurance  3 credit hours
An introduction to risk and risk management as they pertain to most types of personal insurance situations.

FIN 328 – International Financial Management  3 credit hours
Globalization and integration of financial markets present unique opportunities and unique risks for all kinds of firms and investors. This course is designed to provide students with a strong conceptual background for financial decision-making related to international corporate finance and international investing.
Prerequisite: Any Math class meeting the Foundational Core requirement of General Studies.

FIN 344 – Real Estate Principles  3 credit hours
A study of the general principles used in real estate decision making. Topics include economic and ethical considerations, ownership, leases, marketing finance, appraisal, investments, legal issues related to contracts, agency, licensing, discrimination, and career alternatives. This course is approved by the Nebraska Real Estate Commission.

FIN 422 – Financial Institutions  3 credit hours
The management of commercial bank and non-bank institutions with an emphasis on the lending and investing practices of these institutions.
Prerequisite: FIN 480

FIN 425 – Financial Statement Analysis  3 credit hours
This course takes an in-depth look into company financial statements and shows how information therein can be analyzed and processed to aid many individuals including creditors, investors, managers, consultants, auditors, directors, regulators and employees in their business decisions.
Prerequisite: FIN 308

FIN 475 – Finance Internship  1-15 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning experience is organized and supervised by the academic department and personnel of selected industries. Must be approved by the Department.
Total Credits Allowed: 15.00
Prerequisite: Minimum 2.5 GPA and FIN 308

FIN 476 – Short-Term Financial Management  3 credit hours
The purpose of this course is to familiarize students with the principles and techniques of working capital analysis and management. Topics include inventory, accounts receivable and cash systems management, credit and collection systems, and payables and short-term financing analysis and management.
Prerequisite: FIN 308

FIN 480 – Investments  3 credit hours
Theory and analysis of investment vehicles including stocks, bonds and money market investments. Analysis of portfolio construction.
Prerequisite: FIN 308 and ECON 270

FIN 481 – Portfolio Management  3 credit hours
This course extends the principles of security analysis, portfolio construction, and portfolio management. The process of creating, managing, and evaluating an investment portfolio is examined through a series of lectures, quantitative projects, and experiential learning.
Prerequisite: FIN 309

FIN 482 – Case Studies in Financial Management  3 credit hours
Financial analysis and decision-making using advanced case studies of business and some specialized organizations.
Prerequisite: FIN 309 and FIN 476 and FIN 480

FIN 490 – Essentials of Financial Accounting & Corporate Finance  3 credit hours
Students study essential elements of financial accounting and corporate finance in preparation for graduate level study of finance. Concepts of financial statement composition and analysis, time value of money, capital market theories, firm valuation, capital budgeting, and capital structure are emphasized. Students taking this class should be comfortable with algebra.

FIN 499 – Special Problems in Business  1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed to integrate the knowledge acquired in other courses in business administration, and to emphasize analysis and decision-making. Must be approved by Department Chair.
Department Consent Required
Total Credits Allowed: 6.00

Foreign Language (FORL)

FORL 110 – Introduction to a Language & Culture  1-3 credit hours
This course is an introduction to a particular language of the world (e.g. Arabic, Russian) and the culture associated with it. The language chosen will not be one that UNK regularly offers, nor will this one semester course count for General Studies credit or for the B.A. requirement. May be taken for two different languages.
Total Credits Allowed: 3.00

FORL 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

FORL 280H – Special Topics - Honors  3 credit hours

FORL 300A – Foreign Language Practicum  1 credit hour
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.

FORL 300B – Foreign Language Practicum  1-2 credit hours
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.
Total Credits Allowed: 2.00
FORL 300C – Foreign Language Practicum 1-3 credit hours
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.
Total Credits Allowed: 3.00

FORL 300D – Foreign Language Practicum 1-4 credit hours
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.
Total Credits Allowed: 4.00

FORL 308 – Seminar in Translation I 3 credit hours
Teaches the theory and practice of translation. Prerequisite: A 300 or 400 level course in Spanish except SPAN 302 or SPAN 388 or instructor consent.

FORL 309 – Seminar in Translation II 3 credit hours
Continues the study of translation theory and practice. Prerequisite: FORL 308 or instructor consent

FORL 337 – Seminar on Foreign Film 3 credit hours
The study of a series of films produced in France and/or Francophone countries, German-speaking countries, Spain and/or Latin America (or a combination thereof). (Generally taught concurrently with FREN 337, GERM 357 or SPAN 357.)

FORL 357 – Seminar on Women in a Foreign Literature 3 credit hours
A study of women writers from France and/or Francophone countries, German-speaking countries, Spain and/or Latin America or a study of the depiction of women in one or more of these literatures. (Generally taught concurrently with FREN 357, GERM 357 or SPAN 357.)

FORL 401 – Multicultural Understanding 1 credit hour
Designed to enable the future classroom teacher to promote multicultural understanding through varied learning experiences focusing on language and cultural diversity.

FORL 409 – Interpretation I 3 credit hours
A study of interpretation theory and intensive practice of interpretation skills. Prerequisite: A 300 or 400 level course in Spanish except SPAN 302 or SPAN 388 or one of FORL 308 or FORL 309 or FORL 410

FORL 410 – Interpretation II 3 credit hours
A companion course to FORL 409, Interpretation I, with more practice in consecutive interpreting and working in both directions. Prerequisite: A 300 or 400 level course in Spanish except SPAN 302 or SPAN 388 or one of FORL 308 or FORL 309 or FORL 409

FORL 411 – Practicum in Translation/Interpretation 3 credit hours
This course will focus on the continued development of translation and/or interpretation skills through 60 hours of practical work in translation and/or interpretation. Prerequisite: FORL 410

FORL 470 – TESOL 3 credit hours
Theoretical foundations and sociolinguistic context of ESL teaching.

FORL 472 – Foreign Language Pedagogy 3 credit hours
Current trends in foreign language teaching and learning with emphasis on theory and practice. Prerequisite: Admission to Teacher Education or department permission

FORL 480 – Modern Languages Seminar 3 credit hours
The Modern Languages Seminar course, aiming for a synthesis of acquired knowledge in the discipline, culminates the language major. It includes a semester-long final project, demonstrating the ability to make connections between research about pertinent contexts and contemporary issues. Taken in the senior year, the course may also encompass a one credit hour study abroad, service learning, or internship component. Prerequisite: Senior standing or consent of department

FORL 499 – Independent Studies in Foreign Languages 1-3 credit hours
Directed research in foreign language education and methodology or translation. Students are not to take this course when a class course is available. Department Consent Required
Total Credits Allowed: 18.00

French (FREN)

FREN 100 – Beginning French I 3 credit hours
Elementary grammar, conversational, reading and composition in French.

FREN 101 – Beginning French II 3 credit hours
A continuation of FREN 100. Prerequisite: FREN 100 or equivalent

FREN 102 – French for Travel 3 credit hours
A course for renewing or gaining practical speaking skill in French for the prospective business person or traveler to French-speaking countries.

FREN 175 – French Study Abroad I 3-6 credit hours
A beginning level study of French language and culture taught in a French-speaking country. Total Credits Allowed: 6.00

FREN 176 – French Study Abroad I 3-6 credit hours
A beginning level study of French language and culture taught in a French-speaking country. Total Credits Allowed: 6.00

FREN 200 – Intermediate French I 3 credit hours
Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world. Prerequisite: FREN 101 or equivalent

FREN 201 – Intermediate French II 3 credit hours
Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world. Prerequisite: FREN 101 or equivalent

FREN 205 – Culture, Conversation, and Composition 3 credit hours
Conversation based on cultural and literary texts, with simple composition. Prerequisite: FREN 200 and FREN 201 or equivalent

FREN 275 – French Study Abroad II 3-6 credit hours
An intermediate level study of French language and culture taught in a French-speaking country. Total Credits Allowed: 6.00 Prerequisite: FREN 101 or equivalent

FREN 276 – French Study Abroad II 3-6 credit hours
An intermediate level study of French language and culture taught in a French-speaking country. Total Credits Allowed: 6.00 Prerequisite: FREN 101 or equivalent
FREN 303 – French Phonetics 3 credit hours
Practice in developing native pronunciation with emphasis on correcting difficulties encountered by Americans.
Prerequisite: 200 level FREN course

FREN 305 – Study of French Civilization 3 credit hours
French life, institutions and philosophies, intended as a background for further studies in French literature.
Prerequisite: FREN 201

FREN 308 – Advanced French Grammar 3 credit hours
Designed to provide students with a thorough grammar review. Extensive practice with progressively challenging tasks will be combined with reading and writing activities.
Prerequisite: FREN 201 or equivalent

FREN 309 – Foundations of Literacy 3 credit hours
A systematic approach to understanding different styles of texts, including traditional literary genres such as narrative, poetry and theater, but also news media, essays, social media, blogs, cinema, and so on. Students will focus on the continuing development of oral fluency toward narration / elaboration and paragraph-length discourse built around extensive reading, and will receive specific writing tasks related to the readings. Grammar is reviewed only on an as-needed basis.
Prerequisite: FREN 201 or equivalent

FREN 310 – Cultural History I 3 credit hours
A multi-faceted approach to French civilization, focusing on key periods and cultural products from the Middle Ages through the French Revolution. The study of socio-political and intellectual developments will be combined with the analysis representative literature and art works, as well as film and documentaries.
Prerequisite: FREN 201 or equivalent

FREN 311 – Cultural History II 3 credit hours
A multi-faceted approach to French civilization and its expansion into the French-speaking world, focusing on key periods and cultural products from the nineteenth century to the present. The study of socio-political and intellectual developments will be combined with the analysis of representative literature and art works, as well as film and documentaries.
Prerequisite: FREN 201 or equivalent

FREN 333 – Commercial French 3 credit hours
A course for students who wish to master the essential vocabulary and style specific to business in France and the Francophone world.
Prerequisite: FREN 201

FREN 337 – Seminar on French/Francophone Film 3 credit hours
The study of a series of films produced in France and/or Francophone countries.
Prerequisite: FREN 201

FREN 338 – Seminar on Women in French/Francophone Lit 3 credit hours
A study of women writers from France and/or Francophone countries or a study of the depiction of women in one or more of these literatures.
Prerequisite: FREN 201

FREN 340 – Survey of French Literature I 3 credit hours
Chronological study of landmarks in literature from the Middle Ages to 1750. It is highly recommended that students take these survey courses before other courses in literature.
Prerequisite: FREN 201

FREN 345 – Survey of French Literature II 3 credit hours
Continuation of 354-a continuation of the study of important literary works, authors and movements in literature.
Prerequisite: FREN 201

FREN 356 – French Study Abroad IV 3-6 credit hours
An intermediate-high or advanced level study of French language and culture taught in a French-speaking country.
Total Credits Allowed: 6.00
Prerequisite: FREN 201 or equivalent

FREN 360 – History of French Language 3 credit hours
A study of the development of the language since its origins and as related to the phonetic and linguistic changes throughout the different literary periods in France and the Francophone world.
Prerequisite: FREN 303 and FREN 308

FREN 370 – Seminar in French/Francophone Studies 3 credit hours
The study of literary works and cultural contexts. Topic to be selected and announced in schedule of courses. May be taken more than once.
Total Credits Allowed: 6.00
Prerequisite: FREN 201 or equivalent

FREN 374 – French Study Abroad III 3-6 credit hours
An intermediate-high or advanced level study of French language and culture taught in a French-speaking country.
Total Credits Allowed: 6.00
Prerequisite: FREN 201 or equivalent

FREN 375 – French Study Abroad IV 3-6 credit hours
An advanced level study of French language and culture taught in a French-speaking country.
Total Credits Allowed: 6.00
Prerequisite: 300 level FREN course

FREN 376 – French Study Abroad III 3-6 credit hours
An intermediate-high or advanced level study of French language and culture taught in a French-speaking country.
Total Credits Allowed: 6.00
Prerequisite: FREN 201 or equivalent

FREN 404 – Advanced French Conversation 3 credit hours
An advanced course in French conversation designed to advance the student in oral proficiency. Contemporary cultural topics.
Prerequisite: FREN 201 or equivalent

FREN 414 – French Novel I 3 credit hours
The novel and study of its development in France (1600-1850).
Prerequisite: FREN 201

FREN 420 – French Novel II 3 credit hours
The study of the novel from 1850 to the present. (May be taken without 420.)
Prerequisite: FREN 201

FREN 460 – History of French Language 3 credit hours
A study of the development of the language since its origins and as related to the phonetic and linguistic changes throughout the different literary periods in France and the Francophone world.
Prerequisite: FREN 303 and FREN 308

FREN 470 – Seminar in French/Francophone Studies 3 credit hours
The study of literary works and cultural contexts. Topic to be selected and announced in schedule of courses. May be taken more than once.
Total Credits Allowed: 6.00
Prerequisite: FREN 201 or equivalent

FREN 475 – French Study Abroad IV 3-6 credit hours
An advanced level study of French language and culture taught in a French-speaking country.
Total Credits Allowed: 6.00
Prerequisite: 300 level FREN course

FREN 476 – French Study Abroad IV 3-6 credit hours
An advanced level study of French language and culture taught in a French-speaking country.
Total Credits Allowed: 6.00
Prerequisite: 300 level FREN course

FREN 499 – Independent Studies in French 1-3 credit hours
Independent research under the direction of a faculty member. Students are not to take this course when a class course is available.
Department Consent Required
Total Credits Allowed: 6.00

Geography (GEOG)

GEOG 101 – Physical Geography I: The Atmosphere 4 credit hours
This course is an introduction to physical geography with an emphasis on the atmosphere and vegetation of the Earth, including solar energy, seasons, the processes of weather and climate, the hydrologic cycle, regional and global climate change, ecosystem functions, and patterns of plant distribution on the physical landscape. The course also considers human impacts on the atmosphere, the oceans, and the land. Three (3) hours of lecture and two (2) hours of lab each week.
GEOG 106 – Human Geography 3 credit hours
This introductory course examines the interrelationships between humans, their different cultures, and the natural world. The focus of the course will be on the processes, both natural and cultural, that cause the spatial distribution of humans (where they are and are not) as well as their particular activities on the Earth’s surface. These processes include, but are not limited to, the geography of culture, population, language, religion, rural and urban change, plus economic, political, and social imprints.

GEOG 102 – Physical Geography II: The Lithosphere 4 credit hours
This course is an introduction to physical geography with an emphasis on the geologic framework of the earth and the various atmospheric/gradational processes which interact to produce the physical landscape. The course also considers weathering, erosional and depositional processes and the landforms produced by running water, glacial ice, wind and waves as well as to the effects of human interaction with these processes. Three (3) hours of lecture and two (2) hours of lab each week.

GEOG 104 – World Regional Geography 3 credit hours
This course is an introduction to the world’s major regions, using a systematic analysis of physical and cultural phenomena. The aim is to explore the globe: its biophysical environments, and more importantly the patterns of cultural organization that give character to place. By the end of the course, students should be able to locate almost any country in the world, and have a basic understanding of its physical and population characteristics, economic development, agriculture, environmental issues, and predominant religious, ethnic, linguistic, and political divisions.

GEOG 103 – The Dynamic Planet: Hazards in the Environment 3 credit hours
This course investigates natural hazards associated with atmospheric, hydrologic, and geologic processes and their impacts on human society. Topics include periodic natural processes that create hazards to human activity, human perceptions of natural hazards, hazard avoidance, disaster prevention, and social mechanisms for coping with natural disasters.

GEOG 100 – Map Investigation 3 credit hours
This course is designed to develop skills in the conception, design, and construction of thematic maps. Included will be a brief introduction to data acquisition and manipulation. Primarily for the geography major, cartography may be a useful course for certain others as well. Any interested student or would find a knowledge of maps useful in their careers.

GEOG 300 – Map Investigation 3 credit hours
A comprehensive introduction to map usage. Aspects to be covered will include: types of maps, map reading and interpretation, and where to acquire maps. This course is designed for students of all disciplines who are interested in maps or would find a knowledge of maps useful in their careers.

GEOG 305 – Environmental Conservation 3 credit hours
This course introduces students to a variety of real-world environmental conservation practices. Cases are examined from around the world at local, national and global scales. Topics include ecosystem services valuation, river restoration, habitat protection and removing pollutants from the environment.

GEOG 306 – Geomorphology 3 credit hours
Systematic analysis of the processes interacting on the surface of the earth which produce the variety of landforms and structures of the landscape. Emphasis is placed on the interpretation of landforms through the analysis of topographic maps and associated materials.

GEOG 309 – Climatology 3 credit hours
Topics will include: Bioclimatology, agricultural and urban climatology, climatic change and modification, and a comparative analysis of climatic classification schemes. Designed for students wishing to acquire a greater understanding of the relationships of the climate to human occupancy patterns and the natural environment.

GEOG 310 – Cartography 3 credit hours
This course is designed to develop skills in the conception, design, and construction of thematic maps. Included will be a brief introduction to data acquisition and manipulation. Primarily for the geography major, cartography may be a useful course for certain others as well. Approximately 1 hour of lecture and 5 hours of lab per week. Additional Course Fee Required.
GEOG 321 – Economic Geography 3 credit hours
The course is an examination of the geographic elements of economic activity. The course explores the classical geographic models and theories of economic behavior, the factors that influence the location of primary (raw materials), secondary (manufacturing) and tertiary (consumption) activities, and influence of globalization of the world economy locational dynamics and decision-making.
Prerequisite: GEOG 104 or GEOG 106

GEOG 322 – Urban Geography 3 credit hours
Urban Geography examines cities and metropolitan areas of the past, present, and future. Spatial structures of urban settlements in North America and elsewhere are studied both theoretically and descriptively.
Prerequisite: Junior or senior standing or permission of instructor

GEOG 323 – Political Geography 3 credit hours
Political geography looks at the spatial implications of the political process and the impact these policies and processes have on a local, regional, national, or international scale. The rights of individuals form the building blocks of a democratic society. These rights are manifested across space as decisions are made by governments at all levels on behalf of those individuals. This course examines how these decisions are played on a geographical stage through the exploration of topics such as: territoriality, voting and representation, geopolitics, international relations, and the geography of governmental systems.

GEOG 340 – Developing Nations 3 credit hours
This course investigates the causes of underdevelopment and contemporary development issues at the global, regional, national, and local levels. Emphasis is placed on the how (process) and why (explanation) of development. Other processes studied include the making of the third world, agrarian change, urbanization, industrialization, and development policy.
Prerequisite: GEOG 104 or GEOG 106

GEOG 341 – Geography of Latin America 3 credit hours
This course is an analysis of the physical and cultural geographic environment of Mexico, Central America, the West Indies and South America.
Prerequisite: GEOG 104 or GEOG 106

GEOG 345 – Geography of Europe 3 credit hours
This course is an analysis and interpretation of the physical and cultural landscapes of Europe with attention given to political and international issues.
Prerequisite: GEOG 104 or GEOG 106

GEOG 347 – Geography of Africa 3 credit hours
This course is a regional examination of the continent in respect to its physical, social, economic and political diversity.
Prerequisite: GEOG 104 or GEOG 106

GEOG 348 – Geography of Asia 3 credit hours
This course focuses on the subjects of culture area, cultural diffusion, cultural ecology, cultural integration, and cultural landscape as they apply to the geography of Asia.
Prerequisite: GEOG 104 or GEOG 106

GEOG 350 – International Tourism 3 credit hours
A spatial analysis of international tourism in both the developed and underdeveloped world. Emphasis will be placed on the evolution of international tourism, its present character, and its future. Primary consideration will be given to the environmental, cultural, economic, and social impact of tourism.
Prerequisite: GEOG 104 or permission of instructor

GEOG 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

GEOG 410 – Geographical Techniques and Thought 3 credit hours
This course is one of the culminating courses in the Geography major. It focuses on the philosophy, goals, and research of geography as a discipline. The course includes an exploration of the literature of the discipline, research methodology and practice and formalization of written and oral presentations. A portion of the course will be left open to cover areas of geography not available in other courses.
Prerequisite: Junior standing

GEOG 411 – Urban and Regional Planning 3 credit hours
A study of the structure of the urban physical setting relating to industrial, commercial, and residential land use and the factors and trends affecting their spatial relationships.

GEOG 415 – Internship 1-6 credit hours
The internship provides upper level Geography majors and minors the opportunity to work in a professional environment in which they can apply their knowledge and skills. Students must secure the permission of their academic advisor or department chair before entering into any internship.

GEOG 416 – Applications of Geographic Information Systems 3 credit hours
This is an applied course focusing on selected topic(s) in geography and their GIS application. Students will work quasi-independently throughout the semester in demonstrating their understanding of, and ability to perform the ‘GIS Process’ through objective formulation, data identification and acquisition, database creation, manipulation/analysis and presentation of findings by applying them to a real-world spatial problem.
Prerequisite: GEOG 315 or GEOG 316 or permission of instructor

Additional Course Fee Required
GEOG 417 – GIScience Principles and Concepts  4 credit hours
This is an introductory course in GIScience emphasizing the concepts, basic theory, spatial problem solving, and principles of GIScience using both raster and vector data models. It is intended as a foundational course for those who are seeking to major/minor in spatial analysis or work in the field of GIScience. Students should possess basic computer skills.
Prerequisite: Junior or senior standing or permission of instructor
Additional Course Fee Required

GEOG 418 – Working with GIScience and Spatial Analysis  3 credit hours
This is an introductory course in GIScience emphasizing a practical understanding of essential GIScience and spatial analysis functionality and how they are applied to real-world problem solving across a variety of disciplines. Students will develop a working knowledge of leading GIScience software and the associated GIScience methods to enable them to apply basic spatial analysis skills to their respective area of study. Students should have basic computer skills.
Prerequisite: Junior or senior standing or permission of instructor
Additional Course Fee Required

GEOG 419 – Remote Sensing of the Environment  3 credit hours
This course focuses on basic concepts of image formation that are required to understand any remotely sensed or satellite data. Techniques to analyze satellite data using Erdas Imagine software will be discussed and practiced. Students will learn about commonly used satellite data used for monitoring various natural resources. They will also have an opportunity to conduct a small remote sensing project.
Prerequisite: Junior or senior standing or permission of instructor
Additional Course Fee Required

GEOG 440 – Special Topics in Regional Geography  1-3 credit hours
Designed for a penetrating analysis of spatial distribution patterns of physical and cultural phenomena of selected world regions. The course will involve seminar presentations based upon library research.
Total Credits Allowed: 6.00
Prerequisite: GEOG 104 or GEOG 106 or permission of instructor

GEOG 441 – Special Topics in Human Geography  3 credit hours
Advanced, in-depth studies of various aspects of Human Geography.
Total Credits Allowed: 6.00
Prerequisite: GEOG 104 or GEOG 106

GEOG 442 – Special Topics in Physical Geography  3 credit hours
Advanced, in-depth studies of various aspects of Physical Geography.
Total Credits Allowed: 6.00
Prerequisite: GEOG 101 or GEOG 102

GEOG 443 – Special Topics in GIS, Spatial Analysis and Remote Sensing  3-4 credit hours
This course looks at a specific methodology, application area, or related geographic subfield of Geographic Information Systems (GIS), Spatial Analysis (SA) and/or Remote Sensing.
Department Consent Required
Total Credits Allowed: 4.00
Prerequisite: At least junior standing and permission of the department
Additional Course Fee Required

GEOG 445 – GIScience Principles and Concepts  4 credit hours
A guided review and critical evaluation of current research in geography which provide the student the opportunity to learn the procedures of problem identification, data gathering, data manipulation, as well as written and oral presentation of research results. Emphasis will be placed on the effective communication of geographic ideas. Students are advised to contact their Geography faculty advisor during the semester immediately preceding registration for this course.
Prerequisite: Junior standing

GEOG 456 – Field Study  1-4 credit hours
An extended field study/travel opportunity to selected regions. Depending on the region selected, students will be able to study, among other, the regional physical geography, environment and geology, cultural and historic elements, and contemporary geographic elements.
Total Credits Allowed: 4.00

GEOG 458 – Great Plains Studies  1-3 credit hours
Offers the opportunity to reflect on life through the literature and other lore of the Great Plains. Through a different subject focus each offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on prairie.
Total Credits Allowed: 3.00

GEOG 499 – Independent Study  1-3 credit hours
Independent investigation of a selected problem in geography under the direction of any Geography faculty member. Requires written report and oral presentation. Permission of department chairman required to enroll.
Total Credits Allowed: 15.00

German (GERM)

GERM 100 – Beginning German I  3 credit hours
Elementary course dealing with basic vocabulary, grammar and conversation.

GERM 101 – Beginning German II  3 credit hours
Continuation of GERM 100 on a more advanced level.
Prerequisite: GERM 100 or equivalent

GERM 175 – German Study Abroad I  3-6 credit hours
A beginning level study of German language and culture taught in a German-speaking country.
Total Credits Allowed: 6.00

GERM 176 – German Study Abroad I  3-6 credit hours
A beginning level study of German language and culture taught in a German-speaking country.
Total Credits Allowed: 6.00

GERM 200 – Intermediate German I  3 credit hours
Grammar review, reading for understanding, conversation and composition practice.
Prerequisite: GERM 101 or equivalent

GERM 201 – Intermediate German II  3 credit hours
Grammar review, reading for understanding, conversation and composition practice.
Prerequisite: GERM 101 or equivalent

GERM 205 – Culture, Conversation and Composition  3 credit hours
Conversation based on cultural and literary texts, with simple composition.
Prerequisite: GERM 200 or equivalent
GERM 275 – German Study Abroad II  3-6 credit hours
An intermediate level study of German language and culture taught in a
German speaking country.
Total Credits Allowed: 6.00
Prerequisite: GERM 101 or equivalent

GERM 276 – German Study Abroad II  3-6 credit hours
An intermediate level study of German language and culture taught in a
German speaking country.
Total Credits Allowed: 6.00
Prerequisite: GERM 101 or equivalent

GERM 301 – Novelle  3 credit hours
The development of the Novelle, important writers and their works.
Prerequisite: GERM 201 or equivalent

GERM 302 – Phonetics & History of German  3 credit hours
A theoretical and practical study of the German sound system and the
historical development of the language.
Prerequisite: GERM 200 or equivalent

GERM 304 – Advanced Composition and Conversation I  3 credit hours
Advanced course designed to take the student beyond functional abilities
of the intermediate level.
Prerequisite: GERM 201 or equivalent

GERM 305 – German Civilization  3 credit hours
German life, institutions, and ideas as a background for further study of
literature.
Prerequisite: GERM 201 or equivalent

GERM 306 – Contemporary German-Speaking Culture  3 credit hours
Study of political, social, economic and cultural life in modern German-
speaking countries.
Prerequisite: GERM 201 or instructor permission

GERM 308 – Advanced German Grammar  3 credit hours
Designed to provide students with a thorough grammar review. Extensive
practice with progressively challenging tasks will be combined with
reading and writing activities.
Prerequisite: GERM 201 or equivalent

GERM 309 – Foundations of Literacy  3 credit hours
A systematic approach to understanding different styles of texts,
including traditional literary genres such as narrative, poetry and theater,
but also news media, essays, social media, blogs, cinema, and so on.
Students will focus on the continuing development of oral fluency toward
narration / elaboration and paragraph-length discourse built around
extensive reading, and will receive specific writing tasks related to the
readings. Grammar is reviewed only on an as-needed basis.
Prerequisite: GERM 201 or equivalent

GERM 310 – Cultural History I  3 credit hours
A multi-faceted approach to German-speaking civilization, focusing on
key periods and cultural products from pre-historical times through the
18th century. The study of socio-political and intellectual developments
will be combined with the analysis representative literature and art works,
as well as film and documentaries.
Prerequisite: GERM 201 or equivalent

GERM 311 – Cultural History II  3 credit hours
A multi-faceted approach to German-speaking civilization, focusing on
key periods and cultural products from the 19th century to the
present. The study of socio-political and intellectual developments will
be combined with the analysis representative literature and art works,
as well as film and documentaries.
Prerequisite: GERM 201 or equivalent

GERM 333 – Commercial German  3 credit hours
This course focuses upon the development of German language skills and
accompanying cultural awareness that can be utilized to conduct
business with German-speaking countries.
Prerequisite: GERM 201 or instructor permission

GERM 337 – Seminar on German Film  3 credit hours
The study of German-speaking film.
Prerequisite: GERM 201

GERM 354 – Survey of German Literature  3 credit hours
Chronological survey of periods and major authors in German literature.
Prerequisite: GERM 201 or equivalent

GERM 375 – German Study Abroad III  3-6 credit hours
An intermediate high level study of German language and culture taught in a
German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: GERM 201 or equivalent

GERM 376 – German Study Abroad III  3-6 credit hours
An intermediate high level study of German language and culture taught in a
German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: GERM 201 or equivalent

GERM 414 – Advanced Composition and Conversation II  3 credit hours
Oral and written advanced level German. Intensive use of idiomatic
expressions and conversational patterns.
Prerequisite: GERM 201 or equivalent

GERM 470 – Seminar in German Studies  3 credit hours
The study of literary works and cultural contexts. Topics are selected and
announced with the schedule of courses. May be taken more than once.
Total Credits Allowed: 6.00
Prerequisite: GERM 201 or equivalent

GERM 475 – German Study Abroad IV  3-6 credit hours
An advanced level study of German language and culture taught in a
German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: 300 level German course

GERM 476 – German Study Abroad IV  3-6 credit hours
An advanced level study of German language and culture taught in a
German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: 300 level German course

GERM 499 – Independent Studies in German  1-3 credit hours
Independent research under the direction of a faculty member. Students
are not to take this course when a class course is available.
Department Consent Required
Total Credits Allowed: 6.00

Health Science (HSCI)

HSCI 103 – Seminar in Pre-Nursing  1 credit hour
This course is for entering pre-nursing students to assist them with their
academic, professional and career planning goals.
Prerequisite: Freshman or Sophomore standing
HSCI 125A – Orientation to Physical Therapy  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a physical therapist. The student spends 36-40 clock hours with a working professional physical therapist in an on-the-job setting. Students should complete BIOL 225, BIOL 226, BIOL 325, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125A.
Total Credits Allowed: 2.00

HSCI 125B – Orientation to Clinical Lab Sciences  
2 credit hours
This course is an introduction to the profession of medical technology. It includes a historical perspective of the profession, orientation to hospital/laboratory infra-structure, and a description of accrediting agencies and professional organizations. Emphases will be placed on educational requirements, personal attributes and characteristics desirable in a medical technologist, professional ethics, clinical laboratory departments, professional specialties, employment opportunities and the future of medical technology. The course requires a shadowing/observation experience in a clinical laboratory setting.

HSCI 125C – Orientation to Medicine  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a physician. The student spends 36-40 clock hours with a working professional physician in an on-the-job setting. Students should complete CHEM 160, CHEM 160L, CHEM 161, CHEM 161L, CHEM 360, CHEM 360L and two lab classes in animal or human biology prior to taking HSCI 125C.
Total Credits Allowed: 2.00

HSCI 125D – Orientation to Clinical Lab Sciences  
2 credit hours
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a pharmacist. The student spends 36-40 clock hours with a working professional pharmacist in an on-the-job setting. Students should complete BIOL 225, BIOL 226, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125D.
Total Credits Allowed: 2.00

HSCI 125E – Orientation to Pharmacy  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a pharmacist. The student spends 36-40 clock hours with a working professional pharmacist in an on-the-job setting. Students should complete CHEM 160, CHEM 160L, CHEM 161, CHEM 161L, CHEM 360, CHEM 360L and two lab classes in animal or human biology prior to taking HSCI 125E.
Total Credits Allowed: 2.00

HSCI 125F – Orientation to Radiography  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a radiographer (radiologic technologist). The student spends 36-40 clock hours with a working professional radiographer in an on-the-job setting. Students should complete BIOL 225, BIOL 226 and one lab course in chemistry or physics prior to taking HSCI 125F.
Total Credits Allowed: 2.00

HSCI 125G – Orientation to Respiratory Therapy  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a respiratory therapist. The student spends 36-40 clock hours with a working professional respiratory therapist in an on-the-job setting. Students should complete BIOL 225, BIOL 226, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125G.
Total Credits Allowed: 2.00

HSCI 125H – Orientation to Occupational Therapy  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as an occupational therapist. The student spends 36-40 clock hours with a working professional occupational therapist in an on-the-job setting. Students should complete BIOL 225, BIOL 226, PSY 203, and PSY 230 or PSY 231 prior to taking HSCI 125H.
Total Credits Allowed: 2.00

HSCI 125I – Orientation to Physician Assistant  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a physician assistant. The student spends 36-40 clock hours with a working professional physician assistant in an on-the-job setting. Students should complete BIOL 225, BIOL 226, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125I.
Total Credits Allowed: 2.00

HSCI 125J – Orientation to Dental Hygiene  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a dental hygienist. The student spends 36-40 clock hours with a working professional dental hygienist in an on-the-job setting. Students should complete BIOL 225, BIOL 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125J.
Total Credits Allowed: 2.00

HSCI 125K – Orientation to Optometry  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as an optometrist. The student spends 36-40 clock hours with a working professional optometrist in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160, CHEM 161, CHEM 161L, PHYS 205, and PHYS 205L prior to taking HSCI 125K.
Total Credits Allowed: 2.00

HSCI 125L – Orientation to Nuclear Medicine Technology  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a nuclear medicine technologist. The student spends 36-40 clock hours with a working professional nuclear medicine technologist in an on-the-job setting. Students should complete CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125L.
Total Credits Allowed: 2.00

HSCI 125M – Orientation to Chiropractic  
1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a chiropractor. The student spends 36-40 clock hours with a working professional chiropractor in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125M.
Total Credits Allowed: 2.00
HSCI 125N – Orientation to Podiatry 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a podiatrist. The student spends 36-40 clock hours with a working professional podiatrist in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125N.
Total Credits Allowed: 2.00

HSCI 125P – Orientation to Health Sciences 1 credit hour
To provide health science students with a meaningful experience in a medical setting to help the student gain a better grasp of health care professions and the responsibilities associated with those professions, as well as the practical, legal, and ethical concerns related to these professions.
Total Credits Allowed: 2.00

HSCI 130 – Opportunities in the Health Sciences 1 credit hour
A course designed to introduce students to the many diversified opportunities in the health field and the personal as well as the educational requirements for the various careers available in the health sciences.

HSCI 140 – Introduction to Public Health 3 credit hours
An introductory course concerning various topics of public health including: history, current issues and future trends; epidemiology, epideemics and data collection; biomedical basis of disease and disease prevention methods (vaccinations, diet and healthy habits); environmental issues (water, air, food and drug safety); role of government, organizations, and law in public health; emergency preparedness for health, natural disasters, and bioterrorism; health dollars and insurance; and health needs of specific populations. The topics listed will be discussed briefly so that students can become familiar with general concepts. In addition to the required text, media including, newspaper articles, television broadcasts, and journal articles (both professional and lay public) will be used to enhance our understanding of the perception of health in the general public.

HSCI 225 – Introduction to Hematology 2 credit hours
This course is designed to provide an introduction to the procedures used in the hematology and urinalysis departments of a clinical laboratory. The course will consist of a combination of classroom lectures, demonstrations, laboratory instruction and practice. Prerequisite: 8 hours of BIOL or permission of instructor
Additional Course Fee Required

HSCI 300 – Seminar in Health Sciences 1 credit hour
This course is designed to assist students in the Health Sciences with their academic, professional and career planning goals. Some topics and issues to be covered in the course include academic preparation for the health sciences, preparing for the admissions process, professionalism, confidentiality, insurance, managed care and other issues and trends in health care.
Prerequisite: Sophomore standing

HSCI 320 – Global Health 3 credit hours
This course introduces students to the main concepts of global health which includes concepts pertinent to developing nations and the health of the poor, as well as globalization of the world. Students will study the determinants of health, factors that influence the burden of disease, economics, and political influences on public health. Classical global health issues, as well as current events, will be included in the course.
Prerequisite: HSCI 140 and BIOL 110

HSCI 400 – Cultural Issues in Medicine 1 credit hour
To familiarize pre-health professionals with cultural differences in our growing diverse population through a weeklong workshop and volunteer practicum experience in an approved clinic or hospital.
Department Consent Required

HSCI 410 – Issues in Medicine 1 credit hour
To familiarize pre-health professionals with issues relating to agri-medicine and rural medical practice through a weeklong workshop and volunteer practicum experience in an approved clinic or hospital.
Department Consent Required

HSCI 430 – Special Topics in Health Sciences 1-6 credit hours
The format of this course will vary depending on the specific clinical program into which the student is accepted; the purpose of the course is to provide the student with in-depth experience in the specific health science area.
Total Credits Allowed: 6.00

HSCI 475 – Internship in Health Sciences 1-5 credit hours
This internship is designed to provide an opportunity to gain valuable on-the-job experience that will enhance the student’s understanding of the healthcare system. Internships will be student initiated but must be approved by the student’s health science advisor and the site supervisor.
Total Credits Allowed: 25.00

History (HIST)

HIST 110 – History of Science & Medicine 3 credit hours
This course surveys the social, political, economic, and cultural histories of technologies and science in the modern era. By examining the dynamic relationships between science, medicine, technology, and society, this course will provide students with a deeper understanding of how these histories intersect with other sub-specialties such as medicine and health history as well as military, foreign relations, and environmental and agricultural histories.

HIST 112 – History of Religions in the World 3 credit hours
This course introduces students to the history of the world’s religions. It surveys the origins and historical impact of several of the major religious traditions of the world and examines their core beliefs and rituals in comparative perspective. Topics include the nature of religion and varying approaches to the scholarly study of religion; the emergence of new religions; and overviews of the following religious traditions: African and Native American indigenous traditions; Hinduism; Jainism; Buddhism; Chinese Religions; Shinto; Judaism; Christianity; Islam; and Sikhism.

HIST 156 – Regional Field Study 3 credit hours
Designed to provide students with travel experiences to contribute to their understanding of the history of a particular area of the world.

HIST 176 – Democratic Debates 3 credit hours
A reading and discussion oriented class focusing on democratic development and practice from ancient origins to the modern period. Special attention will be devoted to the formulation of democratic principles and to the procedures and results of the democratic process. Efforts to reform and to expand democracy over time and place will also be highlighted.
HIST 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

HIST 210 – Western Civilization  3 credit hours
A brief survey of ancient Near Eastern civilization, history of Greek and Roman peoples, feudalism, medieval church, crusades, Renaissance and Reformation.

HIST 211 – Western Civilization  3 credit hours
The Age of Absolute Monarchy, the French Revolution and Napoleon, Age of Nationalism and the two World Wars.

HIST 212 – Non-Western World History  3 credit hours
A survey of the historical interaction of the specific civilizations which together comprise non-Western world civilization in their intellectual, political, economic, and religious aspects.

HIST 215 – Introduction to Latin America  3 credit hours
A concise review of the history of Latin America from the Aztec and Inca to contemporary affairs. Designed to introduce the student to highlights of political, social, economic, and cultural themes which have coalesced to distinguish these societies in this important part of the Third World.

HIST 250 – American History  3 credit hours
American history covering the period from 1492 to 1865.

HIST 251 – American History  3 credit hours
American history covering the period from 1865 to present.

HIST 280H – Special Topics-Honors  1-3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.
Total Credits Allowed: 3.00

HIST 290 – Special Topics  1-3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of the students.
Total Credits Allowed: 3.00

HIST 315 – American Military History  3 credit hours
A survey of American military history.

HIST 327 – World War II  3 credit hours
This course surveys the political, ideological, economic, and military causes of World War II and discusses the political and military history of the conflict.

HIST 375 – English History  3 credit hours
English history to 1660.

HIST 376 – English History  3 credit hours
English history since 1660.

HIST 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

HIST 402 – Age of Alexander the Great  3 credit hours
This course will focus on the change between the Classical Age and the Hellenistic Age. The course will cover the period from the end of the Peloponnesian war to the Jewish independence of the Maccabees. This time period is crucial to Western Civilization since we witness the collapse of the independent Greek city states and the rise of the great national monarchies.

HIST 405 – The Plains Indians  3 credit hours
This course will examine the major tribes of the Great Plains from their earliest occupation on the plains to the present day. While we will examine archaeological, anthropologic, and ethnographic materials, the emphasis will be on the historical record of the late eighteenth, nineteenth, and twentieth centuries. We will examine Indian-White relations as well as the development of Native American societies.

HIST 406 – History and Film  3 credit hours
This course will look at history through the lens of feature films produced in the United States and abroad. Particular emphasis will be placed on how historical representation and interpretation has changed with each generation of film makers. The topics of this course will vary depending on the instructor and the needs of the students.

HIST 407 – History of Sea Power  3 credit hours
This course seeks to introduce students to different themes in the history of the evolution of sea power.

HIST 408 – War and Society  3 credit hours
This course is designed to introduce students to the field of military history. Students will tackle the debate on old vs. new military history. In particular students will examine the impact of social studies or the evolution of military history. A considerable portion of the course will also be spent on examining military history in a non-western setting.

HIST 409 – The High Middle Ages 1050-1350  3 credit hours
This course examines the cultural, political, economic, and social developments of the High Middle Ages, a period of dramatic and important change in the western world, focusing on the religious reformation of the eleventh century, the twelfth-century renaissance, and the rise of towns and urban commerce, and the growth of centralized governments.

HIST 410 – Methods and Historiography  3 credit hours
An examination of the historian’s craft that considers philosophical and interpretive issues central to the discipline, major schools of interpretation, and the process of historical research and writing.

HIST 411 – Saints and Sinners  3 credit hours
This course examines social organization and cultural institutions that shaped the western world between late antiquity and the Renaissance, focusing on the interaction between major institutions, such as family and religion, and the lives of medieval women and men.
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HIST 412 – Society and Gender in the Middle Ages</td>
<td>3</td>
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<tr>
<td>This course is designed to introduce students to the ways that gender and</td>
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<tr>
<td>sexuality were defined, understood, and enacted in medieval society. The</td>
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<tr>
<td>course examines both accepted and deviant sexual behaviors as well as</td>
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<tr>
<td>notions of masculinity and femininity. Attitudes toward these ideas and</td>
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<tr>
<td>behaviors are considered within the social, political, and religious</td>
<td></td>
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<tr>
<td>contexts of the Middle Ages.</td>
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<tr>
<td>HIST 416 – History of Christianity</td>
<td>3</td>
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<tr>
<td>A broad overview of Christian history from antiquity to the present, with</td>
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<tr>
<td>special emphasis upon the complex social, economic, and political forces</td>
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<tr>
<td>which have made Christianity a global religion of incredible diversity.</td>
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<tr>
<td>Special attention will be given to Christianity in the non-Western world,</td>
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<tr>
<td>as well as the central role of women in Christian tradition.</td>
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<tr>
<td>HIST 420 – Women in Europe</td>
<td>3</td>
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<tr>
<td>A history of women in Europe from prehistoric times to the present.</td>
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<tr>
<td>HIST 421 – Women in America</td>
<td>3</td>
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<tr>
<td>A history of women in America from the colonial period to the present.</td>
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<tr>
<td>HIST 422 – Nazi Germany</td>
<td>3</td>
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<tr>
<td>This is an upper level course that focuses on the history of Nazi Germany</td>
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<tr>
<td>and the Holocaust from 1919 to 1945. It is designed to give students a</td>
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<tr>
<td>more in-depth understanding of the events those years and to show how</td>
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<tr>
<td>the events that took place in Europe between 1933 and 1945 not only led</td>
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<tr>
<td>to the most destructive war of the twentieth century, but led to the worst</td>
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<tr>
<td>atrocity in recorded history - the Holocaust.</td>
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<tr>
<td>HIST 429 – Religion in America</td>
<td>3</td>
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<tr>
<td>A historical introduction to the various religious communities of the</td>
<td></td>
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<tr>
<td>United States from Pre-Columbian times to the present. The course gives</td>
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<tr>
<td>special attention to religious influences upon social and political</td>
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<tr>
<td>institutions, changing patterns of church-state relations, and the</td>
<td></td>
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<tr>
<td>challenges posed by religious pluralism throughout American history.</td>
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<tr>
<td>HIST 431 – Colonial America 1492-1750</td>
<td>3</td>
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<tr>
<td>Examines the development of Colonial British America from the first</td>
<td></td>
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<tr>
<td>English explorers to the French and Indian War.</td>
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<tr>
<td>HIST 432 – Revolutionary America, 1750-1800</td>
<td>3</td>
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<tr>
<td>Examines the American Revolution from its origins through its</td>
<td></td>
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<tr>
<td>culmination in the adoption and implementation of the Constitution.</td>
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<tr>
<td>HIST 433 – The National Period, 1800-1850</td>
<td>3</td>
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<tr>
<td>Explores the expansion and development of the American nation from the</td>
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<tr>
<td>Louisiana Purchase through the Mexican-American War.</td>
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<tr>
<td>HIST 439 – Pre-Hispanic and Colonial Latin America</td>
<td>3</td>
</tr>
<tr>
<td>Political, social, economic, and cultural dynamics of Amerindian</td>
<td></td>
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<tr>
<td>civilizations and colonial Latin America up to independence.</td>
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<tr>
<td>HIST 441 – Modern Latin America</td>
<td>3</td>
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<tr>
<td>Examination of political, cultural, social, and economic dynamics of Latin</td>
<td></td>
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<tr>
<td>American nations and region from independence to present.</td>
<td></td>
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<tr>
<td>HIST 445 – The Civil War and Reconstruction</td>
<td>3</td>
</tr>
<tr>
<td>Causes leading to the Civil War, the war itself, and the attempt to</td>
<td></td>
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<tr>
<td>reunify the social, economic, and political framework of America.</td>
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<tr>
<td>HIST 450 – Variable Topics in Latin American History</td>
<td>3</td>
</tr>
<tr>
<td>In-depth study of a country or region in Latin American or an in-depth</td>
<td></td>
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<tr>
<td>analysis of a specific topic of historical or contemporary importance in</td>
<td></td>
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<tr>
<td>understanding Latin American history and culture.</td>
<td></td>
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<tr>
<td>HIST 451 – Comparative Colonialism: Asia and Africa</td>
<td>3</td>
</tr>
<tr>
<td>This course will analyze the primary social, cultural, and political</td>
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<tr>
<td>forces that helped create and sustain the vast colonial empires in Asia and</td>
<td></td>
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<tr>
<td>Africa.</td>
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<tr>
<td>HIST 452 – Colonial India</td>
<td>3</td>
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<tr>
<td>This course will examine the major social, cultural and political forces</td>
<td></td>
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<tr>
<td>that helped create colonial India.</td>
<td></td>
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<tr>
<td>HIST 453 – Modern India</td>
<td>3</td>
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<tr>
<td>This course aims to introduce students to the complex cultural, political</td>
<td></td>
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<tr>
<td>and economic factors that created the 'nation' of India as it is known</td>
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<tr>
<td>today. The course begins in 1947 when India gained independence from</td>
<td></td>
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<tr>
<td>Britain. It will examine in detail the major issues that have helped</td>
<td></td>
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<tr>
<td>mold the history of contemporary India.</td>
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<tr>
<td>HIST 455 – Comparative Studies in Ethnic Conflict</td>
<td>3</td>
</tr>
<tr>
<td>This course is designed to engage students in an intense study of theories</td>
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<tr>
<td>of ethnic conflict. Students will also be involved in a comparative</td>
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<tr>
<td>study of the militarization of ethnic conflict in various regions of the</td>
<td></td>
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<tr>
<td>world.</td>
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<tr>
<td>HIST 456 – Regional Field Study</td>
<td>1-4</td>
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<tr>
<td>Designed to provide students with travel experiences to contribute to their</td>
<td></td>
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<tr>
<td>understanding of the history of a particular area of the world.</td>
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<td>Total Credits Allowed: 4.00</td>
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<tr>
<td>HIST 457 – British Empire</td>
<td>3</td>
</tr>
<tr>
<td>The rise and expansion of the British Empire from its earliest beginnings</td>
<td></td>
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<tr>
<td>to the present.</td>
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<td>HIST 458 – Great Plains Studies</td>
<td>1-3</td>
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<tr>
<td>Offers the opportunity to reflect on life through the literature and other</td>
<td></td>
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<tr>
<td>lore of the Great Plains. Through a different subject focus each offering,</td>
<td></td>
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<tr>
<td>the course integrates literary, historical, and paleontological</td>
<td></td>
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<tr>
<td>investigations around issues affecting the plains, with a special focus on</td>
<td></td>
</tr>
<tr>
<td>prairie.</td>
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<td>Total Credits Allowed: 3.00</td>
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<tr>
<td>HIST 459 – European Expansion and Exploration</td>
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<tr>
<td>The motivations for European expansion and exploration overseas from</td>
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<tr>
<td>1300 until 1800 and the impact that European contact with the rest of the</td>
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<td>world had upon the societies of the Americas, Africa, Asia, and Europe.</td>
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<tr>
<td>HIST 461 – Renaissance and Reformation</td>
<td>3</td>
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<tr>
<td>The political, economic, religious and social development of Europe from</td>
<td></td>
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<tr>
<td>the Crusades through the era of the European Reformation.</td>
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<tr>
<td>HIST 462 – Seventeenth and Eighteenth Century Europe</td>
<td>3</td>
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<tr>
<td>History of Europe from the Thirty Years' War to the French Revolution with</td>
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<tr>
<td>special emphasis on the Enlightenment.</td>
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<tr>
<td>HIST 463 – French Revolution and Napoleon</td>
<td>3</td>
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<tr>
<td>The causes of the French Revolution and the political, social, and</td>
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<tr>
<td>intellectual impact of the Revolution upon western Europe.</td>
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<tr>
<td>HIST 464 – Introduction to Public History</td>
<td>3</td>
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<tr>
<td>This course will introduce students to the history, theory, and practice</td>
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<td>of public history. Public history is a catchall phrase for the ways that</td>
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<td>people produce, consume, and disseminate historical knowledge outside the</td>
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<td>classroom. This includes how both scholars and the general public process</td>
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<td>and transmit history, apply history to real-life situations, and seek to</td>
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<td>preserve historic resources. Students will develop an understanding of</td>
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<td>non-academic forms of historical knowledge while being exposed to some of</td>
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<tr>
<td>the field's many disciplines, including museums, archives, and</td>
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<td>historic preservation.</td>
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**Total Credits Allowed:** 3.00
HIST 465 – Community History & Preservation  3 credit hours
Students in this class will learn the basics of conducting public history projects in small communities. To do this they will develop an understanding of the concept of "community," particularly as it relates to the formation of collective identities grounded in a real or imagined past. Although topics and projects vary by semester, students will come away from this class with a better understanding of how communities create, transmit, and contest historical knowledge as well as imprint it on the physical landscape. This class includes a community-based project with preservation and/or conservation components.

HIST 466 – Museums & Archives  3 credit hours
Museums / Archives Museums and archives hold special places in contemporary society, as they are charged with protecting and preserving historical resources that contribute to understanding of local, state, and national pasts. This class includes three components. Students will develop knowledge of the history of museums and archives in the United States, coming to understand them not as static institutions but as dynamic social constructs that reflect the values and worldviews of their creators. The second portion will introduce students to key functions of museums and archives, including collections management, fundraising, and organizational structures. Finally, the course will include guidance on professional development.

HIST 468 – Digital History  3 credit hours
This course explores the use of digital tools and sources in historical research and the sharing of historical information with public and scholarly audiences.

HIST 471 – History of the Pacific Rim  3 credit hours
This course will examine the development of Pacific Rim nations from 1500 to the present. While the entire region will be studied, the emphasis will be on the cultural, political, and economic relations between the United States, Japan, China, and Russia as well as the colonizing powers of Spain, France, and Great Britain.

HIST 473 – American Constitutional History I  3 credit hours
Constitutional history of the United States to 1860.

HIST 474 – American Constitutional History II  3 credit hours
Continuation of History 473. Period covered is from 1860 to the present.

HIST 475 – Internship in History  1-9 credit hours
This course emphasizes the professional development of the student in the area of the student's professional interest. Grade will be recorded as credit/no credit.
Total Credits Allowed: 9.00

HIST 476 – Applied Digital History  3 credit hours
Students in this course will collaborate on the creation of a digital history project for public and scholarly audiences. The focus of the course will be on the applied use of specific digital tools.

HIST 477 – American Thought and Culture, 1620-1865  3 credit hours
Examines the origins and development of American social, political, and religious ideas through the Civil War.

HIST 478 – American Thought and Culture, 1865-1900  3 credit hours
Examines the origins and development of American social, political, and religious ideas after the Civil War.

HIST 479 – Nebraska and the Great Plains History  3 credit hours
This course will emphasize the natural environment of the plains, human attempts to settle and utilize the region's resources, and the role of Nebraska and the Great Plains in United States History. Recommended for elementary teachers.

HIST 480 – The United States: 1898-1941  3 credit hours
This course will explore the commonalities and divergences between fascism, communism, and nationalism and their twentieth century manifestations. After investigating the intellectual roots, social bases and key elements of these ideologies, we will examine their concrete manifestations in Europe, including Hitler's Germany, Soviet communism under Stalin, and postwar Yugoslavia.

HIST 481 – North American Frontiers, 1500-1850  3 credit hours
This course will examine the process of European frontier expansion from the 1500s to the point at which the new nations of North America had basically developed both the geographic boundaries and political structures that essentially ended territorial expansion on this continent. We will examine not only the United States' frontier, but also those of Spain, Mexico, France, Britain, and Russia in North America, providing a chance for students to compare various aspects of the frontier in different regions under different authorities. Major themes in the course will stress the interaction between Whites and Indians, as well as European efforts to utilize the continent's natural resources.

HIST 482 – The American West, 1850-Present  3 credit hours
This course will examine the development of the western United States. After a very short review of western settlement prior to 1850s, the course will examine the tremendous development that occurred in the West in the later half of the 19th and first half of the 20th centuries. The course will then examine the changes in the West that were brought about by the New Deal and World War II, and finish by looking at the particular problems that face the West since 1945. Major emphasis will be given to ethnic interaction in the West, resource exploitation/development, and the emergence in the West of new industries.

HIST 483 – The Gilded Age 1870-1898  3 credit hours
An analysis of the transformation of an agrarian America into an urban-industrial society, 1870-1898.

HIST 484 – The United States: 1898-1941  3 credit hours
The rise of America as a world power and the problems of reform and industrial expansion in early twentieth century America.

HIST 485 – The United States Since 1941  3 credit hours
A detailed study of some of the more important aspects of the history of the period.

HIST 486 – Imperial Russia  3 credit hours
A general survey of the political, social, economic, diplomatic, and cultural developments of Russian civilization from 800 A.D. to 1917.

HIST 487 – Twentieth Century Europe  3 credit hours
The period from the French Revolution and Napoleon to World War I.

HIST 488 – Nineteenth Century Europe  3 credit hours
The period from the French Revolution and Napoleon to World War I.

HIST 489 – Fascism and Communism in Twentieth Century Europe  3 credit hours
This course will explore the process of European frontier expansion from the 1500s to the point at which the new nations of North America had basically developed both the geographic boundaries and political structures that essentially ended territorial expansion on this continent. We will examine not only the United States' frontier, but also those of Spain, Mexico, France, Britain, and Russia in North America, providing a chance for students to compare various aspects of the frontier in different regions under different authorities. Major themes in the course will stress the interaction between Whites and Indians, as well as European efforts to utilize the continent's natural resources.

HIST 490 – Twentieth Century Europe  3 credit hours
Cultural and political aspects of the history of Europe since World War I.

HIST 491 – Soviet Russia  3 credit hours
The 1917 revolution and the development of the Soviet state with an emphasis on domestic policies.

HIST 492 – Modern Eastern Europe  3 credit hours
While we will survey the nineteenth century, the thrust of the course will be on the post World War I period. Here issues such as nationalism, big power rivalry, modernization, the peasantry, the political left and the extreme right will be closely examined for the period up to World War II. Then World War II with the crucial postwar period of Sovietization will be covered. Finally, we will consider the Revolutions of 1989 and their aftermath.
HIST 495 – Topical Studies 3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of the students.
Total Credits Allowed: 15.00

HIST 496 – Senior Seminar in History: Variable Topics 3 credit hours
The purpose of this course is to allow students to explore a selected topic in depth. Topics will be selected in accordance with the research expertise of the instructor. Students will spend the first seven weeks of the course reading secondary literature on the topic. In the final eight weeks, students will design, research, and write a twenty-page original research paper. They will present their work, in oral and written form, to the seminar.
Total Credits Allowed: 9.00

HIST 499 – Independent Study 1-4 credit hours
Independent readings in history for the advanced undergraduate. Readings to be selected and directed by a history faculty member. Students wishing to take this course must obtain written approval in advance from the department chair.
Total Credits Allowed: 9.00

Humanities (HUM)

HUM 100 – Introduction to Humanities 3 credit hours
Explore the Western tradition of humanities and the arts and learn about important art works from the Classical era to the present - artists, authors, composers, sculptors, etc. Gain knowledge about the elements and critical judgments associated with the various disciplines. Develop cultural literacy and examine how important questions about life are expressed through the humanities.

HUM 280H – Special Topics-Honors 3 credit hours

HUM 300 – Great Works in the Humanities 3 credit hours
Explore the humanities as a world of stories, ideas and images by seeing how great works (literary, visual, musical) are created and interpreted. Discover major works in Western humanities and arts to gain an understanding of how they change individuals and societies. Contrast various schools of interpretation in the humanities and arts.

Industrial Technology (ITEC)

ITEC 110 – Introduction to Technology 1 credit hour
Students will be introduced to career opportunities, and encouraged to explore career options. Once students are familiar with various degree programs they will develop long range plans for achieving their career goal(s).

ITEC 114 – Introduction to Industrial Distribution 2 credit hours
Definition, history, types of, range of products, lines of distribution, function of manufacturers, distributors, operations, measures of effectiveness, employment and advancement opportunities.

ITEC 116 – Introduction to Construction Management 3 credit hours
An introduction to the construction industry; and overview of the construction industry sectors and the industry’s impact on the economy; and a brief overview of the construction process. The course will preview the construction management degree curriculum with an overview of policies, procedures and resources of the Industrial Technology Department on the University of Nebraska at Kearney campus.

ITEC 120 – Interpretation of Technical Documents 3 credit hours
This course is designed as a beginning college level introduction to the comprehension and use of design graphics in 2-dimensional form for the purpose of solving technical problems related to the industries of construction, industrial distribution, aviation, and information networking. Additional Course Fee Required

ITEC 122 – Architectural Drafting & Design 3 credit hours
This course is designed to meet the needs of the Family and Consumer Science major with an emphasis in Interior Design. Specific methods applicable to the major’s degree program and an introduction to computer aided drafting and design are included.

ITEC 130 – Technology Today 3 credit hours
This course presents a conceptional approach to computer aided communication systems typically applied in industrial environments. Emphasis will be placed on utilizing computer technology to integrate text and graphics in the preparation of documents and presentation materials.

ITEC 170 – Private Pilot Theory 3 credit hours
This course serves as a preparation for the FAA Private Pilot written exam which may be taken upon successful completion of this course. The course includes instruction in FAA regulations, weather, air and radio navigation, flight safety and emergency procedures necessary for successful completion of the FAA exam.

ITEC 171 – Introduction to Flight 1 credit hour
This course is the student’s first exposure to flight operations. The fundamental flight skills and the sensations associated with completing these skills will be demonstrated. Basic aviation terms and nomenclature will be introduced.
Additional Course Fee Required

ITEC 172 – Professional Flight 1 1 credit hour
This course provides the student with an introduction to the aeronautical experiences required to effectively pursue careers in aviation. In this course the student will become familiar with the training airplane through dual instruction and solo practice and will learn how the airplane controls are used to establish and maintain specific flight attitudes. The student will also learn to plan and conduct cross-country flights using pilotage, dead reckoning, and radio navigation. Prerequisite: ITEC 171 or permission

ITEC 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ITEC 205 – Virtual Design & Construction 3 credit hours
This is a beginning design course to develop a working knowledge of computer aided design and drafting (CADD) skills, design thinking process and principles, while teaching 3D Design CADD software skills. Prerequisite: ITEC 110 and ITEC 120
Additional Course Fee Required
ITEC 210 – Society and Technology  3 credit hours
The course will introduce students to the impact that technology has had on society, the economy and politics. Historical development of technology will be developed in an effort to provide information on the importance of technology.

ITEC 212 – Construction Estimating I  3 credit hours
Estimating fundamental, concepts, and strategies used in the process of construction cost estimating. Quantity take off, unit pricing, estimate development, drawing and interpretation, resource pricing, and bidding procedures. Computer applications are introduced
Prerequisite: ITEC 240
Additional Course Fee Required

ITEC 220 – Electricity/Electronics  3 credit hours
This course will provide an overview of the fundamentals of electricity/electronics. This is a foundation course for students entering the field of Industrial Technology and will provide the necessary working knowledge required for automation systems, telecommunications, residential/commercial wiring, and computer based electronics.
Additional Course Fee Required

ITEC 225 – The Influence of Technology on Democracy  3 credit hours
Students in this course will examine technology in the areas of telecommunications, construction, distribution, public safety and its impact and influence upon a democratic society. Varied technologies create complex situations that impact the processes and ideals of democracy. Advances in technology have created future benefits as well as consequences relative to the ideas afforded and provided by a democracy. Various forms of democracies will be examined to see how each adapts to incursion or open implementation of various technologies. Are the leaders of tomorrow, our current students, prepared to address the technological challenges of the future?

ITEC 230 – Statics and Strength of Materials  3 credit hours
This course is an introductory exposure to the engineering principles relative to static design and their application to primary construction materials and structures. Through problem solving and application, students will develop an appreciation for the vital importance of engineering to the stability and resulting safety of structures.
Additional Course Fee Required

ITEC 240 – Construction Materials & Methods  3 credit hours
This course will explore the design and construction methods of light commercial/residential structures. The construction industry is constantly changing as new materials, technologies, and processes evolve. These concepts will be presented and applied in the class. The fundamentals of these construction methods and techniques will be reinforced with various lab activities, e.g. concrete, framing, and roofing.
Prerequisite: ITEC 120 or IPD 210
Additional Course Fee Required

ITEC 250 – Construction Surveying  3 credit hours
Methods and equipment utilization in layout and control of building projects and construction site development. Includes horizontal and vertical control methods using manual and electronic surveying equipment (Theodolite).
Prerequisite: MATH 103
Additional Course Fee Required

ITEC 251 – Machine Tool Products and Applications  3 credit hours
A study of modern manufacturing based on the production of parts and assemblies by means of various processes and methods.
Prerequisite: ITEC 114

ITEC 271 – Industrial Products & Applications I  3 credit hours
This course is designed to provide specific product knowledge and applications skills required of today's electrical and electronic component sales professionals.
Prerequisite: ITEC 114 and completion of General Studies Foundational Core Math class.

ITEC 272 – Industrial Products & Applications II  3 credit hours
This course is designed to provide specific product knowledge and applications skills required of today's industrial sales professional. It includes (1) power transmission devices, (2) pipes, valves, and fittings, and, (3) hydraulics and pneumatics. Related topics such as maintenance and lubricants are included. New technologies are included in the course as they become available.
Prerequisite: ITEC 271

ITEC 280H – Special Topics  1 credit hour

ITEC 283 – Fluid Power  3 credit hours
The course is designed to cover the nature of fluids and gas under pressure, the transmission of power by fluid and gas, the design of hydraulic and pneumatic systems and automatic control of these systems.
Prerequisite: MATH 102

ITEC 290 – Communicating Through Technology  3 credit hours
Utilizing traditional, computer, and internet presentation technology, the course will address how to communicate effectively utilizing verbal and nonverbal communication techniques. Evaluating, listening, presenting, body language, and technology based presentation programs are a few of the main topics.

ITEC 291 – Instrument Pilot Theory  3 credit hours
This course serves as a preparation for the FAA Instrument Pilot written exam which may be taken upon successful completion of the course. The course includes instruction in all areas required by 14 CFR Part 61.65(b).
Prerequisite: ITEC 110 and ITEC 171 or permission

ITEC 292 – Professional Flight 2  1 credit hour
This course provides the student with the VFR cross-country aeronautical experience to prepare him or her for the next phase of their professional training, the instrument rating.
Prerequisite: ITEC 172 or permission
Additional Course Fee Required

ITEC 308 – Industrial Management  3 credit hours
Designed to present specific functions, resources, techniques and responsibilities associated with the various phases of industrial management.

ITEC 312 – Construction Estimating II  3 credit hours
Designed to meet the individual needs of students requiring additional specialization in the construction field of study with emphasis in computer and manual estimating.
Prerequisite: ITEC 130 and ITEC 240 and ITEC 212
Additional Course Fee Required
ITEC 320 – Applied Electronics 3 credit hours
The course will deal with analog and digital circuitry and their various applications in electronics. Computer and industry control circuits will be incorporated.
Prerequisite: ITEC 110 and ITEC 220
Additional Course Fee Required

ITEC 341 – Mechanical and Electrical Systems 3 credit hours
The course will include the basic construction practices included in all phases of the industry dealing with the electro and mechanical systems of structures. Specifically electrical systems, heating systems, cooling systems, and plumbing systems.
Prerequisite: ITEC 240
Additional Course Fee Required

ITEC 353 – Industrial Distribution Branch Operations 3 credit hours
A study of the basic functions of an industrial distributor, how to manage each area of branch operations for a single or multi-level branch organization, account planning, and the management of territories, sales cycles, and sales teams.

ITEC 360 – Building Codes and Inspections 3 credit hours
This course will provide the student with a working understanding of the elements associated with all phases of completing a structure in compliance with current building codes. Topics included are permitting, occupancy permits, trades, inspections, and the role of the general contractor in insuring codes are observed. The experiences will be gained through a classroom and on-site environment.
Prerequisite: ITEC 240
Additional Course Fee Required

ITEC 370 – Construction Scheduling 3 credit hours
Students will be exposed to the area of construction scheduling and the importance of this area to the successful completion of a project. This course emphasizes professional application grounded in accepted theory and techniques.
Prerequisite: ITEC 212
Additional Course Fee Required

ITEC 375 – Commercial Pilot Theory 3 credit hours
This course serves as a preparation for the FAA Commercial Pilot knowledge exam which may be taken upon successful completion of this course. The course includes instruction in FAA regulations, weather, air and radio navigation, flight safety and emergency procedures necessary for successful completion of the FAA exam. In addition, specific information regarding the privileges and limitations on the holder of the Commercial Pilot Certificate are discussed in detail.
Prerequisite: ITEC 171 or permission

ITEC 376 – Professional Flight 4 2 credit hours
This course provides the student with the aeronautical experiences required to obtain the FAA Commercial Pilot Certificate.
Prerequisite: ITEC 172 or permission
Additional Course Fee Required

ITEC 377 – Professional Flight 5 2 credit hours
This course provides the student with the aeronautical experiences required to add the FAA Multi-Engine rating to an existing Pilot Certificate.
Prerequisite: ITEC 172 or permission
Additional Course Fee Required

ITEC 378 – Professional Flight 6 2 credit hours
This course provides the student with the aeronautical experiences required to qualify for the FAA Flight Instructor Certificate.
Prerequisite: ITEC 376 or permission

ITEC 379 – Professional Flight 7 2 credit hours
This course provides the student with the aeronautical experiences required to qualify for the FAA Instrument Flight Instructor Certificate.
Prerequisite: ITEC 378 or permission

ITEC 380 – Professional Flight 8 2 credit hours
This course provides the student with the aeronautical experiences required to qualify for the FAA Multi-Engine Flight Instructor Certificate.
Prerequisite: ITEC 376 and ITEC 377 or permission

ITEC 383 – Mechanical Power 3 credit hours
This course is specifically designed to provide extensive study and understanding of the power transmission and motion control industry. In addition, the course is holistically designed to integrate the extensive technical studies with current manufacturing, management, sales, and industry news and events.
Prerequisite: MATH 102

ITEC 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

ITEC 391 – Aviation Law 3 credit hours
This course covers the interpretation and application of the statues, related acts, and federal regulations, and common law aviation issues.

ITEC 392 – Aviation Airport Management 3 credit hours
This course is primarily directed toward the planning and complete development of an airport including the economic, social, political, and operation requirements. Federal Aviation Regulations as well as Environmental Protection Act requirements are addressed.

ITEC 393 – Aviation Safety 3 credit hours
The primary goal of this course is to thoroughly indoctrinate the student pilot with safety consciousness including awareness of physical limitations, effects of flight on the human body, severe weather, and in flight emergencies. Although advanced placement is not mandatory, beginning college students are not encouraged to enroll.

ITEC 394 – Air Traffic Control 3 credit hours
This course is a survey of the National Airspace System, air traffic control procedures, the control environment and the airport environment. The content of this course includes instruction on: 1. The role of the air traffic control in commercial aviation; 2. The procedures and tools used by the air traffic controller; and 3. How these tools and procedures can be utilized by the pilot in the airspace of the United States.

ITEC 398 – Advanced Virtual Design and Construction 3 credit hours
This course is an introduction to Building Information Modeling (BIM) and Virtual Design & Construction (VDC), and how the process is transforming the design, construction, management, operation, and maintenance of buildings. Through a series of lectures, discussion of case studies, and hands-on demonstrations of software, students will explore topics including BIM principles, concepts, and tools, and the business case for BIM.
Prerequisite: ITEC 212 and ITEC 205
Additional Course Fee Required
ITEC 399 – Independent Study 1-3 credit hours
Permission of the instructor is required. The course provides independent investigation of problems in Industrial Technology. Topics to be researched may be tailored to meet the needs of the student. Individual research, under the direct supervision of a faculty member of the department, will utilize problem-solving applications.
Department Consent Required
Total Credits Allowed: 3.00

ITEC 408 – Leadership in Business and Technology 3 credit hours
This course will present information and provide skills needed by managers who will be required to cope with an ever-increasing rate of change. Creative long range planning coupled with the ability to lead people will be of utmost importance. Leadership styles will be studied by review of characteristics of successful leaders past and present.

ITEC 416 – Advanced Aerodynamics/Aircraft Performance 3 credit hours
This course is designed to develop a sound understanding of the concepts of aerodynamics relevant to flight, and the impact of the natural environment upon the performance of modern aircraft.
Prerequisite: PHYS 205 and PHYS 205L or permission

ITEC 417 – Advanced Aircraft Systems 3 credit hours
This course will acquaint the student with various aircraft types and sophisticated aircraft systems, as well as pilot requirements and responsibilities within these systems.
Prerequisite: ITEC 220 or permission

ITEC 420 – Individual Problems in Computer-Aided Drafting Technology 3 credit hours
Designed to meet the individual needs of the student who desires additional specialization in the computer aided drafting and design area.
Prerequisite: ITEC 205

ITEC 445 – Human Factors & Productivity 3 credit hours
Students will be exposed to the influence that human factors have on productivity on a construction site. The importance of understanding and effective management will be studied and how this can improve the budget, quality, and time objectives of a project. This course emphasizes strategy development and practical application grounded in accepted theory and techniques.
Prerequisite: ITEC 475 and senior standing

ITEC 451 – Manufacturing/Distribution Relationships 3 credit hours
The study of the design and development of products and services emphasizing the quantitative aspects and the interlocking factors affecting human performance and the utilization of facilities, machines, and materials. A working corporate structure will be established to research, develop, produce, and market produce.
Prerequisite: ITEC 251 and ITEC 475

ITEC 453 – Purchasing for Wholesale Distribution 3 credit hours
A study of purchasing fundamentals performed by personnel who have the responsibility for procurement of materials, equipment, and/or services in a wholesale distribution environment.

ITEC 458 – Materials: Structure, Properties, and Processing 3 credit hours
This course is designed to help students become familiar with industrial materials, including metals, ceramics, polymers, and composites. Successful students will understand the atomic structure and microstructure of materials, how fabrication and processing conditions influence this structure, and the mechanical properties of the resulting materials.
Prerequisite: ITEC 272

ITEC 475 – Internship 3-12 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning situation is organized and supervised cooperatively by the Department internship coordinator. Work experience must involve management training and supervisory responsibilities. Students are to contact their program coordinator prior to registering for this course.
Total Credits Allowed: 12.00
Prerequisite: ITEC 308 and GPA of 2.5 and junior standing

ITEC 482 – Digital Electronics 3 credit hours
Study of basic digital logic circuitry, computer languages, binary math, Boolean algebra, industrial control systems and current integrated circuitry technology will be included. Digital logic training systems of various manufacturers will be available for experimental work.
Prerequisite: ITEC 220 or PHYS 206 and PHYS 206L

ITEC 485 – Information Networking Seminar 3 credit hours
A review of the information networking and telecommunications industry of today. Students will be required to research various current information networking and telecommunications issues and be prepared for discussion.
Prerequisite: ITEC 390 and Senior standing

ITEC 490 – Industrial Distribution Seminar 3 credit hours
A review of industrial distribution today as it relates to management and sales of industrial products and services.
Prerequisite: ITEC 475

ITEC 494 – Special Topics in Industrial Distribution 3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.

ITEC 495 – Special Topics in Construction Management 3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.

ITEC 496 – Special Topics in Information Networking 3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.
Total Credits Allowed: 6.00

ITEC 497 – Special Topics in Aviation 3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.
Total Credits Allowed: 6.00

ITEC 498 – Seminar in Construction Management 3 credit hours
Students will be exposed to the real estate development process and the integral role of project management in meeting the goals of a successful real estate project. The emphasis of the course will be on application of project management tools and techniques utilized from pre-construction to close-out. Timely execution of quality work and effective written communication will be emphasized.
Prerequisite: ITEC 370 and ITEC 475 and Senior standing
Additional Course Fee Required

ITEC 499 – Independent Study and Research in Industrial Technology 1-6 credit hours
Concentrated work in specialized areas of industrial technology.
Total Credits Allowed: 6.00
Interior and Product Design (IPD)

IPD 109 – Introduction to Design  3 credit hours
An introduction to the field of design with an emphasis on design thinking and problem solving. Additional Course Fee Required

IPD 120 – Foundation Studio I  3 credit hours
Introduces foundational methods for organizing abstract relationships in both 2D and 3D contexts. Corequisite: IPD 125.

IPD 125 – Design Drawing  3 credit hours
An introduction to perceptual drawing and visual thinking. Corequisite: IPD 120.

IPD 206 – Foundation Studio II  3 credit hours
Advanced foundational methods for organizing abstract relationships in both 2D and 3D contexts. Prerequisite: IPD 120. Corequisite: IPD 260.

IPD 207 – History of Design I  3 credit hours
A survey of design as it pertains to architecture, interiors, furniture, and product from antiquity through 1900. In addition; a contextualization via seminal theory and modern application. Prerequisite: IPD 120.

IPD 209 – History of Design II  3 credit hours
A survey of design as it pertains to architecture, interiors, furniture, and product from 1900 to present. In addition; to a contextualization via theory and modern application. Prerequisite: IPD 207.

IPD 210 – Design Studio I  3 credit hours
Introduction to the design process with an emphasis on design problem-solving and the application of design principles to interior environments and products. Prerequisite: IPD 260. Additional Course Fee Required

IPD 260 – Foundation Technology for Design  3 credit hours
Foundational design visualization and fabrication technologies and processes. Prerequisite: IPD 120 and IPD 125. Corequisite: IPD 206. Additional Course Fee Required

IPD 265 – Design Technology I  3 credit hours
Intermediate design visualization and fabrication technologies relevant to design problem solving. Prerequisite: IPD 206 and IPD 260. Corequisite: IPD 210. Additional Course Fee Required

IPD 275 – Interior Staging & Trends  1-3 credit hours
Aspects of interior decoration as it pertains to the homeowner, real-estate industry, and interior design student. This course will discuss the placement of furnishings, how to create a focal point, decorating suggestions, using the items that you already own and other basic information needed to properly stage a home for sale.

IPD 305 – Residential Kitchen and Bath Design  3 credit hours
The study and application of the National Kitchen and Bath Association’s Guidelines of Planning Standards and Safety Criteria for residential kitchens and bathrooms including Universal Design concepts. Includes the study and selection of kitchen and bath materials, equipment, and cabinetry. Computer aided Kitchen and Bath design software is introduced. Prerequisite: IPD 206 and IPD 260.

IPD 306 – Lighting in Interior and Product Design  3 credit hours
The study of the theory and application of electric light sources in interior and product design. Includes a study of light and color theories, and the selection, evaluation, and design of lighting solutions. Prerequisite: IPD 210 and IPD 265.

IPD 307 – Furniture, Finishes, Materials and Components of Interior Architecture  3 credit hours
Study of selection, care, and use of furniture, finishes, materials, and components of residential and contract interior architecture to solve design problems. Includes environmental, economic, and universal design concerns, testing standards, and cost estimating. Computer spreadsheet software is used. Prerequisite: IPD 206 and IPD 260.

IPD 308 – Comparative Studies in Housing and Families  3 credit hours
Housing requirements of today’s families, housing laws, the housing industry and home ownership.

IPD 310 – Design Studio II  3 credit hours

IPD 312 – Housing Interiors for Special Needs Populations  1-3 credit hours
Principles and elements of interior design as it applies to special needs populations with emphasis on the elderly, handicapped and ADA regulations. Prerequisite: IPD 305.

IPD 313 – Renovation and Restoration of Interiors  3 credit hours
Principles and elements of design for renovation of existing residential structures for better utilization of existing space and/or plan for additional space based on requirements of restoration and preservation of furnishings of historically significant interiors. Prerequisite: ITEC 122.

IPD 318 – Design Studio III  3 credit hours
Application of design problem-solving in a global context in order to understand the role of design as it examines culture and universality within large problems. Prerequisite: IPD 310.

IPD 320 – Design Technology II  3 credit hours
Advanced design visualization and fabrication technologies relevant to design problem solving. Prerequisite: IPD 210 and IPD 265. Corequisite: IPD 310. Additional Course Fee Required

IPD 325 – Design Technology Applications  3 credit hours
Application of design visualization and fabrication techniques through research, design, prototype construction, evaluation, and redesign. Prerequisite: IPD 310 and IPD 320. Corequisite: IPD 318.
INTS 90 – English Language Institute  
1 credit hour

Independent study of topics in Interior and Product Design to meet the needs of the student. For majors only.

Department Consent Required

Total Credits Allowed: 1.00

IPD 399 – Individual Studies in Interior and Product Design  
1-3 credit hours

Self-directed design thesis project based on research and review. The student will develop unique and applicable design solutions with clear research methodology and theoretical groundings.

Prerequisite: IPD 318

Additional Course Fee Required

IPD 403 – Design Studio IV  
3 credit hours

Advanced design problem-solving in the context of complex commercial and residential environments.

Prerequisite: IPD 318

Corequisite: IPD 405.

IPD 405 – Design Research Methods  
3 credit hours

The study of research for design problem solving including theory, methods, and contexts. Students will develop a research thesis that will direct their final senior project.

Prerequisite: IPD 318

Additional Course Fee Required

IPD 407 – Design Senior Project  
3 credit hours

Self-directed design thesis project based on research and review. The student will develop unique and applicable design solutions with clear research methodology and theoretical groundings.

Prerequisite: IPD 403 and IPD 405

Additional Course Fee Required

IPD 440 – Experiential Design Projects  
3 credit hours

This class will provide an opportunity to engage in live, local and regional projects. Students will interface with home owners, end users, contractors, builders, developers, real-estate agents and other local professionals as they navigate and follow projects from start to finish.

Prerequisite: IPD 318 and IPD 305 and IPD 446

IPD 446 – Professional Practice for Design  
2 credit hours

Study of ethics and principles of design professional practice and the management of design projects. Includes Final Portfolio Review.

Prerequisite: IPD 310 and IPD 320

IPD 475 – Internship  
1-9 credit hours

Internship is defined as a set of work-related experiences in the context of professional settings. The purpose of this course is to provide a work experience program for students preparing for employment in Interior and Product Design. It provides students with opportunities for broader experience and enables them to develop competencies which meet requirements of professional licensing. Work experience must involve design applications and provide opportunities for students to develop competencies in areas related to professional licensing. Students should contact their program coordinator prior to enrolling in this course.

Total Credits Allowed: 12.00

Prerequisite: IPD 310

IPD 490 – Special Problems in Interior and Product Design  
3 credit hours

Special topics in design for Interior and Product Design majors.

INTS 200 – Introduction to International Studies  
3 credit hours

Introduction to International Studies is an interdisciplinary course required of all international studies majors or as an elective for students who wish to deepen their understanding of an increasingly interdependent world and broaden their perspective on a variety of international topics. These include such topics as international politics and history, global environmental issues, international business and economics, comparative cultural studies and world literature.

INTS 300 – Eastern European Studies  
1-9 credit hours

The course is part of the Nebraska Semester Abroad program and is taught in the Czech Republic. The course includes the study of Eastern Europe, past and present, including Czech language study.

Total Credits Allowed: 9.00

INTS 301 – Greek and Eastern Mediterranean Studies  
4 credit hours

This course is part of the Nebraska Semester Abroad program and is taught in Greece. The course includes the study of Greece and the Eastern Mediterranean, past and present, including Greek language study.

INTS 388 – GS Capstone  
3 credit hours

An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.

Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

INTS 400 – International Development Seminar  
3 credit hours

This course is the first phase of participation in the International Community Service Program and will facilitate the preparation of selected students for service experience abroad using the expertise of many faculty, students, programs and activities at UNK.

Department Consent Required

Total Credits Allowed: 6.00

INTS 444 – International Studies Institute  
1-12 credit hours

This course is designed to combine travel and study in an international setting. The credit offered will be based on length and type of program.

Department Consent Required

Total Credits Allowed: 3.00

INTS 445 – International Studies Field Study  
1-6 credit hours

This course is designed to allow students to learn a wide variety of topics from scholars in international settings. Students who sign up for INTS 445 will attend lectures or courses at non-US universities or colleges. The credit offered will depend on the length and type of instruction available.

Total Credits Allowed: 12.00

INTS 470 – International Community Service  
1-6 credit hours

This course offers UNK students an opportunity to work in service programs throughout the world and put what they have learned at UNK to use in a variety of programs.

Department Consent Required

Total Credits Allowed: 6.00

INTS 475 – Internship in International Studies  
1-6 credit hours

This course is designed to give students experience in a work situation within their area of specialization and interest. Internships are normally student initiated and require approval of the Program Director. They may take place in the United States or abroad.

Total Credits Allowed: 6.00

International Studies (INTS)

INTS 90 – English Language Institute  
1 credit hour

Total Credits Allowed: 3.00

Additional Course Fee Required
INTS 480 – Special Topics  1-3 credit hours  
Topics and programs chosen from the area of International Studies not included in the normal offerings.  
Total Credits Allowed: 3.00

INTS 490 – Directed Readings  1-4 credit hours  
This course is directed independent readings in various topics in international studies. It is done under the supervision of the International Studies Program Director and directed by a University of Nebraska faculty member.  
Department Consent Required  
Total Credits Allowed: 4.00

INTS 496 – Senior Seminar in International Studies  3 credit hours  
This interdisciplinary course serves as the capstone course for INTS majors. It will normally be organized around a given topic or set of topics appropriate to International Studies chosen by the instructor and culminating in a final paper or project. The course may also include a study abroad or service learning/internship component.  
Total Credits Allowed: 12.00

Japanese (JAPN)  
JAPN 100 – Beginning Japanese I  3 credit hours  
Introduction to Japanese language.  

JAPN 101 – Beginning Japanese II  3 credit hours  
Oral practice on topics related to daily life and to performing specific tasks.  
Prerequisite: JAPN 100

JAPN 200 – Intermediate Japanese I  3 credit hours  
A continuation of the study of Japanese.  
Prerequisite: JAPN 101 or equivalent

JAPN 201 – Intermediate Japanese II  3 credit hours  
A continuation of the study of Japanese.  
Prerequisite: JAPN 200

Journalism and Mass Communication  
(JMC)  
JMC 100 – Global Media Literacy  3 credit hours  
This course provides a comprehensive understanding of the role of global media as they interact with the world’s social, cultural, political, technological and economic forces. Historical dimensions also are examined. Using major mass communication theoretical concepts as a basis, the effects of mass media on individuals and society are explored.  

JMC 110 – Topics  1 credit hour  
This course is intended to introduce students to the use of popular software packages used by the industry. The content of the course will be announced each time the course is offered.  
Total Credits Allowed: 5.00

JMC 112 – Communication Software  3 credit hours  
The course is intended to introduce students to the use of Apple Macintosh computers, peripherals, and popular communication software used by the industry. Students will be introduced to basic design principles.

JMC 130 – Advertising Principles and Practice  3 credit hours  
The study of how media strategy, planning and research are used in creating the advertising message. The course will include practical application of theory with emphasis on culturally diverse audiences.

JMC 215 – News Writing & Photography  3 credit hours  
As the world of integrated news continues to expand, journalists must be prepared with skills to meet the demands of the industry. Students will learn to select, focus and write news and feature stories in the traditional sense and then supplement the written news with digital photojournalism and design skills creating news packages geared to a specific news audience. Work in this course prepares students to write for the student newspaper and prepare design pieces for their portfolios in preparation for communication internships and jobs in news communication.  
Corequisite: JMC 112 or permission of the department.  
Additional Course Fee Required

JMC 220 – Photojournalism  3 credit hours  
Digital photography techniques. Introduction to using computer software and hardware to shoot and prepare photos for reproduction. Field assignments will be required.  
Additional Course Fee Required

JMC 226 – Audio Production & Announcing  3 credit hours  
An introduction to the techniques and theory of audio production as they are applied in the broadcast, cable and production industries. The course also includes instruction in how to effectively use one’s voice in broadcasting.  
Additional Course Fee Required

JMC 230 – Integrated Marketing Communications  3 credit hours  
An introduction to advertising with emphasis on marketing and demographic analysis. Also includes how advertising affects the consumer and an examination of the structure of the advertising industry.  

JMC 250 – Video Production Foundations  2 credit hours  
The purpose of this course is to introduce students to storytelling techniques using video and audio as the media. Students will be introduced to scriptwriting and storyboarding and will shoot and edit video to produce a short movie.

JMC 265 – Video Production  3 credit hours  
This course deals with advanced video production concepts and practices. Students will record aesthetically pleasing video and edit polished video material. They will develop skills using professional-grade camera, sound, and lighting equipment and familiarity with video and photo editing software (Adobe Premiere and Photoshop).  
Prerequisite: JMC 250 or permission of instructor.  
Additional Course Fee Required

JMC 280H – Sp Top in Brdcst-Honors  4 credit hours

JMC 300 – Website Design  3 credit hours  
No previous knowledge or experience required. Start with the basics: how the web works, using html, page editors, images and Web design principles. This class is hands-on in a lab environment. A variety of software such as Adobe Photoshop, Dreamweaver and Fetch will be used as well as digital cameras and scanners. Additional lab hours will be available. Students will finish with a Web site, their own pages on UNK’s server, and with an understanding of technical issues.  
Prerequisite: JMC 112 or permission of instructor

JMC 302 – Digital Storytelling  3 credit hours  
This course is designed to give Communication students experiences with the concepts and practices of professional information gathering for converged media. The emphasis is on selecting topics, angles, and sources, and producing content for multiple media formats. Students will use text, photos, audio, video, and other media for online and print publication.  
Prerequisite: JMC 112 and JMC 215 and JMC 300  
Additional Course Fee Required
JMC 303 – History of Press in America  3 credit hours
Study of primary materials to see how the media acted or reacted, altered or was altered by events and issues of American social, economic and political history.

JMC 304 – Interactive Media Design  3 credit hours
This course provides a comprehensive foundation for a hands-on approach for design, development, and process implementation of interactive media. Students will explore the current technologies and current software relationships to create course projects. It is recommended that students take JMC 300, Web Site Design and JMC 301 Web Site Design II before taking JMC 304.

JMC 305 – Writing Feature and Magazine Articles  3 credit hours
An in-depth study of how to write and market feature articles for newspapers and magazines.
Prerequisite: JMC 215 or permission of instructor

JMC 307 – Advertising Copywriting  3 credit hours
Writing advertising copy to fit specific media and specific client requirements. Assignments designed to develop skills in writing for all advertising media.

JMC 309 – Public Relations  3 credit hours
Basic principles of corporate and institutional communications programs.

JMC 315 – Advanced Reporting & Editing  3 credit hours
Advanced reporting techniques developed with emphasis on public affairs reporting. Students will also be exposed to copy editing, headline and caption writing and learning the Associated Press style.
Prerequisite: JMC 215 or permission of instructor

JMC 316 – Broadcast Advertising & Programming  3 credit hours
The course is designed to familiarize students with different aspects of broadcast/cable advertising and programming. Topics will include reach, co-op advertising, audience flow, coverage areas, audience measurement methods, ratings, share, stunting and recycling. Other areas for discussion will include the relationships among programming, promotions, personalities and the personnel in the various departments within a broadcast/cable operation.

JMC 318 – Writing for the Media  3 credit hours
Students will prepare written material for the media through assignments of varying styles, formats and degrees of difficulty.

JMC 319 – Sports Writing for the Media  3 credit hours
This course is designed for students pursuing a career in sports communication, whose professional duties will require them to prepare or approve written material in a variety of forms and styles for a range of media.

JMC 320 – Media Management  3 credit hours
A study of practical business and leadership techniques in media organizations. The course will include basic theories and styles of management. The structure of typical media organizations will be discussed.
Prerequisite: JMC 130 or JMC 215 and junior standing

JMC 329 – Print Advertising Design  3 credit hours
In-depth study of design and production techniques necessary for all print advertising. Utilizes desktop publishing to produce black and white as well as spot color print ads. Students will be expected to demonstrate proficiency with Adobe Photoshop and InDesign on the first day of the course.
Prerequisite: JMC 112
Additional Course Fee Required

JMC 330 – Publication Design  3 credit hours
Basic design and production techniques necessary for all publications. Utilizes desktop publishing to produce fliers, brochures and newsletters. Students will be expected to demonstrate proficiency with Adobe Photoshop and InDesign on the first day of the course.
Prerequisite: JMC 112
Additional Course Fee Required

JMC 336 – Radio Workshop  2 credit hours
Students will write, perform in, and produce programming and announcements, as well as serve as staff for KLPR-FM, the student operated radio station.
Total Credits Allowed: 10.00

JMC 339 – Radio Workshop: Sports  2 credit hours
Students will write, perform in, and produce sports programming and announcements, as well as serve as sports broadcasting staff for KLPR-FM, the student operated radio station.
Total Credits Allowed: 6.00

JMC 340 – Media Planning & Selling  3 credit hours
Principles of professional planning and selling of media with emphasis on efficient media choices for advertisers and effective personal selling techniques on behalf of media organizations.
Prerequisite: JMC 230

JMC 343 – Video at Antelope  2 credit hours
Students will write, produce, perform and serve as production crew for a variety of video programming including news, sports, and entertainment. This programming will be hosted on the Antelope website. Whenever possible, video content will be paired with a story from the print edition of the Antelope.
Total Credits Allowed: 6.00
Prerequisite: JMC 350

JMC 345 – News at Antelope  2 credit hours
This course is designed to give Communication students practical experiences in professional information gathering. Students will select topics, develop angles, identify sources, and produce content for online, print, and broadcast media. May be repeated for a total of four hours.
Total Credits Allowed: 4.00
Prerequisite: JMC 302 or JMC 318 or permission of instructor

JMC 350 – News at Antelope  2 credit hours
Students will write, produce, perform and serve as news crew for The Antelope. May be repeated for a total of four hours.
Total Credits Allowed: 6.00
Prerequisite: JMC 307 and JMC 329 or JMC 330 or permission of instructor

JMC 352 – Antelope Newspaper Production Photo Staff  2 credit hours
Students will take, process, and print pictures for the student newspaper, The Antelope. May be repeated for a total of four hours.
Total Credits Allowed: 10.00
Prerequisite: JMC 220 or permission of instructor

JMC 353 – Sports at Antelope  2 credit hours
This course is designed to give Sports Communication students practical experiences in professional information gathering. Students will select topics, develop angles, identify sources, and produce content for online, print, and broadcast media covering sports. May be repeated for a total of four hours.
Total Credits Allowed: 4.00
Prerequisite: JMC 302 or JMC 319
JMC 356 – Broadcast Announcing  3 credit hours
Instruction in performance for television and radio including news, personality, live performance and voice over. Students will perform in each class period with direct audience feedback.

JMC 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

JMC 401 – Web Site Design II  3 credit hours
This course, a continuation of JMC 300, explores current technologies available for web site development such as current languages, cascading style sheets, JavaScript, and responsiveness to devices. Multimedia formats for audio and video files are covered. Information is provided in relation to forms and interactivity. In addition, social implications, accessibility, and legal responsibilities are investigated. Prerequisite: JMC 300 or permission of instructor

JMC 402 – CMS - WordPress  3 credit hours
This course will explore Content Management Systems (CMS). CMS are leading applications for developing and maintaining websites. WordPress is an online, open source website creation tool and the most powerful blogging and website CMS in existence today.

JMC 406 – Commentary and Blogging  3 credit hours
This course introduces students to opinion writing for a range of media, including blogs, newspapers, magazines, and audio/video. Students will read, listen to, and analyze editorials, columns and spoken commentary, as well as write them for various media. Prerequisite: JMC 409

JMC 409 – Public Relations Strategy  3 credit hours
Case study analysis of public relations problems and procedures. Practice in creating materials which help organizations reach their public.

Prerequisite: JMC 309

JMC 414 – Communications Law  3 credit hours
Privileges of and constraints on mass media. Libel, contempt, access, privacy, and copyright are considered. National and state regulations are examined.

Prerequisite: Junior standing

JMC 416 – Interpretive Reporting  3 credit hours
Writing interpretive articles. Research and practice in understanding and evaluating contemporary problems and relating them to the social sciences.

Prerequisite: JMC 315

JMC 420 – Advertising Campaigns  3 credit hours
Integrates, amplifies and applies previous advertising and marketing coursework. Focus is three-fold: 1) utilizing research to write sound advertising-based integrated marketing communication plans, complete with post tests for effectiveness; 2) creating the campaigns including proposed media plans and media buys; and 3) making client presentations.

Prerequisite: JMC 307

JMC 425 – Topics in Mass Media  1-3 credit hours
The course examines various aspects of mass communication. The content of the course will be announced each time the course is offered. Possible topics include: public policy and the media; women, minorities and the media, and advanced web site design.

Total Credits Allowed: 9.00

JMC 427 – Advanced Video Production  3 credit hours
Features single camera projects with close faculty supervision.

Prerequisite: JMC 265 and JMC 343

JMC 440 – Mass Media Research  3 credit hours
The course is designed to accommodate the needs of students interested in understanding and conducting mass communications research. The course will introduce students to examples of mass communication research, as well as methods and typical research designs.

Prerequisite: Junior standing

JMC 460 – Mass Media and Society  3 credit hours
An examination of the theories, issues, and controversies surrounding the mass media. Particular emphasis will be given to press ethics, freedom and media effects.

Prerequisite: Junior standing

JMC 475 – Internship in Mass Media  1-6 credit hours
Supervised field experience with a cooperative agency in a media-related field. There will be an evaluation and review required with the sponsoring faculty member. Each student will be required to write an evaluation paper. The student must meet special requirements to participate in the program. Complete information is available in the Communication Department office.

Total Credits Allowed: 18.00

JMC 497 – Senior Portfolio  1 credit hour
The course is intended to provide the Department of Communication student with a comprehensive foundation in electronic portfolio creation to meet the graduation requirement.

Prerequisite: Junior or senior standing

JMC 498 – Multimedia Directed Study  1 credit hour
Students will work in teams in this course and will produce original multimedia productions in consultation with and directed by members of the Communication Department. This is a capstone course for Multimedia majors and minors and should be taken during the student’s senior year.

Prerequisite: Senior standing

JMC 499 – Independent Study in Mass Media  1-3 credit hours
Special assignments in the field of mass communication. May be taken for a total of 6 hours.

Department Consent Required

Total Credits Allowed: 18.00

Learning Skills (LNSK)

LNSK 103 – Foundations for Learning  3 credit hours
This academic skills seminar is strongly recommended for first year and transfer students. Course topics include an interdisciplinary focus on reading, writing, and communicating at a college level. The course encourages students to build transferable critical thinking skills, set educational and career goals, and develop time management and financial competences. Students will learn to utilize university resources to achieve both academic and personal growth. Credits earned in this graded course may be counted as electives toward graduation.
Management (MGT)

MGT 133 – Business Calculus and Linear Programming  3 credit hours
A study of linear programming and applied calculus with emphasis on business and economic applications.
Prerequisite: MATH 102

MGT 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

MGT 230 – Managing Diversity in Organizations  3 credit hours
This course covers the personal and managerial implications of cultural diversity within work groups. Underlying this course is the philosophy that the ability to work and manage effectively in a diverse workplace begins with developing a deeper understanding of other cultures.

MGT 232 – Introduction to Scholarly & Creative Activity  3 credit hours
This course will introduce students to scholarly and creative activity and prepare them to engage in undergraduate research. Students will begin to learn the skills required to identify and define a research topic, build a knowledge base surrounding the topic, locate and evaluate sources, and consider ethics and human relations aspects of research. These skills will help prepare students for success in a variety of careers.

MGT 233 – Business Statistics  3 credit hours
MATH 120 or MATH 123 are recommended. A study of basic statistical analysis of business and economic data demonstrating its use in making sound business decisions.
Prerequisite: Either MATH 102 or MATH 120 or MATH 123 Students with a Business major must also take BSAD 100 or ITEC 130

MGT 301 – Principles of Management  3 credit hours
An integrated study of the functions of a manager: planning, organizing, leading, and controlling. An in-depth look at various management theories.

MGT 314 – Operations and Supply Management  3 credit hours
Operations management is concerned with the execution of strategy. It involves the systematic design, operation, control, and improvement of business processes to achieve organizational goals and create economic value. Successfully managing operations is vital to the long-term viability of every type of organization. This course provides a broad overview of issues in operations and supply chain management emphasizing a strategic orientation toward design and improvement issues. Specific topics include competitiveness; operations strategy; quality management; statistical process control; design of products, services, processes, and facilities; project management; forecasting; supply chain management; inventory management; lean production; and scheduling.
Prerequisite: MGT 233 or equivalent and either MATH 120 or MATH 123 or MGT 133. Students with a Supply Chain Management Emphasis or Marketing Emphasis or MIS Emphasis must complete MGT 233 or equivalent and either MATH 120 or MATH 123 or MGT 133 or MIS 190

MGT 330 – International Management  3 credit hours
This course provides an introduction to and overview of the theories, concepts, and practice of international business and management. Additionally, this course will expose students to the basic theories and concepts relating to international trade and globalization - issues of global economic, social, political, and cultural convergence and divergence.

MGT 334 – Applied Business Analytics  3 credit hours
A continuation of the study of the application of statistical techniques to support decision making in business situations using descriptive, predictive, and prescriptive analytics. A statistical computer package will be used.
Prerequisite: MGT 233

MGT 355 – Organizational Behavior  3 credit hours
This course is designed to develop an understanding of and appreciation for the complex interrelationships of people in formal organizations. The course focuses on both individual and group behavior, with emphases on motivation, leadership, conflict, and other aspects of organizational dynamics. Some sections use basic statistics and computer applications. Prerequisite: Junior standing

MGT 380 – Human Resource Management  3 credit hours
This course introduces the student to the theory and practice of human resource management. Topics include recruitment, selection, and placement; training, development and performance management; compensation; equal opportunity and the legal environment; and strategic implication of HRM and its relationship with other organizational functional areas.

MGT 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.
MGT 400 – Entrepreneurship 3 credit hours
This course explores the phenomena of entrepreneurship, including the myths, realities, and impact of entrepreneurial activity. Students assess their own entrepreneurial aptitude and interests, meet a variety of entrepreneurs, and investigate the processes of generating promising ideas, evaluating the viability of those ideas, finding capital, considering franchise opportunities, and developing a new venture management team. The class is project oriented with each student participating in the development of a feasibility plan for a new venture.

MGT 401 – Small Business Management 3 credit hours
This course focuses on the operation of small business and the small business environment. This course deals with the topics related to personnel, government regulations of small business, advertising, sales promotion, accounting, forecasting, family ownership and other management related problems.
Prerequisite: MGT 300

MGT 405 – Creativity and Innovation 3 credit hours
Creativity and innovation are integral to an organization’s ability to survive and thrive in an increasingly competitive marketplace. This course provides students with an understanding of how creativity and innovation can be fostered in individuals and organizations. Students will learn about theoretical frameworks of creativity and the diffusion of innovation as well as practical techniques for improving the flexibility and originality of their own design thinking and problem-solving processes. Students will be expected to play an active role in learning through class exercises, discussions, and both individual and team projects.

MGT 409 – Leadership: Skills, Applications, Research 3 credit hours
This course is designed to give students preparing for careers in business, government, and the nonprofit sector a working knowledge of leadership styles, principles, models, and practical applications. Students will learn to engage critically in analytical and intellectual examination and reflection of certain core issues in the practice of leadership. Topics covered include history of leadership, leadership traits and behaviors, motivation and communication patterns, teamwork, use of power, development of trust, effective group facilitation, negotiation and persuasion, effective change, and ethics.

MGT 410 – Compensation Management 3 credit hours
A study of the basic forms of financial compensation, including benefits packages. Principles of internal, external, and individual equity as determined by job evaluation, salary surveys, and performance evaluation comprise the core of this course. Prior completion of MGT 380 is recommended.

MGT 411 – Labor Relations 3 credit hours
A study of labor-management relations as defined by negotiated labor contracts. Topics include history of the labor movement, union structure and function, the negotiation process, and issues in labor relations. Prior completion of MGT 380 is recommended.

MGT 415 – Quality Management Concepts & Practice 3 credit hours
Overview of the concepts and techniques of quality management. Statistical tools; people element of quality management; philosophies and practices of quality experts discussed. Students will be expected to be computer literate.
Prerequisite: MGT 314

MGT 425 – Operations Research 3 credit hours
Recent developments relating to business application of linear programming, simplex method, transportation method, post optimality analysis, game theory, utility theory, PERT-CPM, and queuing theory. Students will be expected to be computer literate.
Prerequisite: MGT 233 or equivalent

MGT 440 – Health Care Management I - Managing People Effectively 3 credit hours
Health care managers are responsible for getting things done through other people. This course focuses on giving students the tools (theory and practice) to become an effective manager in healthcare settings. Topics include leadership, ethics, staffing, teamwork, communication, and performance management.

MGT 441 – Health Care Management II - Managing Processes Effectively 3 credit hours
Health care managers are responsible for effectively coordinating, planning, and managing business processes. These processes include scheduling, waiting line assessment, quality, budgeting, financial planning and forecasting.

MGT 450 – Health Care Delivery: Systems and Policies 3 credit hours
This course is for health sciences students and students interested in health care management. Topics include 1) the organization, delivery, and financing of health care; 2) the business side of health care including workforce issues, payment systems, and cost control; 3) issues in the health care industry including the effect of government policies; and 4) the opportunity for students to critically evaluate current changes in health care policies in the United States and other countries and the effect of such changes on the quality of patient care.

MGT 474 – International Experiential Learning: Management 1-3 credit hours
Independent investigations of international management issues through first-hand experiences. Topics to be investigated may be tailored to meet the needs of the student.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: MGT 330 or MKT 430 or ECON 430 and junior or senior standing and permission of department chair

MGT 475 – Management Internship 1-12 credit hours
A work experience program planned for students preparing for employment in business, industry, government, or nonprofit organization. The learning situation is supervised by personnel within the selected entity.
Total Credits Allowed: 15.00
Prerequisite: Minimum GPA 2.5 and MGT 301 or MGT 355

MGT 485 – Seminar in Human Resource Management 3 credit hours
Provides the student with an opportunity to study and research current issues in human resource management; course stresses an informal setting and open communications approach.
Prerequisite: MGT 380

MGT 489 – Business Consultantship 3 credit hours
This course affords the student an opportunity to serve in a consultant capacity for an area business. In-depth business analysis is conducted by the student, and specific recommendations are reported to the management of the firm.
Department Consent Required
Prerequisite: Senior standing and permission of department chair

MGT 490 – Seminar in Organizational Behavior 3 credit hours
Provides the student an opportunity to study and research current issues in organizational behavior and to develop a futuristic philosophy of organizational management.
Prerequisite: MGT 355
MGT 493 – Social Responsibilities of Business: Issues and Ethics 3 credit hours
A study of the societal challenge of business and organizations; how business and society interface; micro and macro publics of business and organization, environment, consumerism, employee rights, equality/diversity, international business and future corporate ethos. This course covers legal, ethical and social responsibility issues of business and organizations.
Prerequisite: Junior standing

MGT 495 – Administrative Strategy and Policy 3 credit hours
As the capstone course in business, the course is designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making.
Prerequisite: FIN 308 and MKT 300 and either MGT 301 or MGT 355

MGT 498 – Management Topics 3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.

MGT 499 – Special Problems in Business 1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student.
Department Consent Required
Total Credits Allowed: 3.00

Management Information Systems (MIS)

MIS 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

MIS 280H – Special Topics–Honors 1-3 credit hours
Total Credits Allowed: 3.00

MIS 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

MIS 399 – Business Apprenticeship Program 1-3 credit hours
The Business Apprenticeship Program is designed to provide students with a variety of experiences which will facilitate competency in their chosen field of study. Students who plan to teach will assist faculty members in preparing bibliographies, in research, in translations, in aiding classroom discussions, in preparing special lectures and programs, in grading and preparing examinations. Must be approved by Department Chair. This course may be repeated to a maximum of 6 credits.
Total Credits Allowed: 18.00

MIS 475 – Management Information Systems Internship 1-15 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning situation is supervised by the academic department and personnel of selected industries. Work experience approved by the department.
Total Credits Allowed: 15.00
Prerequisite: Minimum GPA of 2.50 and MIS 302

MIS 481 – Systems Analysis and Design II 3 credit hours
This course is a continuation of MIS 381. Students use several software packages as they work through the steps of the system development life cycle with business cases.
Prerequisite: MIS 381

MIS 498 – Management Information Systems Topics 3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.

Marketing (MKT)

MKT 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

MKT 280H – Special Topics 1-3 credit hours
Total Credits Allowed: 3.00

MKT 300 – Principles of Marketing 3 credit hours
The course will inform students of the theories, principles, and methods involved in the transaction and organized exchange of goods and services. Discussion of the history and evolution of marketing, its present-day challenges, and strategies connected with developing, pricing, promoting, and distributing goods and/or services.
Prerequisite: Sophomore standing

MKT 331 – Professional Selling 3 credit hours
An examination of the role of professional selling as a key component of marketing communications. Various techniques of professional selling and methods for developing long-term relationships with customers are explored, including the use of role-playing.
MKT 336 – Services Marketing  3 credit hours  
This course presents concepts and strategies for addressing the distinctive marketing challenges in service industries, including the tourism, hospitality, banking, healthcare, and professional services.

MKT 388 – GS Capstone  3 credit hours  
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

MKT 395 – Field Experiences in Practical Marketing  3 credit hours  
The course offers a series of on-site activities designed to allow the student to experience, analyze and develop a marketing plan for an organization in a major market area. Primary and secondary data research emphasizing marketing functions, business interactions, sociocultural relationships and global impact will be utilized.

MKT 420 – Retail Management  3 credit hours  
A study of retail institutions and the basic principles and methods of retail merchandising, buying, and selling; store location, layout and operation; store and personnel management. Prerequisite: MKT 300 or permission of instructor

MKT 430 – International Marketing  3 credit hours  
A comprehensive overview of existing international marketing systems, history and development. Prerequisite: MKT 300 or MGT 330

MKT 433 – Marketing Channels Management  3 credit hours  
How to design, organize and control the alliances among the institutions, agencies, and within a company unit involved with the process of making certain that products and services are available for consumption by industrial, commercial, and household end users. Prerequisite: MKT 300 or permission of instructor

MKT 434 – Business-to-Business Marketing  3 credit hours  
Marketing in the business-to-business environment including trade, institutional, service, agribusiness, and governments; study of purchasing and buyer behavior in organizations; determination of business-to-business marketing strategies as well as e-business strategies. Prerequisite: MKT 300

MKT 435 – Marketing Research  3 credit hours  
Structuring research procedures to aid managerial decision making. Emphasis is on development and completion of a marketing research project. Prerequisite: MKT 300 and MGT 233 or STAT 241

MKT 437 – Sales Management  3 credit hours  
The concepts and practices of an established body of management knowledge used to cope with the dynamic environment of both direct and telemarketing sales; job descriptions and qualifications, recruiting, training, determining sales potential, establishing workloads, scheduling, allocating quotas, compensating, controlling, and evaluating sales and people. Prerequisite: MKT 300 or MKT 331 or permission of instructor

MKT 438 – Consumer Behavior  3 credit hours  
A detailed and in-depth analysis of why and how people buy, based upon an understanding of the nature of consumer behavior on both the micro and macro level; includes the effects of internal and external influences on decision making. Prerequisite: MKT 300 and junior standing or permission of instructor

MKT 440 – Advertising Management  3 credit hours  
A study of advertising as a marketing function with emphasis on planning and implementing the advertising campaign, creating copy and layouts, media selection, and scheduling. Prerequisite: MKT 300 or permission of instructor

MKT 444 – Person Marketing  3 credit hours  
Students will gain the skills to market individuals, i.e., how to take the unique product—a specific person to the marketplace. Students will learn to create SWOT analysis for the person they are marketing using creative problem-solving skills. Students will develop a marketing plan to market themselves. Prerequisite: Senior standing or permission of instructor

MKT 450 – Pharmaceutical Marketing  3 credit hours  
Students will gain the skills to market pharmaceuticals, i.e. how to take product science to the marketplace. Student’s analytical, creative, problem-solving decision skills will be enhanced to improve success of product in the marketplace. Students will work on project conducting a market analysis, including a competitor assessment, and a marketing plan for an assigned pharmaceutical drug. Prerequisite: Senior standing or permission of instructor

MKT 456 – Marketing Management  3 credit hours  
A capstone marketing course covering market analysis, marketing plan development, execution and control; integrates and builds upon previous specialized marketing courses. Prerequisite: MKT 435 and MKT 438

MKT 457 – E-Marketing  3 credit hours  
The pragmatic and theoretical aspects of E-marketing, including E-mail orders and direct response advertising, reassurability and accountability, E-mail lists and data, plus the integration of E-marketing programs into total marketing efforts and into overall organization goals and functions.

MKT 460 – Strategic Product Management  3 credit hours  
To develop an awareness and understanding of the issues, tools and techniques used from inception to launch of a product. Prerequisite: MKT 300 or permission of instructor

MKT 464 – Person Marketing  3 credit hours  
To learn to work in one or more multi-cultural, international business environment, outside of their native country and the United States, through first-hand experiences outside the classroom that require significant cross-cultural business-related immersion, such as visiting and engaging with businesses abroad or in the multinational organizations within the US. Department Consent Required

MKT 464 – Person Marketing  3 credit hours  
Total Credits Allowed: 3.00  
Prerequisite: MKT 430 or MGT 330 or ECON 430 and junior or senior standing and permission of instructor

MKT 475 – Marketing Internship  1-15 credit hours  
A work experience program planned for students preparing for employment in business and industry. Internships above three credit hours need marketing advisor approval. Total Credits Allowed: 15.00 Prerequisite: Minimum GPA 2.5 and MKT 300
MKT 498 – Marketing Topics 3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor. Department Consent Required

MKT 499 – Special Problems in Business 1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making. Department Consent Required
Total Credits Allowed: 3.00

Mathematics (MATH)

MATH 90 – Elementary Algebra 3 credit hours
This course deals with elementary concepts of algebra which are usually taught at the 9th grade level. Emphasis is placed on developing functional competence in the several areas of algebra which are covered, and the content includes some practical applications. Not a General Studies course. Credit will not count toward any UNK degree. Placement: Math ACT score of 16 or less.

MATH 101 – Intermediate Algebra 3 credit hours
The course which includes a study of the properties of real numbers, polynomials, fundamental operations, factoring, exponents, and radicals, linear and quadratic equations, and other selected topics, all of which are necessary for the study of college algebra. Not a General Studies course. Prerequisite: MATH 090 or Math ACT Score of 17 or greater and one year of high school algebra Students may not enroll in MATH 101 after earning credit for any General Studies Mathematics class.

MATH 102 – College Algebra 3 credit hours
A college level algebra course which includes a study of linear equations and inequalities, relations and functions, graphing of linear and quadratic functions, polynomial and rational functions, logarithmic and exponential functions, systems of equations, matrices, sequences and series, and other selected topics all of which are necessary for the study of calculus. Prerequisite: MATH 101 or Math ACT Score of 20 or greater and two years of high school algebra Students may not enroll in MATH 102 after earning credit for MATH 115 or MATH 123.

MATH 103 – Plane Trigonometry 3 credit hours
Study of trigonometric functions. Prerequisite: MATH 102 or Math ACT Score of 22 or greater and two years of high school algebra

MATH 104 – Concepts in Mathematics and Statistics 3 credit hours
An algebra course designed specifically for students going into elementary education. Many of the topics are similar to topics found in a traditional college algebra course. However, topics from the areas of probability and statistics have been included to give the prospective elementary teacher the necessary background to meet state and national curriculum standards for elementary mathematics. Prerequisite: MATH 101 or Math ACT Score of 20 or greater and 4 years of high school mathematics.

MATH 106 – Mathematics for Liberal Arts 3 credit hours
An enrichment course investigating the structure, aesthetics and philosophy of mathematics and its cultural relevance. Prerequisite: MATH 101 or Math ACT Score of 17 or greater and 2 years of high school algebra.

MATH 115 – Calculus I with Analytic Geometry 5 credit hours
Limits and continuity, differentiation of algebraic and trigonometric functions, elementary integration (with applications) of algebraic and trigonometric functions. Prerequisite: MATH 103 or Math ACT score of 23 or above 4 yrs HS Math including 2 yrs algebra 1 yr geom and sr level pre-calc.

MATH 120 – Finite Mathematics 3 credit hours
An introduction to modern mathematical concepts, with applications. Includes logic, set theory, probability, vectors, matrices, linear programming, and game theory. Prerequisite: MATH 102 or Math ACT score of 22 or greater and two years of high school algebra.

MATH 123 – Applied Calculus I 3 credit hours
The concepts of calculus with emphasis on applications to the areas of business, biology, economics, and the social and behavioral sciences. Credit cannot be received for both MATH 115 and 123. Prerequisite: MATH 102 or Math ACT score 22/above 4 yrs HS math including 2 yrs algebra 1 yr geom sr level precalc course Students may not enroll in MATH 123 after earning credit for MATH 115.

MATH 202 – Calculus II with Analytic Geometry 5 credit hours
A continuation of MATH 115 including the differentiation and integration of transcendental functions, methods of formal integration with applications, series. Prerequisite: MATH 115 or Math ACT score of 25 or greater and one year of high school calculus.

MATH 230 – Math for Elementary Teachers I 3 credit hours
In this course, preservice teachers develop knowledge of mathematics important for the effective teaching of PK-6 students. The mathematical topics investigated in the course include problem solving, the number system, alternate base systems, operations with whole numbers and integers, introductory number theory concepts, and data analysis. In all of these topics, preservice teachers learn to develop appropriate mathematical explanations, understand student reasoning about mathematics, and communicate mathematical reasoning. Prerequisite: MATH 102 or MATH 104 or Math ACT score of 20 or greater and four years of high school mathematics including two years of algebra and one year of geometry and a senior level mathematics course.

MATH 250 – Foundations of Math 3 credit hours
Topics of sets and symbolic logic are studied with the objective of using them in the detailed study of the nature of different types of proofs used in mathematics. Also, the processes of problem solving are studied for developing strategies of problem solving. Prerequisite: MATH 115 or MATH 123

MATH 260 – Calculus III 5 credit hours
A continuation of MATH 202. Vector calculus, partial derivatives and multiple integrals. Department Consent Required
Prerequisite: MATH 202 or equivalent preparation

MATH 305 – Differential Equations 3 credit hours
Methods of solution and applications of common types of differential equations. Prerequisite: MATH 260

MATH 310 – College Geometry 3 credit hours
Mathematical systems and re-examination of Euclidean geometry from an advanced viewpoint. Prerequisite: MATH 250
MATH 330 – Math for Elementary Teachers II  3 credit hours
In this course, preservice teachers further develop knowledge of mathematics important for the effective teaching of PK-6 students. The mathematical topics investigated in the course include operations with rational numbers (e.g., fractions and decimals), proportional reasoning (e.g., percents, ratios), two-dimensional and three-dimensional geometric figures, and measurement (e.g., length, area, volume, angles). In all of these topics, preservice teachers learn to develop appropriate mathematical explanations, understand student reasoning about mathematics, and communicate mathematical reasoning.
Prerequisite: MATH 230

MATH 350 – Abstract Algebra  3 credit hours
An introduction to modern algebra, including a brief study of groups, rings, integral domains and fields.
Prerequisite: MATH 250 or permission of instructor.

MATH 365 – Complex Analysis  3 credit hours
Complex analysis is an introduction to the theory of complex variables and the calculus of analytic functions. Topics covered include the calculus of residues, the Cauchy Integration theorem, and the extension of exponential, logarithmic, and trigonometric functions to the complex plane.
Prerequisite: MATH 260

MATH 399 – Internship  1-4 credit hours
On the job experience designed to complement the major. Internship experiences are available only in selected areas. Consult with the departmental advisor. MATH 399 is a credit/no credit course.
Total Credits Allowed: 4.00

MATH 400 – History of Mathematics  3 credit hours
An introduction to the history of mathematics from its primitive origins to modern-day mathematics.
Prerequisite: MATH 115

MATH 404 – Theory of Numbers  3 credit hours
Properties of integers, congruencies, primitive roots, arithmetic functions, quadratic residues, and the sum of squares.
Prerequisite: MATH 250 or permission of instructor.

MATH 413 – Discrete Mathematics  3 credit hours
Topics include mathematical induction, recursion relations, counting principles, and discrete probability. Additional topics may include graph theory.
Prerequisite: MATH 250

MATH 420 – Numerical Analysis  3 credit hours
The solution of nonlinear equations, interpolation and approximation, numerical integration, matrices and system of linear equations, and numerical solution of differential equations.
Prerequisite: MATH 260 or permission of instructor

MATH 430 – Middle School Mathematics  3 credit hours
Topics will build on the foundations of MATH 230 and MATH 330 be focused toward the middle school math curriculum: algebraic structures including variables and functions, introductory number theory, probability, statistics, geometry, and problem solving.
Prerequisite: MATH 115 or MATH 202 or MATH 230 or MATH 260.

MATH 440 – Linear Algebra  3 credit hours
Vector spaces, linear transformations, matrices, and determinants.
Prerequisite: MATH 115 or MATH 202 or MATH 260

MATH 460 – Advanced Calculus I  3 credit hours
Functions, sequences, limits, continuity, differentiation and integration.
Prerequisite: MATH 250 and MATH 260

MATH 470 – Methods in Middle and High School Mathematics Teaching  3 credit hours
In this course, preservice teachers develop research-based knowledge and instructional practices that facilitate mathematics learning for grades 6-12 students. The topics investigated in the course include mathematics instructional methodology, research literature, diversity and equity, mathematics standards and curricula, assessment, and the development of effective mathematics lesson plans and curricular units. In addition, preservice teachers examine the importance of continuously improving teaching of mathematics through teacher reflection, instructional leadership, and professional development.
Prerequisite: MATH 430 and admission to Teacher Education.

MATH 490 – Special Topics in Mathematics  1-3 credit hours
Topics chosen from the areas of mathematics appropriate to the student’s program and will involve both formal lectures and independent study.
Total Credits Allowed: 3.00

MATH 495 – Independent Study in Mathematics  1-3 credit hours
An individual investigation by the student of topics not included in the normal mathematics offerings.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: MATH 260

Military Science (MLSC)

MLSC 101 – Foundations of Officership  1 credit hour
This course addresses the issues and competencies central to a commissioned officer’s core responsibilities and to leadership in general. Life skills that are addressed specifically are values, physical fitness, time management, stress management and decision making processes. (Military membership is not required nor is any military obligation incurred.) MLSC 101L is required with this course.
Department Consent Required
Prerequisite: Permission of instructor.
Corequisite: MLSC 101L.

MLSC 101L – Leadership Laboratory I  1 credit hour
This lab provides challenging, hands on learning environment through practical exercises and activities in military officership skill development. Students will develop confidence and learn the importance of teamwork in goal accomplishment. Activities may include rappelling, land navigation and map reading, rifle marksmanship, survival training, personal defense, survival swimming, military weapons, military drill, and first aid. (Military membership is not required nor is any military obligation incurred.)
Corequisite: MLSC 101.

MLSC 102 – Basic Leadership  1 credit hour
This course is a study of the foundations of leadership. Students will gain an understanding of problem solving, communications, military briefings, effective writing, goal setting, physical well-being, and techniques for improving listening, speaking and counseling. (Military membership is not required nor is any military obligation incurred.) MLSC 102L is required with this course.
Prerequisite: MLSC 101 or permission of instructor.
Corequisite: MLSC 102L.
MLSC 102L – Leadership Laboratory II 1 credit hour
This lab allows students to observe and participate in challenging, hands on learning environment through practical exercises and activities in military officering skill development. Students will develop confidence and learn the importance of teamwork in goal accomplishment. Activities may include land navigation and map reading, survival training, personal defense, military weapons, military drill, first aid, tactics, and squad level exercises. (Military membership is not required nor is any military obligation incurred.) Corequisite: MLSC 102.

MLSC 201 – Individual Leadership Studies 2 credit hours
This course is a study of the functions, duties and responsibilities of junior leaders through the assignment of team leader positions within the cadet corps chain of command. Emphasis is on the application of leadership skills in both military and civilian leadership roles. Leadership skills including communications, effective writing, leadership core competencies, military briefings, advanced land navigation and map reading, and leadership styles are addressed. (Military membership is not required nor is any military obligation incurred.) MLSC 201L is required with this course.
Prerequisite: MLSC 101 or MLSC 102 or permission of instructor. Corequisite: MLSC 201L.

MLSC 201L – Leadership Laboratory III 1 credit hour
Second year leadership lab continues the development of confidence, military skills, and a sense of teamwork. Students will be assigned junior leadership roles within the cadet corps chain of command for practical experience on activities and exercises.
Corequisite: MLSC 201.

MLSC 202 – Leadership and Teamwork 2 credit hours
A study of the fundamental leadership techniques used to build effective teams. Activities and study will center on the role of the commissioned officer and non-commissioned officer in leadership. This course will also include the study of effective communications within groups, creativity in problem solving and how to motivate subordinates and peers. These skills will be applied in the context of military environments such as Army tactics, squad level exercises, team level exercises and land navigation and map reading. All students will be evaluated on leadership skills in a mentoring environment for further development. (Military membership is not required nor is any military obligation incurred.) Prerequisite: MLSC 201 or permission of instructor.

MLSC 202L – Leadership Laboratory IV 1 credit hour
Second-year leadership laboratory continues to be the development of confidence, military skills and a sense of teamwork. Maybe selected to fill leadership positions in the cadet corps. The variety of activities parallels those during the first year of the laboratory. (Military membership is not required nor is any military obligation incurred.)
Total Credits Allowed: 2.00

MLSC 301 – Leadership and Problem Solving 2 credit hours
Conduct self-assessments of leadership style, develop a personal fitness regimen, and plan and conduct individual/small unit tactical training, while testing reasoning and problem solving techniques. Direct feedback on leadership abilities.
Department Consent Required
Total Credits Allowed: 4.00

MLSC 301L – Leadership Laboratory V 1 credit hour
This leadership laboratory consist of placement in leadership positions within the cadet corps organization, providing a greater challenge while building on the confidence and skills developed during the MLSC 101, 102, 201, 202. Concentration of physical conditioning and the furthering of military skills development particularly with respect to small unit tactics and individual military weapons. Practical exercises in preparation for summer Leadership Development and Assessment Course and leadership responsibilities of the final year.
Total Credits Allowed: 2.00
Corequisite: MLSC 301.

MLSC 302 – Leadership and Ethics 2 credit hours
This course will use advanced small unit operations and tactical communications to improve student leadership skills. Students will explore the role of communications, values, and ethics in effective leadership. Students will also investigate ethical decision making, consideration of others, spirituality in the military and Army leadership doctrine. Additionally, students will improve written and oral communications by preparing and issuing operations orders and will receive direct feedback on leadership abilities.
Total Credits Allowed: 4.00
Prerequisite: MLSC 301 or permission of instructor.

MLSC 302L – Leadership Laboratory VI 1 credit hour
This leadership laboratory consists of placement in leadership positions within the cadet corps organization, providing a greater challenge while building on the confidence and skills developed during the MLSC 101, 102, 201, 202, 301. Concentration of physical conditioning and the furthering of military skills development particularly with respect to small unit tactics and individual military weapons. Practical exercises in preparation for summer Leadership Development and Assessment Course and leadership responsibilities of the final year.
Total Credits Allowed: 2.00
Corequisite: MLSC 302.

MLSC 336 – ROTC Internship 6 credit hours
This course grants academic credit for participation at LDAC in Ft. Lewis, Washington. LDAC consists of practical application of cadet leadership and academic knowledge. First aid, survival training, and physical conditioning techniques are also evaluated in a military environment using equipment and resources not available on campus. LDAC is conducted during the summer session and lasts four weeks. Department Consent Required

MLSC 399 – Independent Study 1-3 credit hours
Academic credit can also be earned by successful completion of four weeks of summer leadership training at the Leader’s Training Course, Ft. Knox, Kentucky. Opportunity to expand study of the Army beyond the levels presented in programmed courses. Studies may approach military leadership, military history or contemporary issues from a broad perspective or more narrowly defined in-depth analysis.
Department Consent Required
Total Credits Allowed: 6.00

MLSC 401 – Developing Adaptive Leaders 2 credit hours
This course develops the student and his/her proficiencies in planning and executing complex operations, functioning as a member of a battalion staff and mentoring subordinates. The course focuses on training management, methods of effective staff collaboration, and developmental counseling techniques. Professionalism and ethics provide the student with opportunities to assess risk and make ethical decisions.
Prerequisite: MLSC 302
MLSC 401L – Leadership Laboratory VII  1 credit hour
This leadership laboratory provides the opportunity to practice leadership and manager skills through practical application. Leadership laboratory programs are developed, planned, and conducted by the students registered in this laboratory.
Total Credits Allowed: 2.00
Corequisite: MLSC 401.

MLSC 402 – Leadership in a Complex World  2 credit hours
This course includes case study analysis of military law and practical exercises in establishing an ethical command climate. Students will complete a semester-long Senior Leadership Project that requires: planning, organizing, collaborating, analyzing and demonstrating leadership skills. This course will prepare the student for Basic Officer Leader Courses II & III and for leadership in complex situations in the contemporary operating environment.
Prerequisite: MLSC 401

MLSC 402L – Leadership Laboratory VIII  1 credit hour
This leadership laboratory provides the opportunity to practice leadership and manager skills through practical application. Leadership laboratory programs are developed, planned, and conducted by the students registered in this laboratory.
Total Credits Allowed: 2.00
Corequisite: MLSC 402.

MLSC 499 – Independent Study  1-3 credit hours
Academic credit can also be earned by successful completion of professional development programs such as Airborne, Air Assault, Northern Warfare, Mountain Warfare or Cadet Troop Leading Training. Opportunity to expand study of the Army beyond the levels presented in programmed courses. Studies may approach military leadership, military history or contemporary issues from a broad perspective or more narrowly defined in-depth analysis.
Department Consent Required
Total Credits Allowed: 6.00

Music (MUS)

MUS 98 – Fundamentals of Music  1 credit hour
An introduction to the basic rudiments and skills of music theory for those with little or no background in music. Develops both written and aural skills in basic notation, scales, key signatures, intervals and triads. Class does not apply to any UNK degree.

MUS 100 – Music Appreciation  3 credit hours
A survey of music in its basic concepts covering a broad spectrum of world styles and eras.

MUS 101 – American Musical Theatre  3 credit hours
A survey of the history and development of musical theatre in America from 1800’s to present. Examination of significant works, their composers and lyricists, from stage and movie musicals.

MUS 103 – University Band  1 credit hour
An instrumental performance group open to all university students with high school band experience. Marching, concerts, and tours.
Total Credits Allowed: 18.00

MUS 104 – Symphonic Band  1 credit hour
Large ensemble of brass, wind and percussion instruments performing the best of symphonic band literature. Open to entire university community.
Total Credits Allowed: 12.00

MUS 105 – Wind Ensemble  1 credit hour
Select instrumental ensemble open to entire university community through audition.
Total Credits Allowed: 12.00

MUS 106 – Introduction to Jazz and Blues  3 credit hours
A survey of the musical styles of jazz and blues from the 1800s through lecture, readings, recordings, concerts, and audiovisual presentations. These indigenous American musical forms are examined from both a musical and cultural vantage point.

MUS 107 – Introduction to Rock and Blues  3 credit hours
A survey of the musical styles of rock and blues from the 1800s to the 1990s through lecture, readings, recordings, concerts, and audiovisual presentations. These indigenous American musical forms are examined from both a musical and cultural vantage point.

MUS 109 – Introduction to Music Education  1 credit hour
Overview of music education. Introduces basic issues and principles of music education, orientation to student characteristics, teacher roles, and foundations of philosophy and history. School observations required.

MUS 110 – Brass Techniques  1 credit hour
Fundamentals of brass instruments with an emphasis on the practical aspects of teaching and playing the trumpet, French horn, trombone, and tuba.
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 111 – Woodwind Techniques  1 credit hour
Fundamentals of flute and double reed instruments with an emphasis on the practical aspects of teaching and playing the flute, oboe and bassoon.
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 114 – Percussion Techniques  1 credit hour
Fundamentals of percussion instruments with an emphasis on the practical aspects of teaching and playing.
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 118 – Guitar Techniques  1 credit hour
Fundamentals of the guitar with an emphasis on the practical aspects of teaching and playing. Students must provide their own instruments.
Prerequisite: Music major or minor or permission of instructor

MUS 120 – String Techniques  1 credit hour
Fundamentals of upper and lower string instruments with an emphasis on the practical aspects of teaching and playing violin, viola, cello, and bass.
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 122 – Conducting  1 credit hour
This course is designed to introduce and develop the basic concepts of conducting a musical ensemble for the music major or minor.
Prerequisite: MUS 200 and MUS 201

MUS 129 – Class Voice  1 credit hour
Fundamentals of singing with an emphasis on basic musicianship and performance.
Total Credits Allowed: 2.00
Additional Course Fee Required
MUS 130 – Voice Techniques 1 credit hour
Fundamentals of singing with an emphasis on the practical aspects of teaching, evaluating students, and performing.
Total Credits Allowed: 2.00
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 135 – Private Instruction for Non-Majors 1 credit hour
Private studio instruction for non-music majors. University level competency is required as determined through audition. Piano, organ, voice, stringed instruments, wind instruments or percussion. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length for one hour of credit. May not be applied towards music degree private instruction requirements.
Department Consent Required
Total Credits Allowed: 6.00
Additional Course Fee Required

MUS 140 – Piano Techniques I 1 credit hour
Beginning keyboard fundamentals designed for music majors and minors with little or no keyboard background.
Additional Course Fee Required

MUS 141 – Piano Techniques II 1 credit hour
Continuation of Piano Techniques I with particular emphasis on building technical facility and skills in harmonization, improvisation, transposition and sight reading.
Prerequisite: Grade of C minus or above in MUS 140
Additional Course Fee Required

MUS 145 – Diction for Singers I 1 credit hour
This course teaches the International Phonetic Alphabet (IPA), manner and placement of articulation for both English and Italian, concentrating on diction comprehension for singers.

MUS 149 – Private Instruction, Secondary Instrument 1 credit hour
Private instruction for music majors and minors on secondary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least five hours of practice per week are required for one hour of credit. May not be applied towards primary (major) instrument or voice private instruction requirements.
Department Consent Required
Total Credits Allowed: 6.00
Additional Course Fee Required

MUS 150 – Private Instruction, Primary Instrument 1 credit hour
Private instruction for music majors and minors on primary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length for one hour of credit. All students enrolled in MUS 150 are required to attend ten recitals and/or concerts each semester. A jury examination is usually required at the end of each semester.
Department Consent Required
Total Credits Allowed: 8.00
Prerequisite: Music major or minor and permission of instructor
Additional Course Fee Required

MUS 151 – Private Instruction, Primary Instrument 2 credit hours
Private instruction for music majors and minors on primary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least ten hours of practice per week are required for two hours of credit. Lessons are one hour in length. All students enrolled in MUS 151 are required to attend ten recitals and/or concerts each semester. MUS 151 may not be taken in lieu of two semesters of MUS 150. A jury examination is usually required at the end of each semester.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Music major or minor and permission of instructor
Additional Course Fee Required

MUS 159 – Piano Fundamentals 2 credit hours
Fundamentals of music as applied to the keyboard. Designed for students with little or no previous musical training. Note and rhythm reading on the keyboard will be emphasized. Credit may not be applied to a music major or minor.
Additional Course Fee Required

MUS 160 – Piano Fundamentals I 1 credit hour
Beginning keyboard fundamentals designed for music majors and minors with little or no keyboard background.
Additional Course Fee Required

MUS 161 – Piano Fundamentals II 1 credit hour
Continuation of Piano Fundamentals I with particular emphasis on building technical facility and skills in harmonization, improvisation, transposition and sight reading.
Prerequisite: Grade of C minus or above in MUS 160
Additional Course Fee Required

MUS 165 – Small Ensembles 1 credit hour
Instrumental, vocal and keyboard ensembles. Consult with instructor before registering. Students may register as many times as desired, but may not receive more than two hours of credit in any one term.
Department Consent Required
Total Credits Allowed: 18.00

MUS 166 – Accompanying 2 credit hours
An introduction to the art of accompanying vocal and instrumental literature.
Department Consent Required
Total Credits Allowed: 6.00

MUS 167 – Practicum in Accompanying 1-2 credit hours
Practical application of collaborative rehearsal techniques and performance skills learned in MUS 166. Assignments will be based on performance level, experience, and departmental needs and may range from accompanying private voice/instrumental lessons and recitals to large ensembles.
Total Credits Allowed: 6.00
Prerequisite: MUS 166 or permission of instructor

MUS 173 – Choraleers 1 credit hour
A select mixed voice choir performing chamber choral repertoire. Open to all university students through audition.
Total Credits Allowed: 12.00

MUS 174 – University Men's Chorus 1 credit hour
A men's singing group performing standard male chorus repertoire, including popular, Broadway, folk, spirituals, and fraternity songs. Open to all men in the university community.
Total Credits Allowed: 12.00

MUS 175 – University Chorus 1 credit hour
A large mixed voice choir performing large choral works as well as chamber music. Open to the entire university community.
Total Credits Allowed: 18.00

MUS 176 – University Women's Chorus 1 credit hour
A women's singing group performing repertoire from classics to popular, Broadway to spirituals. Open to all women in the university community.
Total Credits Allowed: 12.00
MUS 177 – Opera Workshop  1-3 credit hours
A course for singers who want to perform works from opera, operetta, and musical theatre repertoire in scenes, one-acts, or full productions. Open to all university students through audition and placement.
Total Credits Allowed: 12.00

MUS 178 – Nebraskats  1 credit hour
A select show choir performing a wide variety of popular music. Open to all university students through audition. Extensive performing throughout the year and annual tour.
Total Credits Allowed: 12.00

MUS 179 – Collegium  1 credit hour
A select small vocal ensemble performing 16th-20th century a cappella music. Open to members of Choraleers through audition.
Total Credits Allowed: 12.00

MUS 180 – Jazz/Rock Ensemble  1 credit hour
An instrumental big band performing contemporary and traditional jazz and rock music. The ability to read music is required. Open to all university students through audition in the fall semester.
Total Credits Allowed: 12.00

MUS 185 – New Music Ensemble  1 credit hour
New Music Ensemble focuses on the music of the late 20th century and the music of today. Literature will be a mixture of “classics” from the repertoire along with brand new music. The focus will be on discussing, experimenting, creating, editing, and eventual performance of two new pieces of music.
Total Credits Allowed: 10.00

MUS 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

MUS 189 – Music Business Field Study  1 credit hour
A field study to music businesses, trade shows, conventions, etc. involved in the music business industry. Students will keep a written journal of observations. (Credit/No-Credit)
Total Credits Allowed: 4.00

MUS 198 – Sight Singing and Ear Training I  1 credit hour
Sight singing of standard music materials; melodic, rhythmic and harmonic dictation. Should be taken concurrently with MUS 200.

MUS 199 – Sight Singing and Ear Training II  1 credit hour
Sight singing of standard music materials; melodic, rhythmic and harmonic dictation. Should be taken concurrently with MUS 201.
Prerequisite: Grade of C minus or above in MUS 198

MUS 200 – Music Theory I  3 credit hours
Rudiments of music, including melodic and rhythmic notation, scales, key signatures, intervals, and chord structure. Elementary harmonic analysis, with non-harmonic tones. Should be taken concurrently with MUS 198.
Prerequisite: Passing score on the music theory placement exam (P/F) or passing score on the AP music theory exam (3 or above).

MUS 201 – Music Theory II  3 credit hours
Continuation of melodic and harmonic analysis. Harmonization of chorales and other melodies, using diatonic triads, dominant and leading tone seventh chords, and modulation. Should be taken concurrently with MUS 199.
Prerequisite: Grade of C minus or above in MUS 200

MUS 211 – Sound Recording and Reinforcement  2 credit hours
An introduction to the basic techniques of sound recording and reinforcement of music and how they apply to the music industry. The course focuses on microphones, mixers, signal processing, recording hardware and software, amplifiers, and speakers. The course includes a laboratory experience utilizing audio equipment and software common to music sound production.

MUS 219 – Chamber Orchestra  1 credit hour
Select orchestral chamber ensemble open to the entire university community through audition.
Department Consent Required
Total Credits Allowed: 8.00

MUS 220 – Kearney Area Symphony Orchestra  1 credit hour
A symphony orchestra made up of UNK faculty and students, as well as instrumentalists from the community, performing classical and pops concert repertoire, opera, musicals, and large works with choir. Open to all who qualify through audition. Meets one evening per week.
Total Credits Allowed: 18.00

MUS 240 – Piano Techniques III  1 credit hour
Continuation of Piano Techniques II, with emphasis on harmonization, technique, improvisation, score reading, solo and ensemble repertoire, analysis and sequencing. The piano proficiency examination for music business majors, music minors (elementary education option), and liberal arts in music majors will be administered at the end of this course.
Prerequisite: Grade of C minus or above in MUS 141
Additional Course Fee Required

MUS 241 – Piano Techniques IV  1 credit hour
Continuation of Piano Techniques III, with addition of accompanying. Designed to prepare music education, pre-music therapy, musical theatre, and vocal and instrumental performance majors for the piano proficiency examination.
Prerequisite: Grade of C minus or above in MUS 240
Additional Course Fee Required

MUS 245 – Diction for Singers II  1 credit hour
An introduction to the basic techniques of sound recording and music sound production.

MUS 247 – Women Composers and Their Music: A Historical Approach  3 credit hours
A Survey of women composers and their music throughout history, from the Middle Ages to the present. A major focus of the course is the actual music, in written and/or recorded form. Historical, sociological and psychological factors affecting women composers in each period will also be included.
MUS 260 – Keyboard Harmonization 1 credit hour
A course for students with keyboard facility, designed to satisfy piano proficiency requirements for majors and minors, taken in lieu of the Piano Techniques sequence. Keyboard harmonization, transposition, improvisation, score reading, solo and ensemble repertoire, sequencing and sight reading.
Prerequisite: MUS 103 or instructor permission.

MUS 280H – Special Topics-Honors 2-3 credit hours
Total Credits Allowed: 3.00

MUS 301 – Music Technology 2 credit hours
A survey of the technological advances in music. The course focuses on the computer as a music tool, music software, Musical Instrument Digital Interface (MIDI), electronic music instruments, music synthesis and sampling, and electronic musical communication.

MUS 303 – University Band 1 credit hour
An instrumental performance group open to all university students with high school band experience. Marching, concerts, and tours.
Total Credits Allowed: 18.00
Prerequisite: MUS 103 or instructor permission.

MUS 304 – Symphonic Band 1 credit hour
Large ensemble of brass, wind and percussion instruments performing the best of symphonic band literature. Open to entire university community.
Total Credits Allowed: 12.00
Prerequisite: MUS 104 or instructor permission.

MUS 306 – Wind Ensemble 1 credit hour
Select instrumental ensemble open to entire university community through audition.
Total Credits Allowed: 12.00
Prerequisite: MUS 105 or instructor permission.

MUS 310 – Music Business 3 credit hours
A survey of the business aspects of the music industry with an emphasis on merchandising, recording, publishing, managing, broadcasting, promotion, licensing, and copyrights. Includes information on career planning and development.

MUS 311 – Practicum in Sound Production 1 credit hour
Students will augment skills and knowledge in sound recording and reinforcement using knowledge gained in MUS 211 Sound Recording and Reinforcement through working with the Sound Production Coordinator to record and reinforce recitals, concerts, and other events in the Fine Arts Building.
Prerequisite: MUS 211 or permission of instructor.

MUS 312 – Adv Sound Production 2 credit hours
An advanced course on the techniques of audio production. The course focuses on advanced issues of the musical sound, audio production, sound design, and sound reinforcement. The course includes a laboratory experience utilizing audio equipment and software common to music sound production.
Prerequisite: MUS 211.

MUS 324 – Musical Theatre Coaching I 1 credit hour
An introduction to interpretation of Broadway musical songs; examination of lyrics as script through books lyrics and scores with practical application.
Prerequisite: MUS 150 (voice) or permission of instructor.

MUS 325 – Musical Theatre Coaching II 1 credit hour
A continuation of MUS 324 with greater emphasis on physicalization of songs, exploration of literature for voice/character type, and learning to prepare a song for audition.
Prerequisite: MUS 324 or permission of instructor.

MUS 326 – Musical Theatre Coaching III 1 credit hour
A continuation of MUS 325 with greater emphasis on building a working repertoire of various types of Broadway songs.
Prerequisite: MUS 150 (voice) and MUS 325 and an introductory acting course or an introductory dance course and permission of instructor.

MUS 327 – Musical Theatre Coaching IV 1 credit hour
A continuation of MUS 326 with special consideration given to performance of duets and small ensembles.
Prerequisite: MUS 326 or permission of instructor.

MUS 330 – Music Methods for the Elementary Teacher 3 credit hours
Basic musical skills methods and materials for the elementary classroom teacher.
Prerequisite: Elementary Education or Middle Level or Early Childhood
Unified major.

MUS 337 – Sight Singing and Ear Training III 1 credit hour
Sight singing of standard music materials including chromaticism. Ear training of melodic, rhythmic and harmonic materials. Should be taken concurrently with MUS 339.
Prerequisite: Grade of C minus or above in MUS 199.

MUS 338 – Sight Singing and Ear Training IV 1 credit hour
Sight singing of standard music materials including chromaticism. Ear training of melodic, rhythmic and harmonic materials. Should be taken concurrently with MUS 340.
Prerequisite: Grade of C minus or above in MUS 337.

MUS 339 – Music Theory III 3 credit hours
An intensive study of diatonic and chromatic harmonic structures and processes. Harmonic analysis of music for various performance media taken mostly from the Romantic period. Should be taken concurrently with MUS 337.
Prerequisite: Grade of C minus or above in MUS 199 and in MUS 201.

MUS 340 – Music Theory IV 3 credit hours
Continuation of Theory III. Introduction to late 16th century and 18th century counterpoint. Introduction to the expansion of harmonic resources from the period of Impressionism to the present. Should be taken concurrently with MUS 338.
Prerequisite: Grade of C minus or above in MUS 339.

MUS 341 – Counterpoint 2 credit hours
Study of contrapuntal writing in 18th century style.
Prerequisite: MUS 199 and MUS 201.

MUS 347 – Music History and Literature I 3 credit hours
A survey of the development of western music from Plato to 1800 providing insight into fundamental compositional style elements and performance practices of each historical period within a socio-politico-economic context. Students will become acquainted with landmark composers and compositions.

MUS 348 – Music History and Literature II 3 credit hours
A survey of the development of western music from 1800 to the present providing insight into fundamental compositional style elements and performance practices of each historical period within a socio-politico-economic context. Students will become acquainted with landmark composers and compositions.
MUS 350 – Advanced Private Instruction  
1 credit hour
Advanced private instruction for music majors with Advanced Standing status. A minimum number of 350/351 credit hours are required per degree program (consult individual programs). Piano, organ, voice, string, wind or percussion instruments. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length. All students enrolled in MUS 350 are required to attend ten recitals and/or concerts each semester. A recital hearing, to be attended by a committee of the applied music faculty, is required in advance of the recital.
Department Consent Required
Total Credits Allowed: 6.00
Additional Course Fee Required

MUS 350R – Advanced Applied Instruction with Recital  
1 credit hour
Advanced private instruction with half recital requirement for music education majors. Piano, organ, voice, string, wind, or percussion instruments. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length. All students enrolled in MUS 350R are required to attend ten recitals and/or concerts each semester. A recital hearing, to be attended by a committee of the applied music faculty, is required in advance of the recital.
Department Consent Required
Total Credits Allowed: 2.00
Prerequisite: Junior standing and advanced standing status and permission of instructor
Additional Course Fee Required

MUS 351 – Advanced Private Instruction  
2 credit hours
Advanced private instruction for music majors with Advanced Standing status. A minimum number of 350/351 credit hours are required per degree program (consult individual programs). Piano, organ, voice, string, wind or percussion instruments. At least ten hours of practice per week are required for two hours of credit. Lessons are one hour in length. All students enrolled in MUS 351 are required to attend ten recitals and/or concerts each semester. MUS 351 may not be taken in lieu of two semesters of MUS 350. A jury examination is usually required at the end of each semester.
Department Consent Required
Total Credits Allowed: 12.00
Additional Course Fee Required

MUS 351R – Advanced Private Instruction with Junior Recital  
2 credit hours
Advanced private instruction with Junior Recital requirement for musical theatre majors with Advanced Standing status. Required of all candidates for the Bachelor of Music - Musical Theatre degree, voice principal. At least ten hours of practice per week are required for two hours of credit. Lessons are one hour in length. All students enrolled in MUS 351R are required to attend ten recitals and/or concerts each semester. A minimum thirty-minute recital is required during the semester of MUS 351R enrollment on the principal instrument (voice). A recital hearing to be attended by a committee of the applied voice faculty is required in advance of the recital.
Department Consent Required
Total Credits Allowed: 4.00
Additional Course Fee Required

MUS 356 – Field Experience in the Elementary Music Classroom  
0.5 credit hours
This 50 clock hour minimum field-based experience in music education is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator. Under the mentorship of a practicing elementary music educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching at the elementary school level. Students will also be required to engage in a variety of school related activities commonly encountered by professional educators.
Prerequisite: Admission to Teacher Education and completion or concurrent enrollment in TE 306 or TE 319.
Corequisite: MUS 357.

MUS 357 – Elementary/Middle School General Music  
3 credit hours
This course will address the examination of methods and materials appropriate for teaching in the elementary/middle school general music classroom, as well as administrating a comprehensive vocal music program in the elementary/middle school settings. Observation of a middle school vocal/general music classroom is part of this course.
Prerequisite: Admission to Teacher Education and junior standing or permission of instructor

MUS 358 – Theory and Practice of Music in Elementary/Middle School  
3 credit hours
This course will address the examination of methods and materials appropriate for teaching in the elementary/middle school general music classroom, as well as administrating a comprehensive vocal music program in the elementary/middle school settings. Observation of a middle school vocal/general music classroom is part of this course.
Prerequisite: Admission to Teacher Education and junior standing or permission of instructor

MUS 359 – Elementary/Middle School General Music  
3 credit hours
This course will address the examination of methods and materials appropriate for teaching in the elementary/middle school general music classroom, as well as administrating a comprehensive vocal music program in the elementary/middle school settings. Observation of a middle school vocal/general music classroom is part of this course.
Prerequisite: Admission to Teacher Education and junior standing or permission of instructor

MUS 365 – Form and Analysis  
2 credit hours
Study of the architecture of music. Analysis of harmonic, melodic, rhythmic and formal elements in the works of representative composers.
Prerequisite: MUS 339

MUS 373 – Choraleers  
1 credit hour
A select mixed voice choir performing chamber choral repertoire. Open to all university students through audition.
Total Credits Allowed: 12.00
Prerequisite: MUS 173 or instructor permission.

MUS 375 – Music Business Field Experience  
3 credit hours
A practical experience designed to provide observation and supervised participation in one of the business areas of the music industry. In consultation with the program director, students choose participating music business firms and work as if full-time employees in various aspects of the business.
Prerequisite: MUS 310

MUS 376 – University Women's Chorus  
1 credit hour
A women's singing group performing repertoire from classics to popular, Broadway to spirituals. Open to all women in the university community.
Total Credits Allowed: 12.00
Prerequisite: MUS 176 or instructor permission.

MUS 377 – Opera Workshop  
1-3 credit hours
A course for singers who want to perform works from opera, operetta, and musical theatre repertoire in scenes, one-acts, or full productions. Open to all university students through audition and placement.
Total Credits Allowed: 12.00
Prerequisite: MUS 177 or instructor permission.

MUS 379 – Collegium  
1 credit hour
A select small vocal ensemble performing 16th-20th century a cappella music. Open to members of Choraleers through audition.
Total Credits Allowed: 12.00
Prerequisite: MUS 179 or instructor permission.
MUS 380 – Jazz/Rock Ensemble  1 credit hour
An instrumental big band performing contemporary and traditional jazz and rock music. The ability to read music is required. Open to all university students through audition in the fall semester.
Total Credits Allowed: 12.00
Prerequisite: MUS 180 or instructor permission.

MUS 385 – New Music Ensemble  1 credit hour
New Music Ensemble focuses on the music of the late 20th century and the music of today. Literature will be a mixture of "classics" from the repertoire along with brand new music. The focus will be on discussing, experimenting, creating, editing, and eventual performance of two new pieces of music.
Total Credits Allowed: 10.00
Prerequisite: MUS 185 or instructor permission.

MUS 387 – Recital  1 credit hour
Half recital for piano, organ, voice, string, wind, or percussion instruments. A recital hearing, to be attended by a committee of the applied music faculty, is required in advance of the recital. Should be taken concurrently with MUS 350 or MUS 351.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: Junior standing and advanced standing status and permission of instructor

MUS 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

MUS 402 – Music Theory Through an Historical Perspective  3 credit hours
An overview of the history and theory of music, focusing on musical styles and form in each era and basic theoretical concepts and analysis, including early twentieth century, and an overview of musical literature through readings, score study and recorded examples. May be taken for undergraduate or graduate credit.
Prerequisite: MUS 339 and MUS 347 and MUS 348 or undergraduate degree in Music

MUS 404 – Music and Movement for Early Childhood Teachers  2-3 credit hours
This Early Childhood music and movement course is for anyone interested in teaching in early childhood education, from birth through age 8. Basic understanding, musical skills, movement activities, methods and materials for the early childhood teacher will be explored.
Prerequisite: MUS 199 and MUS 201 and MUS 122 and large ensemble

MUS 406 – Instrumental Conducting & Literature  2 credit hours
The technique of the baton, score interpretation, rehearsal techniques, and a literature search of instrumental repertoire for all levels of education.
Prerequisite: MUS 199 and MUS 201 and MUS 122 and large ensemble

MUS 407 – Choral Conducting and Literature  2 credit hours
The technique of the baton, score interpretation, rehearsal techniques, and a literature search of choral repertoire for all levels of education.
Prerequisite: MUS 199 and MUS 201 and MUS 122 and large ensemble

MUS 420 – Kearney Area Symphony Orchestra  1 credit hour
A symphony orchestra made up of UNK faculty and students, as well as instrumentalists from the community, performing classical and pops concert repertoire, opera, musicals, and large works with choir. Open to all who qualify through audition. Meets one evening per week.
Total Credits Allowed: 18.00
Prerequisite: MUS 220

MUS 425 – Arranging  2 credit hours
Comprehensive study of arranging vocal and instrumental ensembles with emphasis on creativity.
Prerequisite: MUS 339

MUS 430 – Vocal Pedagogy  3 credit hours
An introductory study of the voice as it relates to singing; anatomy and physiology of the voice; comparison of teaching techniques.
Department Consent Required
Prerequisite: Four semesters of MUS 150 OR MUS 350-voice and junior standing or permission of the instructor

MUS 431 – Independent Music Studio  2 credit hours
This course is designed to provide guidelines for developing a successful independent music studio including professional qualifications, ethical standards, and effective studio management (instrumental, piano, or vocal).
Prerequisite: MUS 201 or permission of instructor

MUS 432 – Fundamentals of Piano Pedagogy I  3 credit hours
An introduction to the basic concepts, skills and techniques necessary for successful teaching at the elementary level. Overview of methods and materials for average-age beginners; studio operation.
Department Consent Required

MUS 433 – Fundamentals of Piano Pedagogy II  2 credit hours
A continuation of Fundamentals of Piano Pedagogy I with emphasis on group teaching; materials methods and techniques for teaching adult, pre-school and transfer students.
Prerequisite: MUS 432 or permission of instructor

MUS 434 – Advanced Piano Pedagogy I: History, Philosophies and Principles of Piano Pedagogy  2 credit hours
Advanced studies in teaching philosophies and principles of piano pedagogy; teaching functional and musicianship skills; building technique.
Prerequisite: MUS 433 or permission of instructor

MUS 435 – Advanced Piano Pedagogy II: Pedagogical Approaches to Keyboard Literature  2 credit hours
Advanced studies in pedagogical approaches to keyboard literature musicianship performance and performance practice; adjudication; diagnostic procedures; sequencing repertoire.
Prerequisite: MUS 434 or permission of instructor

MUS 436 – Internship in Piano Teaching  2 credit hours
Practical application of teaching skills learned in MUS 432-434. Includes direct observation of and consultation with experienced teachers, supervised teaching, written evaluations and personal conferences with the piano pedagogy instructor.
Total Credits Allowed: 6.00
Prerequisite: MUS 434 or permission of instructor

MUS 450 – Survey of Art Song  3 credit hours
An historical examination of the Art Song literature from the 17th century to the present.
Prerequisite: MUS 348 or permission of instructor
MUS 451 – History & Literature of Opera  3 credit hours
An historical survey of operatic literature of Italy, France, England, Germany, Austria, Russia, and the United States from the 17th century to the present.
Prerequisite: MUS 348 or permission of instructor

MUS 456 – Piano Literature I  3 credit hours
A survey course discussing the structure, style, and history of piano literature from the Baroque through early Romantic periods.
Prerequisite: MUS 348 or permission of instructor

MUS 457 – Piano Literature II  3 credit hours
A survey course discussing the structure, style, and history of piano literature from the Romantic Period through the 20th century.
Prerequisite: MUS 348 or permission of instructor

MUS 460 – Independent Study and Research  1-4 credit hours
Independent research or special assignment to the student’s major field. Six hours of cumulative credit may be earned.
Department Consent Required
Total Credits Allowed: 18.00

MUS 467 – Field Experience in the Secondary Music Classroom  0.5 credit hours
This 50 clock hour minimum field-based experience in music education is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator. Under the mentorship of a practicing secondary music educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school related activities commonly encountered by professional educators.
Prerequisite: Admission to Teacher Education.
Corequisite: MUS 468.

MUS 468 – Secondary School Music  3 credit hours
Examination of methods and materials appropriate for teaching and administering a comprehensive secondary school music program.
Prerequisite: Admission to Teacher Education and completion of MUS 406 and MUS 407.
Corequisite: MUS 467.

MUS 473 – Special Topics in Music Business  1-3 credit hours
Advanced, independent, in-depth investigations into specific topics related to the Music Industry. Topics of study are tailored to meet the needs of the student. The format of the course will vary depending on the topic. Must have special permission of music business program director to enroll. This course may be repeated to a maximum of three hours.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: MUS 310 and permission of program director

MUS 474 – Music Business Project  1 credit hour
Independent investigation of a career in music business with research in the area of the student’s specialization under the supervision of the music business program director.
Department Consent Required

MUS 475 – Internship in Music Business  7-12 credit hours
A practical experience designed to provide observation and supervised work in one of the business areas of the music industry. In consultation with the program director, students choose participating music business firms and work as if full-time employees for a total of 500 hours in various aspects of the business.
Department Consent Required
Total Credits Allowed: 12.00

MUS 485 – Seminar in Opera Technique and Performance  3 credit hours
A study of available operas with regard to casting, rehearsal techniques, staging, management, and performance. An opera will be selected, rehearsed and performed as the culmination of the course.
Department Consent Required

MUS 486 – Marching Band/Jazz Ensemble Methods  3 credit hours
An in-depth analysis of how to design and write marching band drill for both halftime and competition shows.

MUS 488 – Recital  1 credit hour
Required of all candidates for the BM degree with a music performance and musical theatre emphasis. Other majors at the discretion of the applied instructor. May be repeated for credit.
Department Consent Required
Total Credits Allowed: 5.00
Prerequisite: Junior standing and advanced standing status and permission of instructor

MUS 499 – Music Special Topics  1-3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor, and the needs of the student.
Total Credits Allowed: 9.00

Philosophy (PHIL)

PHIL 100 – Introduction to Philosophy  3 credit hours
What is Philosophy? This course seeks both to convey a sense of what philosophy has been and to engage the student in a philosophical dialogue concerning perennial and contemporary issues. Among topics dealt with are: freedom, God, knowledge, morality and justice.

PHIL 105 – Philosophical Roots of American Democracy  3 credit hours
This course is designed to emphasize the philosophical roots of Democracy by reading primary works from Greek philosophy, literature, the Declaration of Independence and the U.S. Constitution. The students will analyze the ideals of justice, citizenship, virtue, rights, liberty, and the constitution of government and develop an understanding of what are the duties and responsibilities of informed citizens.

PHIL 110 – Introduction to Logic  3 credit hours
The systematic study of valid arguments with emphasis upon analysis and evaluation of arguments in ordinary language.

PHIL 120 – Introduction to Ethics  3 credit hours
Introduction to a philosophical analysis of the idea of an ethical life: reading and critical discussion of both historical and contemporary sources.

PHIL 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a Portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.
PHIL 201 – Formal Logic  3 credit hours
The formal study of valid arguments, with emphasis upon problem solving through symbolic manipulation.

PHIL 250 – Ancient Philosophy  3 credit hours
Reading and critical analysis of the texts of the philosophers of ancient Greece and Rome with an emphasis on Socrates, Plato and Aristotle.

PHIL 251 – Medieval Philosophy  3 credit hours
Reading and critical analysis of the major philosophical issues of the middle ages, such as the relation of faith and reason and philosophy to theology, the interpretation of texts, and the conflict between the vita activa and the vita contemplativa.

PHIL 253 – Modern Philosophy  3 credit hours
Reading and critical analysis of texts of seventeenth and eighteenth century philosophers such as Descartes, Locke, Hume and Berkeley.

PHIL 254 – Contemporary Philosophy  3 credit hours
Study of contemporary issues and methods in Philosophy, including, but not limited to, Phenomenology, Existentialism, Analytic Philosophy.

PHIL 305 – Social and Political Philosophy  3 credit hours
Study of the fundamental principles of political and social organization, and the concepts of community, justice, law and economy.

PHIL 309 – Philosophy of Mind  3 credit hours
Critical analysis of philosophical ideas of concepts such as perception, sensation, emotion, action and will.

PHIL 314 – Philosophy of Religion: Reason and Faith  3 credit hours
Problems concerning religious language, the nature and existence of God, and the purpose and meaning of religious life, including criticism thereof.

PHIL 360 – Philosophy of Science  3 credit hours
Critical study of the aims, methods and the good(s) of the sciences. Using original works in various sciences, this course will examine the why and wherefore of scientific inquiry and progress.

PHIL 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline
Prerequisite: Junior or Senior level standing or within 6 hours of completing general studies requirements.

PHIL 400 – Ethics  3 credit hours
Reading and critical analysis of historic and contemporary discussions of the concept of morality.

PHIL 410 – Topics in Metaphysics  3 credit hours
Investigation of the concepts of reality, existence, truth and being. Specific topic to be announced in the class schedule.
Prerequisite: 3 hours of Philosophy at the 100 level or permission of instructor.

PHIL 420 – Independent Study  1-3 credit hours
Arrange with instructor.
Total Credits Allowed: 18.00

PHIL 425 – Aesthetics  3 credit hours
This course will study the nature and purposes of art.

PHIL 451 – Philosophy in Literature  3 credit hours
Philosophical issues as expressed in the novel, drama, and poetry. Prerequisite: 3 hours of Philosophy at the 100 level or permission of instructor.

PHIL 490 – Seminar in Philosopher or Movement  3 credit hours
Specific philosopher or movement to be announced in the class schedule. May be repeated as topic varies.
Total Credits Allowed: 18.00

Physical Education (PE)

PE 100 – Principles of Physical Education  2 credit hours
Introductory course for students interested in careers in health, physical education, athletic training or coaching.

PE 107 – Introduction to Exercise Science  1 credit hour
This course is designed to introduce students to the field of Exercise Science as an area of academic study and as a professional career. Students majoring in Exercise Science should take this course in their first year.

PE 109 – Activity Class  1 credit hour
Any full semester course or any combination of two eight-week courses below may be elected for one credit. Aerobic Dancing, Archery, Badminton, Ballroom Dancing, Basketball, Bowling, Cross Country Skiing, Diving, Golf, Gymnastics, Jogging, Orienteering, Personal Defense, Pickleball, Pocket Billiards, Racquetball, Skiing, Soccer, Softball, Swimming, Tennis, Track, Tumbling, Volleyball, Wrestling, Yoga for Exercise.
Total Credits Allowed: 18.00

PE 110 – Basic Sports Activities  0.5-1 credit hours
Any full semester course or any combination of two eight-week courses below may be elected for one credit. Aerobic Dancing, Archery, Badminton, Ballroom Dancing, Basketball, Bowling, Cross Country Skiing, Diving, Golf, Gymnastics, Jogging, Orienteering, Personal Defense, Pickleball, Pocket Billiards, Racquetball, Skiing, Soccer, Softball, Swimming, Tennis, Track, Tumbling, Volleyball, Wrestling, Yoga for Exercise.
Total Credits Allowed: 18.00

PE 111 – Intercollegiate Sports  1 credit hour
Participation as a member of one of UNK’s varsity sports teams.
Total Credits Allowed: 18.00

PE 112 – Conditioning and Weight Training  1 credit hour
Sports specific activities for physical conditioning.
Total Credits Allowed: 10.00

PE 121 – Sports Skills for Physical Education  2 credit hours
Understanding, analysis and performance of team, racquet and lifetime sports.

PE 122 – Sports Skills for Life and Leisure  2 credit hours
The focus of this course is the understanding, performance and delivery of lifetime outdoor and team building activities. The course content is designed for individuals pursuing a career in either Physical Education or Recreation.
PE 150 – Healthy Wealthy and Wise 3 credit hours  
This course focuses on increasing student’s understanding of the relevance of the social, economic, and environmental conditions that affect their decisions to take personal responsibility for their health. Throughout this course, students will be asked to reflect on their own health behavior, the factors that influence their behavior and development of strategies to articulate and modify behavior and improve their overall health and well-being.

PE 161 – Adapted Activities 1 credit hour  
Individually prescribed activities arranged in consultation with UNK physician and/or student’s personal physician.

PE 173A – Intro to Athletic Tmg 2 credit hours

PE 173B – Modalities in Athlet Tmg 2 credit hours

PE 173C – Rehabilitation Tech 2 credit hours

PE 173D – Adv Top: Athletic Tmg 2 credit hours

PE 174A – Athletic Training Clinical Level One A 2 credit hours  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.
Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 264 and PE 265 and PE 310
Additional Course Fee Required

PE 174B – Athletic Training Clinical Level One B 2 credit hours  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.
Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 264 and PE 265 and PE 310
Additional Course Fee Required

PE 174C – Athletic Training Clinical Level Two A 4 credit hours  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.
Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 174A and PE 174B
Additional Course Fee Required

PE 174D – Athletic Training Clinical Level Two B 3 credit hours  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.
Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 174A and PE 174B
Additional Course Fee Required

PE 174E – Athletic Training Clinical Level Three A 1 credit hour  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.
Prerequisite: PE 174D
Additional Course Fee Required

PE 174F – Athletic Training Clinical Level Three B 1 credit hour  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.
Prerequisite: PE 174E
Additional Course Fee Required

PE 188 – GS Portal 3 credit hours  
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

PE 200 – Teaching Sport Skills and Non-Rhythmic Activities 2-3 credit hours  
The course will provide pre-service K-12 physical education teachers with theoretical knowledge and opportunities to apply content knowledge in the development of sport and non-rhythmic activities and lessons
Prerequisite: PE 100 and PE 121

PE 210 – Scuba 2 credit hours  
Background, principles and techniques of scuba diving. Certification may be awarded at the discretion of instructor. A special fee will be assessed for the course.

PE 211 – Advanced Sports 1 credit hour  
Advanced instruction in Baseball, Life Guarding, Basketball, Football, Track.
Additional Course Fee Required

PE 220 – Teaching Aerobic and Anaerobic Activities 1-2 credit hours  
Basic teaching techniques for a variety of activities which should be included in a secondary school physical education program or in a fitness management program.
Total Credits Allowed: 2.00

PE 221 – Teaching Sport and Leisure Activities 2 credit hours  
Basic teaching techniques for individual, dual, team, and racquet sports and rhythmic activities; these would include recreational activities for leisure and lifetime.

PE 226 – Elementary School Health Teaching 1 credit hour  
Methods of teaching elementary school health.
Prerequisite: PE 160 or PE 150
PE 230 – Sports Officiating  1-2 credit hours
Sections in football, volleyball, basketball, wrestling, and track and field officiating will be offered.
Total Credits Allowed: 16.00

PE 240 – Non-Rhythmic Activities for Elementary Schools  2 credit hours
Techniques of teaching perceptual-motor activities, fundamental movement skills, sports skills, low-organized and lead-up games, self-testing activities, story plays and mimetics.

PE 241 – Rhythmic Activities for Physical Education Teachers  2 credit hours
Techniques of teaching fundamental rhythms, creative dance, singing games, rhythm band, square and folk dance, social mixers and ballroom dance.

PE 247 – Nutrition, Health and Safety for Young Children  1 credit hour
This course is designed to provide students with a comprehensive understanding of the nutrition, health, and safety needs of young children from birth to eight years of age. This course will prepare students to address the well-being of diverse young children and their families in a variety of early childhood settings, including family childcare, childcare centers, preschools, and early elementary school settings.

PE 260 – First Aid: Responding to Emergencies  2 credit hours
American Red Cross Standard First Aid and Personal Safety. American Red Cross certificate may be earned.
Additional Course Fee Required

PE 261 – CPR/AED for the Professional Rescuer Instructor  2 credit hours
Successful completion of course may qualify candidate to receive the American Red Cross Standard First Aid and Personal Safety Instructor Authorization.
Additional Course Fee Required

PE 262 – CPR/AED for the Professional Rescuer  1 credit hour
American Red Cross CPR and emergency techniques are taught.
Additional Course Fee Required

PE 264 – Foundation of Athletic Training  2-4 credit hours
American Red Cross designed course providing methods of providing emergency first aid care and injury prevention techniques. Geared mainly to sports and fitness populations.
Total Credits Allowed: 4.00
Additional Course Fee Required

PE 264L – Foundation of Athletic Training Lab  0 credit hours
Take concurrently with PE 264.
Corequisite: PE 264.

PE 265 – Emergency Medical Response  2 credit hours
This course is designed to offer students information and skills that will prepare them for providing basic first aid and life support to individuals suffering from illness or injury. Successful completion of each aspect of the course will qualify each student to be certified by the American Red Cross in Automated External Defibrillator, Professional Rescuer CPR for the Child, Infant and Adult, Oxygen Administration, and Preventing Disease Transmission.
Additional Course Fee Required

PE 270 – Laboratory Experience in Intramurals  1-3 credit hours
Students will be assigned to officiate in the intramural program.
Department Consent Required
Total Credits Allowed: 3.00

PE 280 – Introduction to Sport Management  2 credit hours
This course is designed to give students an understanding and background in the various facets of the sport industry. Students will learn the relevance of sociological, cultural, historical, political, psychological, and legal concepts to the management of sport. This course will provide an overview of sport management by presenting extensive discussions of the foundational aspects of the profession and current topics from the field.

PE 305 – Fitness Leadership  2-3 credit hours
This course will prepare students to become leaders in the fitness industry while obtaining skills necessary to become certified as a personal trainer or group exercise instructor.
Prerequisite: PE 150

PE 310 – Introduction to Human Physiology of Exercise  3 credit hours
Provides a foundation of scientific basis for understanding the body’s anatomical structures and physiologic responses to acute exercise, as well as its adaptations to chronic exercise. Prior coursework in chemistry is recommended, but fundamentals in these areas will be reviewed when necessary. Lecture and lab format.
Additional Course Fee Required

PE 325 – Motor Learning and Development  3 credit hours
Course will address changes in motor behavior over life span with emphasis on childhood through adolescence. Learning of motor skills addressed with particular emphasis on factors of instruction that can be manipulated to ensure acquisition of motor skills.

PE 328 – Water Safety Instructor  3 credit hours
Preparation in management and maintenance of swimming pools and methods of swim instruction. Red Cross Water Safety Instructor Certificate may be awarded at the discretion of instructor.
Additional Course Fee Required

PE 330 – Volleyball Theory  2 credit hours
Offenses and defenses for a high school team. Administration of a complete season of practices and games.

PE 331 – Football Theory  3 credit hours
Techniques, form and training schedules for track and field.

PE 333 – Basketball Theory  3 credit hours
Individual and team play for prospective coaches.

PE 334 – Track Theory  3 credit hours
Techniques, form and training schedules for track and field events, including administration of track meets.

PE 337 – Baseball/Softball Theory  3 credit hours
Skills, strategies, and problems of coaching a high school team.

PE 340 – Non-Rhythmic Physical Education  1 credit hour
Techniques of teaching: Fundamental movement skills, sport skills, low organized games, physical fitness, rope jumping, creative movement.

PE 350 – Therapeutic Modalities in Athletic Training  3 credit hours
Training in the practice and use of a variety of therapeutic modalities in the treatment of athletic injuries will be presented. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.
Prerequisite: PE 174A and PE 405

PE 350L – Modalities in Athletic Training Laboratory  0 credit hours
Take concurrently with PE 350.
Corequisite: PE 350.
PE 360 – Introduction to Anatomical Biomechanics  4 credit hours
Structure and function of the human skeleton, muscles and joints, analysis of human movement as applied to sports and physical education.
Prerequisite: PE 310 or BIOL 215 or BIOL 225 or permission of instructor
Additional Course Fee Required

PE 361 – Integrating Movement and Dance  1 credit hour
This course is about the integration of movement and dance across the pre-school through grade six curriculum.

PE 369 – Remedial and Adaptive Physical Education  2-3 credit hours
Study of physical, mental and emotional impairments which limit human performance. Treatment of injuries and disabilities through remedial exercises. Prior completion of PE 360 is recommended.
Total Credits Allowed: 3.00

PE 370 – Administration of Intramurals  1-3 credit hours
Student will perform administrative responsibility for the intramural program.
Department Consent Required
Total Credits Allowed: 3.00

PE 373 – Field Experience in Secondary School Physical Education  2 credit hours
Student will be assigned as an assistant teacher or coach in an area secondary school. (Credit/No Credit.)
Department Consent Required

PE 374 – Field Experience in University Physical Education  1-3 credit hours
Student will be assigned to assist a UNK instructor with a physical education activity.
Department Consent Required
Total Credits Allowed: 3.00

PE 375 – Rehabilitation Techniques in Athletic Training  4 credit hours
An examination of the basic components of a comprehensive rehabilitation and reconditioning program. Subjects to be covered include: determining therapeutic goals and objectives, methods of evaluating and recording rehabilitation progress, creation and implementation of therapeutic exercise protocol for common athletic injuries and the development of criteria for progression and return to competition.
Prerequisite: PE 174A and PE 174B and PE 405 and PE 406 and PE 264 and PE 350

PE 375L – Rehabilitation Techniques in Athletic Training Laboratory  0 credit hours
Take concurrently with PE 375.
Corequisite: PE 375.

PE 380 – Diagnostic-Prescriptive Techniques for Adapted Physical Education  3 credit hours
Evaluation instruments utilized in adapted physical education will be described and critically analyzed. Students will acquire competencies related to administration of these instruments, interpretation of results, and prescription of remedial or developmental activities.

PE 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

PE 401 – Psychology of Sport  3 credit hours
Study of psychological principles and theories of athletics.

PE 402 – Sociology of Sport  3 credit hours
Background in sport history/philosophy, sport sociology, sport in society, minorities and women in sport, as sport has evolved in American society.

PE 403 – Sports Economics  3 credit hours
In-depth examination of economic impact organized intercollegiate and professional athletics and sports play in lives of individuals communities, institutions and nations. Comprehensive investigation of financial inputs and values into nation's economy from sport and leisure industry and potential for growth.

PE 405 – Athletic Injury Assessment I: Lower Extremities  3 credit hours
A comprehensive study of the commonly accepted techniques used to clinically evaluate athletic injuries/conditions of the trunk and lower extremity, for the purpose of determining the type and severity so that appropriate injury management and referral may occur. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.
Corequisite: PE 310 or PE 360 or BIOL 226.

PE 406 – Athletic Injury Assessment II: Upper Extremities  3 credit hours
A comprehensive study of the commonly accepted techniques used to clinically evaluate athletic injuries/conditions of the head, spine and upper extremity, for the purpose of determining the type and severity so that appropriate injury management and referral may occur. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.
Prerequisite: PE 405

PE 407 – Compliance and Governance in Sport  3 credit hours
With the growing recognition and the critical roles of sport governing bodies, there is a significant need for properly trained sport administrators who wish to occupy leadership positions within the broad organizational setting of sport. This Compliance and Governance in Sport course is designed to provide current or future sport administrators with theoretical and practical knowledge in governance principle and organizational theory, structure, policy, function, and issue involving a wide spectrum of sport organizations today. The evolution of power and political activity engulfing sport organizations is also examined as well as concepts on leadership and management related to the sport administrative contexts. Furthermore, current policy areas facing different types of governing bodies are exposed to broaden the student’s perspective on organizational leaders in the profession.
PE 419 – Pathology of Sport Injury  1 credit hour
Provide and develop fundamental knowledge related to clinical pathology in sports. Primary emphasis will be placed upon the orthopedic aspects of injury and/or pathology related to each tissue structure such as bone, ligament, tendon, muscle, and nerve. Various properties of tissue structures and tissue response will also be analyzed.
Prerequisite: PE 310 or BIOL 225 and BIOL 226

PE 420 – Methods in Health and Physical Education  3 credit hours
Applies principles of teaching elementary and/or secondary school physical education and health.
Prerequisite: Admission to Teacher Education.

PE 421 – Administration of High School Athletics  2 credit hours
Administrative practices with which the high school coach needs to be familiar. Includes regulations of Nebraska School Activities Association.

PE 422 – Essentials of Strength and Conditioning  2 credit hours
This course is designed to provide a comprehensive overview of strength and conditioning. Emphasis is placed on the exercise sciences (including anatomy, exercise physiology, and biomechanics) and nutrition, exercise technique, program design, organization and administration, and testing and evaluation. The class will be divided into two sections for lab to provide students with a greater opportunity for one-on-one instruction and critique. Additionally, this course is designed to prepare students for the nationally accredited Certified Strength and Conditioning Specialist (CSCS) certification exam.
Prerequisite: PE 360 or permission of instructor.
Corequisite: PE 422L.

PE 422L – Essentials of Strength and Conditioning Lab  0 credit hours
Lab for Essentials of Strength and Conditioning.
Prerequisite: PE 360.
Corequisite: PE 422.

PE 425 – Legal Aspects of Sport and Recreation  3 credit hours
Comprehensive examination of legal issues which influence formulation and modification of policies controlling operations of athletics/physical education programs at collegiate level recreation programs, and professional sports programs.

PE 426 – Instructional Strategies in Adapted Physical Education  3 credit hours
Detailed study of effective strategies for integration of handicapped students into activities of the regular class, strategies for individualizing instruction and procedures for implementation of objective-based instruction.

PE 428 – Middle School and High School Physical Education Methods  3 credit hours
Program and techniques for teaching middle and secondary school physical education.
Prerequisite: PE 220

PE 429 – Marketing in Sport, Recreation and Events  3 credit hours
With the growing competitive, recreation, and rapidly changing sport business marketplace, sport organizations need for properly trained marketing professionals to attract and retain consumers, thereby better securing their revenue streams as well as shareholder value. This Marketing in Sport, Recreation and Events course is designed to provide future sport marketing professionals with theoretical and practical knowledge in marketing principles, management, and issues facing the sport industry managers and organizations today. This course will primarily focus on the application of several key marketing strategies and tactics utilized in the contemporary organizations to promote both sport as medium and sport as product. Overall, this course is intended to prepare students who can assume responsible marketing positions with skills of application and demonstration for the complex nature of today's sport business marketplace.

PE 430 – Organization and Administration in Recreation, Sport and Events  3 credit hours
This course is designed to emphasize the desirable skills needed for an administrator in the areas of sport, athletic training, recreation, and event management. Topics to be covered will include management, leadership, organizational development, administration principles, policies and procedures, communication and legal aspects.

PE 441 – Elementary Physical Education Methods  3 credit hours
Teaching and organization activities and methods for elementary grades. Includes consideration of the exceptional child and early childhood education.
Prerequisite: PE 200

PE 450 – Curriculum and Assessment for Physical Education  3 credit hours
Curriculum organization and administrative procedures for a secondary school physical education program. Student should have completed basic sports requirement prior to enrollment.
Prerequisite: PE 100 or PE 221

PE 452 – Exercise Prescription for Special Populations  3 credit hours
Advanced course in clinical exercise testing and prescription relative to disease of the cardiovascular, pulmonary, metabolic, musculoskeletal, neuromuscular, and immunologic systems. The course is designed to provide students a basic understanding of the pathophysiology and exercise response in these populations while following the American College of Sports Medicine guidelines. The course will also focus on understanding diagnostic techniques and treatments practiced in each subcategory. Special attention will be given to applicable exercise assessment techniques used in exercise settings.
Prerequisite: Grade of C or better in PE 467 or instructor permission.

PE 459 – Special Topics Gross Anatomy  3 credit hours
Designed for in-depth understanding of anatomy as it relates to movement or work. Student will utilize and assist in dissection of human cadavers.
Total Credits Allowed: 6.00
Prerequisite: PE 360 or BIOL 225 and BIOL 226
Additional Course Fee Required

PE 460 – Gross Anatomy of Movement  3 credit hours
Designed for in-depth understanding of anatomy as it relates to movement or work. Student will utilize and assist in dissection of human cadavers.
Prerequisite: PE 360 or BIOL 225 and BIOL 226
Additional Course Fee Required
PE 461 – Physiology of Exercise  4 credit hours
Physiological processes of body as pertain to physical activity. How trained and untrained individuals differ, and importance of training. Department Consent Required
Prerequisite: Grade of "C" or above in PE 310 or BIOL 215 or BIOL 226 and by permission only
Additional Course Fee Required

PE 463 – Health Safety Elem School  3 credit hours
Curriculum development, teaching methods and selection of learning materials for health instruction in the elementary school. Prerequisite: PE 160 or PE 150

PE 464 – School Health Methods  3 credit hours
This course provides the background information and skills teachers need to implement a comprehensive school health curriculum at the elementary and/or the secondary school level. The course includes information on the six categories of risk behavior, identified by the Centers for Disease Control and Prevention. The course examines educational reform focusing on improving the health of today's youth. Prerequisite: PE 160 or PE 150

PE 467 – Fitness Testing  4 credit hours
Techniques and theory of testing for personal fitness. Measures include vital capacity, body density, stress testing, aerobic and anaerobic fitness. Prerequisite: Grade of C or above in PE 461
Additional Course Fee Required

PE 468 – Public Health Aspects of Physical Activity  3 credit hours
Trends and situations in sport, fitness and wellness settings with practical applications from exercise physiology. Department Consent Required
Prerequisite: A grade of "C" or above in PE 329 and PE 467 or permission of the instructor

PE 469 – Sports Nutrition  3 credit hours
Metabolism and metabolic regulation, the influence of dietary practices on human performance. Prerequisite: Grade of C or above in PE 461 and FAMS 110 or permission of instructor
Additional Course Fee Required

PE 470 – General Medical Conditions and Pharmacological Application in Sport and Exercise  2 credit hours
This course will offer students an opportunity to learn about pathological factors that are involved in general medical conditions that affect athletes and performance. Use of prescription and over-the-counter medications by the sports medicine professionals in treating a wide variety of conditions will also be presented. This course is intended to build upon a sound knowledge of exercise physiology and injury/illness conditions. Prerequisite: PE 461 and PE 467

PE 471 – Field Experience in Health & Physical Education  2 credit hours
Supervised practical experiences in elementary school physical education. Prerequisite: PE 420 or PE 441 or PE 464. Corequisite: TE 319.

PE 471A – Field Experience in Elementary Physical Education  2 credit hours
Supervised practical experiences in elementary school physical education. Prerequisite: PE 441 and Admission to Teacher Education Program or instructor permission

PE 471B – Field Experience in Middle School and Secondary PE  2 credit hours
Supervised practical experiences in middle and high school physical education. Prerequisite: PE 428 and Admission to Teacher Education Program or instructor permission

PE 471C – Field Experiences in 7-12 Health  2 credit hours
Supervised practical experiences in middle and high school health classes. Prerequisite: PE 464 and Admission to Teacher Education Program or instructor permission

PE 473 – Special Topics in Exercise Nutrition  3 credit hours
The format of this course will vary depending on the topic and instructor, yet all courses will focus on the role of nutrition in health, wellness, or sports performance. (This course is repeatable for credit when a different topic is covered)
Total Credits Allowed: 6.00
Prerequisite: FAMS 110 and a grade of "C" or above in PE 461 or permission of instructor

PE 475 – Research Methods in Exercise Science  3 credit hours
This course is designed to introduce advanced undergraduate students to the processes of research in the field of Exercise Science including the processes of finding, reading and understanding Exercise Science research; data collection; data analysis; and data interpretation. Prerequisite: STAT 241 and a grade of "C" or above in PE 467

PE 476 – Seminar and Practicum in Adapted Phys Ed  3 credit hours
Culminating course in adapted physical education program providing program delivery methods and practicum experiences.

PE 488 – Senior Seminar in Health & Physical Education  1 credit hour
Designed to provide the students in their final year of study an opportunity to review and discuss all program studies to prepare for the PRAXIS II examination. Specific assigned readings and projects will be conducted in order to reach a level of pre-test readiness. Department Consent Required
Prerequisite: Senior status and permission of instructor

PE 496 – Professional Readiness in Exercise Science  1 credit hour
This course will focus on the evaluation of community programming while determining the student’s preparedness to enter the field. Prerequisite: Senior standing

PE 498 – Special Topics  1-3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor, and the needs of the student.
Total Credits Allowed: 6.00

PE 499 – Senior Seminar in Athletic Training  1 credit hour
Designed to provide the students in their final year of study an opportunity to review and discuss all program studies to prepare for the NATABOC certification examination. Specific assigned readings and projects will be conducted in order to reach a level of pre-test readiness. Prerequisite: PE 174E and PE 375
Physics (PHYS)

PHYS 100 – Physical Science  3 credit hours
An introduction to the natural laws governing the physical world, with emphasis upon the development of these laws and their effect upon man. The course should instill a basic understanding of physical science; the scientific methods of physics, chemistry, geology, and astronomy. With this understanding, the student should be able to solve simple problems dealing in these areas. The student should realize how these areas are used in modern technology. Finally, the student should be able to make informed choices in their daily lives regarding issues of science and technology.
Prerequisite: ACT Math Score of 17 or above or completion of MATH 101 or above with a grade of C or above.
Corequisite: PHYS 100L.

PHYS 100L – Physical Science Laboratory  1 credit hour
A laboratory experience in physical science (mechanics, thermodynamics, chemistry, electricity, magnetism, optics, and astronomy) to accompany PHYS100
Corequisite: PHYS 100.

PHYS 107 – Physical Science for Elementary Teachers  4 credit hours
An introduction to physics and chemistry designed for Elementary Education majors where basic concepts will be emphasized. The laboratory will focus on experiments that can be used to illustrate the essentials of the disciplines. Laboratory safety, scientific methodology, and problem solving will also be emphasized.
Prerequisite: MATH ACT score of 17 or greater or MATH 101 with a grade of C or above.

PHYS 123 – Freshman Physics Seminar  3 credit hours
Introductory course in physics, offering the students an overview of careers in physics and the research of the faculty in the Department of Physics and Astronomy. The course will help students succeed in physics by helping them develop problem solving and mathematics skill. An experimental approach will be taken to a broad range of exciting contemporary ideas. The topics covered range from simple geometric optics, the speed of light, and analysis of motion, to the photoelectric effect. This is a studio course, a blend of laboratory and lecture format, with a focus on a hands-on approach to the topics.
Corequisite: MATH 103 or MATH 115 or MATH 202.

PHYS 131H – Newton’s Universe  4 credit hours
This course is designed to provide students with an understanding and appreciation of science as a human activity, its historical role in shaping our self and world views, its impact on the human condition, and its philosophical implications for their ultimate destiny. An associated laboratory, using inquiry-oriented activities, allows students to experience the process of science.

PHYS 135 – Science of Sound and Music  3 credit hours
This course will address the how and why aspects of sound and music. It is intended to be a journey from the starting point where a sound is produced in an instrument, to the overtones produced by the instrument, and ultimately through its reception and enjoyment in the mind. We will discuss the mathematical and physical basis for common musical scales and how musical instruments are designed to produce musical notes for these scales. This course is designed for students majoring in Music, Speech and Hearing, Audio Technology, and Telecommunications, as well as other students having a general interest in the physics of sound and music.
Prerequisite: MATH 102 or higher.
Corequisite: PHYS 155L.

PHYS 155L – Science of Sound and Music Laboratory  1 credit hour
A laboratory experience into the physical science of sound and music to accompany PHYS155.
Corequisite: PHYS 155.

PHYS 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: MATH 102 or Math ACT score of 20 or above or MATH 101 or English ACT score of 15 or greater and freshman or sophomore standing.

PHYS 201 – Earth Science  4 credit hours
Inquiry activities are used to teach basic concepts of meteorology, geology, and astronomy. Emphasis is placed on process and critical thinking skills as well as on environmental issues.
Additional Course Fee Required

PHYS 205 – General Physics I  4 credit hours
Students will study the fundamental laws of mechanics, thermodynamics, and waves at a level suitable for those with knowledge of algebra. We will develop concepts and formalism in these areas. With this understanding, the student will be able to solve simple problems. Also, the student should realize how these areas are used in modern technology and connected to other disciplines. The primary audience for this class are those not specifically interested in advanced work in physics or chemistry.
Prerequisite: MATH 102 with a grade of B+ or above or MATH 103 with a grade of B+ or above or MATH 115 or Math ACT score of 20 or above.
Corequisite: PHYS 205L.

PHYS 205L – Physics I Laboratory  1 credit hour
A laboratory experience in mechanics, thermodynamics, and waves to accompany PHYS 205
Corequisite: PHYS 205.
Additional Course Fee Required
**PHYS 206 – General Physics II  4 credit hours**
A continuation of PHYS205. The course will present an elementary understanding of electricity and magnetism, light and optics, relativistic physics and quantum physics. We will develop concepts and formalism in these areas. With this understanding, the student will be able to solve simple problems. Also, the student will realize how these areas are used in modern technology and connected to other disciplines.  
Prerequisite: PHYS 205 and PHYS 205L.  
Corequisite: PHYS 206L.  
Additional Course Fee Required

**PHYS 206L – Physics Laboratory II  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS206.  
Corequisite: PHYS 206.  
Additional Course Fee Required

**PHYS 209 – Meteorology  3 credit hours**
Basic principles of the science associated with the atmosphere including atmospheric structure, dynamics, and processes. Topics include atmospheric energy balance, cloud and precipitation process, dynamical stability, local and global wind dynamics, weather forecasting, meteorological instruments, storm development, climate change, and applications of meteorology to agriculture, aviation, and environmental issues.  
Prerequisite: Math 102 or permission of instructor  
Enrollment not allowed in PHYS 209 if GEOG 209 has been completed

**PHYS 210 – Astronomy  3 credit hours**
The goal of this course is to introduce students to the growth of knowledge about our universe. Topics include: the Earth, Moon, planets, Sun, stars, galaxies and cosmology. The course uses the resources of the UNK planetarium and observatory.  
Prerequisite: MATH 102

**PHYS 210L – General Astronomy Laboratory  1 credit hour**
Fundamentals of astronomical observation, the use of introductory astronomical instruments, and application of charts and almanacs to finding one’s way about the night sky.  
Prerequisite: Concurrent enrollment or completion of PHYS 210 or PHYS 211 or consent of instructor

**PHYS 211 – Planetary Astronomy  3 credit hours**
Examination of the Sun’s family of nine planets, attendant satellites, and interplanetary debris; processes at work in the Solar System; search for planets elsewhere in the Galaxy. This course uses the resources of the UNK planetarium and observatory.  

**PHYS 213 – Electrical Circuits I  3 credit hours**
Introduction to electrical circuit theory and analysis techniques. DC circuits and transient circuit responses are studied with an emphasis on computer-aided simulation and analysis. Inductors, capacitors and transformers are studied within the context of transient circuit responses.  
Prerequisite: MATH 202

**PHYS 213L – Introductory Electrical Laboratory I  1 credit hour**
Take concurrently with PHYS 213.  
Corequisite: PHYS 213.  
Additional Course Fee Required

**PHYS 213L – Introductory Electrical Laboratory I  1 credit hour**
Corequisite: PHYS 213.  
Additional Course Fee Required

**PHYS 214 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS214.  
Corequisite: PHYS 214.  
Additional Course Fee Required

**PHYS 215 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS215.  
Corequisite: PHYS 215.  
Additional Course Fee Required

**PHYS 216 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS216.  
Corequisite: PHYS 216.  
Additional Course Fee Required

**PHYS 217 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS217.  
Corequisite: PHYS 217.  
Additional Course Fee Required

**PHYS 218 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS218.  
Corequisite: PHYS 218.  
Additional Course Fee Required

**PHYS 219 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS219.  
Corequisite: PHYS 219.  
Additional Course Fee Required

**PHYS 220 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS220.  
Corequisite: PHYS 220.  
Additional Course Fee Required

**PHYS 221 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS221.  
Corequisite: PHYS 221.  
Additional Course Fee Required

**PHYS 222 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS222.  
Corequisite: PHYS 222.  
Additional Course Fee Required

**PHYS 223 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS223.  
Corequisite: PHYS 223.  
Additional Course Fee Required

**PHYS 224 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS224.  
Corequisite: PHYS 224.  
Additional Course Fee Required

**PHYS 225 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS225.  
Corequisite: PHYS 225.  
Additional Course Fee Required

**PHYS 226 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS226.  
Corequisite: PHYS 226.  
Additional Course Fee Required

**PHYS 227 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS227.  
Corequisite: PHYS 227.  
Additional Course Fee Required

**PHYS 228 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS228.  
Corequisite: PHYS 228.  
Additional Course Fee Required

**PHYS 229 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS229.  
Corequisite: PHYS 229.  
Additional Course Fee Required

**PHYS 230 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS230.  
Corequisite: PHYS 230.  
Additional Course Fee Required

**PHYS 231 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS231.  
Corequisite: PHYS 231.  
Additional Course Fee Required

**PHYS 232 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS232.  
Corequisite: PHYS 232.  
Additional Course Fee Required

**PHYS 233 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS233.  
Corequisite: PHYS 233.  
Additional Course Fee Required

**PHYS 234 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS234.  
Corequisite: PHYS 234.  
Additional Course Fee Required

**PHYS 235 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS235.  
Corequisite: PHYS 235.  
Additional Course Fee Required

**PHYS 236 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS236.  
Corequisite: PHYS 236.  
Additional Course Fee Required

**PHYS 237 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS237.  
Corequisite: PHYS 237.  
Additional Course Fee Required

**PHYS 238 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS238.  
Corequisite: PHYS 238.  
Additional Course Fee Required

**PHYS 239 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS239.  
Corequisite: PHYS 239.  
Additional Course Fee Required

**PHYS 240 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS240.  
Corequisite: PHYS 240.  
Additional Course Fee Required

**PHYS 241 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS241.  
Corequisite: PHYS 241.  
Additional Course Fee Required

**PHYS 242 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS242.  
Corequisite: PHYS 242.  
Additional Course Fee Required

**PHYS 243 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS243.  
Corequisite: PHYS 243.  
Additional Course Fee Required

**PHYS 244 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS244.  
Corequisite: PHYS 244.  
Additional Course Fee Required

**PHYS 245 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS245.  
Corequisite: PHYS 245.  
Additional Course Fee Required

**PHYS 246 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS246.  
Corequisite: PHYS 246.  
Additional Course Fee Required

**PHYS 247 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS247.  
Corequisite: PHYS 247.  
Additional Course Fee Required

**PHYS 248 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS248.  
Corequisite: PHYS 248.  
Additional Course Fee Required

**PHYS 249 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS249.  
Corequisite: PHYS 249.  
Additional Course Fee Required

**PHYS 250 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS250.  
Corequisite: PHYS 250.  
Additional Course Fee Required

**PHYS 251 – Physics Laboratory I  1 credit hour**
A laboratory experience in electricity, magnetism, and optics to accompany PHYS251.  
Corequisite: PHYS 251.  
Additional Course Fee Required
PHYS 347 – Modern Physics II 4 credit hours
A continuation of PHYS 346. Introductory concepts in quantum mechanics and quantum statistics will be treated. Other areas of emphasis will include atomic structure solid state and nuclear physics. Prerequisite: PHYS 346
Additional Course Fee Required
PHYS 350 – Astrophysics I 3 credit hours
This course addresses how the principles of physics can be used to understand a variety of astrophysical objects and phenomena. Topics include the physics of photon emission and absorption, stellar evolution of stars from birth to death including stellar end-states such as blackholes and supernovae, clusters of stars, and the structure of the Milky Way. Prerequisite: PHYS 346 or permission of instructor
PHYS 351 – Astrophysics II 3 credit hours
This course continues the study of astrophysical objects and phenomena. Topics include galactic astronomy, large scale structure of the Universe, and cosmology. Prerequisite: PHYS 350
PHYS 360 – Astronomy Methods I 3 credit hours
This course addresses the computational methods used in astronomy. Modern astronomy has moved beyond observations made locally at telescopes. Handling large datasets, using scripts to mine data, and computational modeling methods are all important tools for modern astronomers. Topics addressed in this course will include writing scripts in Linux and Python, modeling data, presentation of data, mining data from large surveys, and computational analysis methods. The lab will focus on the use of computational tools. Prerequisite: PHYS 346 or permission of instructor
PHYS 361 – Astronomy Methods II 3 credit hours
This course addresses the observational methods used in astronomy. Modern astronomy has moved beyond observations made locally at telescopes. Handling large datasets, using scripts to mine data, and computational modeling methods are all important tools for modern astronomers. Topics addressed in this course will include writing scripts in Linux and Python, modeling data, presentation of data, mining data from large surveys, and computational analysis methods. The lab will focus on the use of the UNK telescope to make observations to measure stellar properties. Prerequisite: PHYS 360
PHYS 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.
PHYS 388L – GS Capstone Lab 1 credit hour Corequisite: PHYS 388. Additional Course Fee Required
PHYS 399 – Internship 1-4 credit hours
This course emphasizes the professional development of the student in the area of the student’s interest. Students should contact a department faculty member who would agree to supervise the work for the semester. A written work plan must be approved by the department chair. Total Credits Allowed: 4.00
PHYS 402 – Analytic Mechanics 4 credit hours
Advanced applications of classical nonrelativistic mechanics. Topics include dynamics of a system of particles, motion in noninertial reference frames, properties of three-dimensional rotations and tensors, dynamics of rigid bodies, and coupled oscillations. The course ends with an introduction to the mechanics of continuous media and applications to fluid dynamics and elasticity. Prerequisite: PHYS 410 and MATH 305 or permission of Instructor
PHYS 407 – Electricity & Magnetism 4 credit hours
Review of Maxwell's equations, electromagnetic fields, and vector calculus. Physical and mathematical properties of static electric and magnetic fields. Topics include electrostatics, electric potential, energy of the electrostatic field, conductors, Laplace's and Poisson's equations, boundary values problems, multipole expansions, dielectric media, magnetostatics, the vector potential, electromagnetic waves (in a vacuum, in infinite linear media, and in bounded regions), optical dispersion in material media, and electromagnetic radiation. Prerequisite: PHYS 410 and MATH 305 or permission of Instructor
PHYS 410 – Mathematical Techniques in Physics I 3 credit hours
A formal development of selected topics from infinite series, determinants and matrices, partial differentiation, vector analysis, Fourier series, functions of a complex variable, and coordinate transformations. Prerequisite: MATH 260 or permission of instructor
PHYS 411 – Mathematical Techniques in Physics II 3 credit hours
A development of series solution of differential equations, partial differential equations, tensor analysis, asymptotic series, integral transforms, and operators. Prerequisite: PHYS 410
PHYS 419 – Quantum Mechanics 4 credit hours
A formal development of the principles of quantum mechanics. The mathematics of Hamiltonian Mechanics are presented as a bridge from Classical Physics to Quantum Physics. Topics include time-dependent quantum mechanics and spectroscopy, perturbation theory, two-level systems, light-matter interactions, relaxation in quantum systems, correlation functions and linear response theory, applications to atomic and molecular physics. Prerequisite: PHYS 410
PHYS 420 – Advanced Physics Laboratory 3 credit hours
An application and investigation of advanced physical topics in the laboratory. Techniques of experimental physics, such as computerized instrumentation, vacuum technology, optics, and electron optics will be applied to investigate various areas of advanced physics. Proper data reduction and analysis will be used to yield meaningful measurements. Intended as laboratory course to prepare the student for more advanced, independent experimental lab work. Laboratory 3 hours. Prerequisite: PHYS 410 and PHYS 323
PHYS 423 – Electronics 4 credit hours
A continuation of PHYS 323 covering feedback, noise reduction, high frequency circuits and electro-optical devices. Prior completion of ITEC 482 is recommended. Prerequisite: PHYS 323 or equivalent
PHYS 430 – Advanced Physics Laboratory 3 credit hours
A formal development of the principles of quantum mechanics. The mathematics of Hamiltonian Mechanics are presented as a bridge from Classical Physics to Quantum Physics. Topics include time-dependent quantum mechanics and spectroscopy, perturbation theory, two-level systems, light-matter interactions, relaxation in quantum systems, correlation functions and linear response theory, applications to atomic and molecular physics. Prerequisite: PHYS 410
PHYS 440 – Optics 3 credit hours
Geometric and wave optics including optical instruments. Prior completion of MATH 305 is recommended. Prerequisite: PHYS 276 and PHYS 276L and PHYS 410
PHYS 435 – Solid State Physics  3 credit hours  
An introduction to the physics governing the crystalline state of matter. Modern theories describing lattice vibrations, energy bands, crystal binding, and optical properties are presented. These ideas are then applied to the understanding of technologically important areas such as superconductivity, doped semiconductors, ferroelectric materials, and photo-refractive. 
Prerequisite: PHYS 410

PHYS 440 – Thermodynamics and Statistical Mechanics  3 credit hours  
The study of temperature, heat and work, the laws of thermodynamics, heat engines, including the Carnot, Cycle, Maxwell relations, and an introduction to statistical thermodynamics. 
Prerequisite: Concurrent enrollment or completion of PHYS 410

PHYS 446 – Modern Physics for High School Teachers  4 credit hours  
An advanced study of selected topics in electricity and modern physics including introductory concepts in atomic and nuclear physics. Research or design of educational projects will be used to aid in explaining these areas. 
Prerequisite: Either PHYS 205 and PHYS 205L and PHYS 206 and PHYS 206L or PHYS 275 and PHYS 275L and PHYS 276 and PHYS 276L

PHYS 456 – Regional Field Studies  1-4 credit hours  
Includes visits to specialized research or scientific centers, or expeditions to observe or study special events such as solar eclipses.
Total Credits Allowed: 4.00

PHYS 471 – Methods in Secondary Science Teaching  3 credit hours  
This course focuses on the latest trends in science teaching. Emphasis is placed on designing demonstrations, laboratory investigations, test items and other components that promote process and critical thinking skills. Computers are utilized extensively in these activities. 
Prerequisite: Admission to Teacher Education Enrollment in PHYS 471 is not allowed if BIOL 471 has been completed.

PHYS 472 – Science Curricula  1-3 credit hours  
History of science curricula, introduction to the specifics of selected science curricula, experience working with science curricula materials in junior high or senior high school as well as exposure to several teaching strategies. 
Total Credits Allowed: 3.00

PHYS 490 – Special Topics  1-4 credit hours  
Topics are studied which are not covered in other courses offered by the department. The format will vary depending upon the nature of the topic and the instructor but will typically be a lecture/demonstration format with laboratory work included as appropriate. 
Department Consent Required 
Total Credits Allowed: 9.00

PHYS 495 – Research in Physics  1-3 credit hours  
Students work on an undergraduate research project under the guidance of a faculty member. 
Department Consent Required 
Total Credits Allowed: 6.00

PHYS 496 – Practicum in Physics Education  1-3 credit hours  
For each credit hour the student will spend approximately three hours per week working as a classroom assistant in an activity-based class and/or doing physics education research. 
Total Credits Allowed: 3.00 
Prerequisite: PHYS 205 and PHYS 205L and PHYS 206 and PHYS 206L and PHYS 275 and PHYS 275L and PHYS 276 and PHYS 276L or permission of instructor.

PHYS 498 – Senior Seminar in Physics  3 credit hours  
A senior capstone class for physics majors, completing research started in previous semesters of PHYS495. Students will write a senior paper and make a presentation at the end of the semester based on their undergraduate research experiences. 
Prerequisite: 3 hours of PHYS 495

PHYS 499 – Problems in Physical Science  1-3 credit hours  
Independent investigation of physical science problems. Three hours of laboratory work each week for each hour of credit.
Department Consent Required 
Total Credits Allowed: 3.00

Political Science (PSCI)

PSCI 110 – Introduction to American Politics  3 credit hours  
An introductory study of the constitutional framework of American politics, and how it has evolved. Contemporary institutions and processes of the American federal democratic republic are also examined in considerable detail.

PSCI 140 – Democracies Around the World  3 credit hours  
Compares how democracy is practiced in various countries around the world, compares democratic governance to non-democratic, and considers the prospects for democratizing non-democratic countries.

PSCI 156 – Regional Field Study  1-4 credit hours  
Designed to provide the student with a firsthand knowledge of the political culture and governmental institutions of a U.S. region other than the Midwest or foreign country or region. Students wishing to take this course must obtain written approval in advance from the Department Chair. 
Total Credits Allowed: 4.00

PSCI 168 – Introduction to International Relations  3 credit hours  
A study of contemporary international relations, the changing global system, the role of the nation-state and other actors, the means and ends of power, the causes and consequences of war, and the perennial pursuit of peace.

PSCI 170 – Democracy as a Political Idea  3 credit hours  
Examines the contested meanings of the concept "democracy", such as contestation between liberals and conservatives and socialists, and traces democracy's development as a political ideal.

PSCI 188 – GS Portal  3 credit hours  
A portal course. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a Portal course.

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broader human rights movement. Of enforcement and cultural relativism have served as barriers to the NGOs and other local actors (scholars, judges, citizen activists, etc.) and movement. In particular, we will address the importance of states, IGOs, have been involved in influencing the evolution and character of from its inception to today, the obstacles that remain, and the various problems and challenges in developing national institutions; patterns of socialization and national identities; building viable national institutions; the nature of political participation and exit strategies; and economic influences on political stability/instability will be analyzed and. The course is essentially a comparison of the political systems of developing nations in Africa, the Middle East, Asia, and Latin America. The course also examinations of the environment as a public policy issue. Contemporary case studies of environmental policy concerning water, air, land use, habitat protection, climate change, and the like will be used to develop an understanding of the political, legal, and ethical aspects of public policy on environmental matters. This course examines the role of the United Nations within the international system. We will explore its history and structure as well as the various opportunities and challenges that it faces in shaping the international system today. Emphasis will be placed on the main bodies (Security Council, General Assembly, ECOSOC, UN Secretariat and Secretary-General) and agencies that operate within the United Nations and analyzing how well the UN has addressed issues such as international peace and security, human rights, the environment, global poverty, genocide and peacekeeping, among others. Attention will be given, in particular, to how the United Nations might be reformed to improve its overall effectiveness. A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines. Total Credits Allowed: 6.00 A study of landmark Supreme Court cases and their impact on American institutions, policies, and processes. Assumes basic knowledge of American government and judicial process. This course explores the emergence and development, in the immediate aftermath of World War II, of an international movement dedicated to the promotion and enforcement of human rights around the world. Beginning with the UN Charter (1945) and the subsequent Universal Declaration of Human Rights (1948), the international community sought to create a system of norms, laws and institutions focused on not only preventing the horrors of the Holocaust from happening again, but to also establish a set of universal rights and protections for all individuals, regardless of nationality, race, religion, gender, etc. With this in mind, we will examine the broader goals and accomplishments of this movement from its inception to today, the obstacles that remain, and the various actors and institutions, at both the national and international levels, that have been involved in influencing the evolution and character of the movement. In particular, we will address the importance of states, IGOs, NGOs and other local actors (scholars, judges, citizen activists, etc.) and explore how state sovereignty, concerns over national security, the issue of enforcement and cultural relativism have served as barriers to the broader human rights movement.

PSCI 212 – Introduction to Public Administration 3 credit hours
An introduction to the core functions of public administration in the United States. Includes analysis of the controversies involved in organizing, staffing, and making public policy in executive branch agencies. Explores how executive branch agencies operate and interact within the broader political system (composed of Congress, the presidency, the courts, interest groups, political parties, and the news media). Assumes basic knowledge of American politics and government.

PSCI 252 – The Courts and the Judicial Process 3 credit hours
A broad examination of the judicial branch, including the relevant legal and constitutional concepts, institutions, and processes. Assumes basic knowledge of American government.

PSCI 269 – The Institutions and Processes of the United Nations 3 credit hours
This course examines the role of the United Nations within the international system. We will explore its history and structure as well as the various opportunities and challenges that it faces in shaping the international system today. Emphasis will be placed on the main bodies (Security Council, General Assembly, ECOSOC, UN Secretariat and Secretary-General) and agencies that operate within the United Nations and analyzing how well the UN has addressed issues such as international peace and security, human rights, the environment, global poverty, genocide and peacekeeping, among others. Attention will be given, in particular, to how the United Nations might be reformed to improve its overall effectiveness.

PSCI 280H – Special Topics 3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines. Total Credits Allowed: 6.00

PSCI 300 – American Constitutional Law 3 credit hours
A study of landmark Supreme Court cases and their impact on American institutions, policies, and processes. Assumes basic knowledge of American government and judicial process.

PSCI 320 – Politics and Law of International Human Rights 3 credit hours
This course explores the emergence and development, in the immediate aftermath of World War II, of an international movement dedicated to the promotion and enforcement of human rights around the world. Beginning with the UN Charter (1945) and the subsequent Universal Declaration of Human Rights (1948), the international community sought to create a system of norms, laws and institutions focused on not only preventing the horrors of the Holocaust from happening again, but to also establish a set of universal rights and protections for all individuals, regardless of nationality, race, religion, gender, etc. With this in mind, we will examine the broader goals and accomplishments of this movement from its inception to today, the obstacles that remain, and the various actors and institutions, at both the national and international levels, that have been involved in influencing the evolution and character of the movement. In particular, we will address the importance of states, IGOs, NGOs and other local actors (scholars, judges, citizen activists, etc.) and explore how state sovereignty, concerns over national security, the issue of enforcement and cultural relativism have served as barriers to the broader human rights movement.

PSCI 325 – Individual Liberties and Civil Rights 3 credit hours
An investigation of criminal, political, and racial justice with emphasis on the role of the Supreme Court in the protection of the basic freedoms in American society. Selected case studies will examine areas of conflict between the rights of the individual and of society. Assumes basic knowledge of American government and constitutional law. Prerequisite: PSCI 300 or permission of instructor

PSCI 332 – Environmental Politics & Policy 3 credit hours
This course examines the environment as a public policy issue. Contemporary case studies of environmental policy concerning water, air, land use, habitat protection, climate change, and the like will be used to develop an understanding of the political, legal, and ethical aspects of public policy on environmental matters.

PSCI 333 – The Politics and Policy of Health Care 3 credit hours
An examination of current government policies, policy alternatives, and political interests that complicate the development and implementation of health policies in the United States.

PSCI 340 – Topics in Comparative Politics 3 credit hours
This course is an in-depth examination of a special topic in the subfield of comparative politics (e.g., Comparative Electoral Systems). May be repeated with different topics, up to 6 hours. Total Credits Allowed: 6.00

PSCI 341 – Politics of the Drug War 3 credit hours
This course examines theoretical frameworks and empirical research about the interaction between illegal drugs and politics. It provides an overview specifically of the U.S. war on drugs, its history and consequences for democratic politics and development in the United States, Latin America and other regions of the world. The course also examines potential alternatives to U.S. drug policy, including drug legalization and drug decriminalization.

PSCI 342 – Politics of Globalization 3 credit hours
This course explores the process of globalization - the various political, economic, cultural, and social changes that have, and continue to, transform our world. The goal of the course is to clarify what globalization is and how it is affecting societies around the world. For instance, the course focuses on issues such as global trade, the global spread of Western values and ideas, threats to the power of nation-states as well as the existence of transnational social movements.

PSCI 344 – Politics of the Developed World 3 credit hours
A comparative study of politics and government in the major industrial democracies. The United Kingdom, France, Germany, and Japan are featured; assumes basic knowledge of American government.

PSCI 345 – Politics of the Developing World 3 credit hours
The course is essentially a comparison of the political systems of developing nations in Africa, the Middle East, Asia, and Latin America. Problems and challenges in developing national institutions, patterns of socialization and national identities; building viable national institutions; the nature of political participation and exit strategies; and economic influences on political stability/instability will be analyzed and investigated.

PSCI 346 – Latin American Politics 3 credit hours
A study of politics and government in contemporary Latin America. Case studies focusing on particular Latin American nations will be used to illustrate broader patterns and trends. Attention will also be given to perceptions of the United States in the region, as well as to contemporary relations between key countries in Latin America and the United States, Soviet Union, Western Europe, and Asia.
PSCI 347 – Comparative Political Behavior 3 credit hours
A study of mass political behavior from a cross-national perspective. Topics addressed include: political participation, voting behavior, social capital, nationalism, cultural shifts, support for democracy, and world culture.

PSCI 348 – Military Politics and Civil-Military Relations 3 credit hours
The military stands among the most significant actors within the politics of countries in the developed and developing world. Historically, the armed forces have played multiple roles, including nation-builder, defender of the state and national heritage, government, ideological indoctrinator, social reformist, repressor, interest group, vocational trainer, and business class. The military retains many of these roles in the United States, Latin America and Africa. Its position within the United States has historically not been as dramatic as in other countries, however its influence upon U.S. defense and budgetary policy is substantial as well as its influence upon U.S. political culture in general. In the first part of this class we will seek to understand the role of the U.S. military in U.S. politics and the interactions between civil society and civilian authorities with the armed forces. The second part of the class addresses the military’s role in directly governing and/or regularly undermining the establishment of consolidated democracies in Latin America and Africa. Finally, in the last part of the class we will examine the large role played by the military in the democratization process, specifically its historical role in U.S. democracy promotion projects.

PSCI 351 – The American Congress 3 credit hours
A study of the operation of the legislative branch of the US government, the motives and methods of legislators, the interactions between the two houses of Congress, and the interplay of checks and balances in relations between the legislative branch and other branches. This course is often taught using a joint simulation on legislative policymaking with students in PSCI 366: Political Parties and Interest Groups. Assumes basic knowledge of American government.

PSCI 352 – The American Presidency 3 credit hours
A study of the executive branch of the U.S. government, with particular attention to the presidency, its evolution and its constitutional roles in the system of checks-and-balances. Special attention is given to leadership style and to the functions of the modern presidency. Case studies will be used to illustrate how different presidents have interpreted their powers and discharged their duties.

PSCI 353 – Race & Politics 3 credit hours
A comparative and analytical study of race and politics in the United States. Theories of race and their role in shaping public understandings, social mobilization, and governmental policy. Particular attention will be given to the social construction of race and the political implications of theories of whiteness, African Americans, Native Americans, and Latinos.

PSCI 355 – Public Budgeting 3 credit hours
Government budgets are statements of social value. What kind of economic activity a government chooses to tax, and how those resources are spent, both reflect a government’s priorities and the political pressures it must accommodate. This class examines how governments in the United States make budgetary decisions. Special attention will be paid to the political influences on budgeting, the budget-making processes employed by executives and legislatures, and the social, political and economic consequences of those decisions.

PSCI 356 – Public Personnel Administration 3 credit hours
This course examines the politics and policies that govern human resources management in United States governments. In particular, the course surveys the major functions of public personnel administration: recruitment, hiring, compensation and evaluation, and analyzes how these are adapted in the public sector to reflect political influences. The course also reviews the historical development of civil service systems.

PSCI 357 – Public Management 3 credit hours
This course uses a case-study approach to understand how leaders in executive branch agencies navigate their organizational environments to implement public policy. Specific topics include: organizational structure and culture, accountability to elected officials and the rule of law, and tools for managerial analysis.

PSCI 360 – Topics in American Politics 3 credit hours
This course is an in-depth examination of a special topic in American politics (e.g., Presidents and the Press). May be repeated for different topics, up to 6 hours.

Total Credits Allowed: 6.00

PSCI 361 – State and Local Government 3 credit hours
A comparative study of state and local governments in the United States. Case studies are used to illustrate important variations; Nebraska’s unique unicameral legislature and nonpartisan state elections are given special attention. Assumes basic knowledge of American government.

PSCI 362 – Dynamics of Humanitarian Crises and Global Society 3 credit hours
The main goal of this course is to systematically examine the psychological impacts of these crises on global society. By revealing psychological dynamics surrounding humanitarian crises, this proposed course examines the flaws of global society. Furthermore, this course encourages students to propose possible solutions to the problems of global society through a variety of exercises and assignments.

PSCI 365 – Campaigns and Elections 3 credit hours
A study of the structures and processes that affect the selection of elected officials in the United States, focusing on congressional and presidential elections. Special attention is given to the mass media as the primary intermediaries between citizens and candidates for political office.

PSCI 366 – Political Parties and Interest Groups 3 credit hours
A study of the voluntary associations that serve as primary sites for political participation in American politics. The functions of organized interests in representation and lobbying are the primary focus, as well as the functions of political parties in coordinating officials within and between branches of government. This course is often taught using a joint simulation on legislative policymaking with students in PSCI 351: The American Congress. Assumes basic knowledge of American government.

PSCI 367 – Human Security and Global Peacekeeping 3 credit hours
This course introduces students to the issues of human security and global peacekeeping. By examining a series of topics that are closely related to these matters, this class intends to promote the ability to critically analyze various conflicts around the world. Through class exercises and writing assignments, students are expected to develop their skills in constructing arguments and making political judgments in the field of international security.
This course introduces students to basic approaches to inquiry and research in the field of Political Science. Recommended for students in their junior year.

PSCI 382 – Public Opinion and Political Problems 3 credit hours
A study of the process of public opinion formation and change among mass public and elites in the United States. Normative and empirical issues involving the measurement of public opinion and its impact on public policy will also be considered.

PSCI 385 – Foundations of Public Policy 3 credit hours
An examination of policy-making processes at the national and state levels. Case studies will emphasize the many variables that influence policy formulation.

PSCI 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.

Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

PSCI 390 – Politics & Culture of Asia 3 credit hours
A study of politics and culture in Asian countries. Particular attention is given to Japan and China and case studies of other countries in the region are also used to illustrate general patterns and trends. Democracy as it is practiced and developing in Asia is a significant theme, and the course examines other key concepts in the field of comparative politics, including ethnic conflict and economic development.

PSCI 400 – Public Administration 3 credit hours
This course looks at the natures, structures, functions and problems of public administration in the United States. Major emphasis is placed on the relationship between the bureaucracy and the executive, legislative, and judicial branches of national and state government. Assumes basic knowledge of the American bureaucracy and American politics.

PSCI 410 – Advanced Study in American Government: Special Topics 3 credit hours
A senior-level seminar in a special topic in the subfield of American government, e.g., Presidents and the American public. May be repeated for different topics, up to 6 hours.

Department Consent Required
Total Credits Allowed: 6.00

PSCI 420 – Advanced Study in Political Behavior: Special Topics 3 credit hours
A senior-level seminar in a special topic in the subfield of political behavior, e.g., voting in the American electorate. May be repeated up to 6 hours with a different topic.

Department Consent Required
Total Credits Allowed: 6.00
PSCI 434 – U.S. Foreign Policy in the Middle East  3 credit hours
Since World War II, few regions in the world have been as important to the United States and its interests as the Middle East. From the Cold War to the post 9/11 era, strategic, economic and moral imperatives have brought about considerable U.S. involvement in the region. This class examines the Middle East through the lens of American foreign policy. Our lectures, readings and discussions will focus on the development, implementation and effects of U.S. foreign policy in the Middle East from 1945 to the present. We will also examine how American foreign policies are perceived, understood and treated through Middle Eastern perspectives. Some of the topics we will cover in the course will include: the politics surrounding the birth of Israel, U.S.-Soviet competition for influence in the region during the Cold War, the rise of Arab nationalism, the conflicts in Iran, Iraq, Israel-Palestine, Lebanon and Egypt, issues of resources and economic development in the Middle East as they relate to U.S. interests, terrorism, and the ongoing violence in Syria and Iraq.

PSCI 440 – Advanced Study in Comparative Politics: Special Topics  3 credit hours
A senior-level seminar in a special topic in the subfield of comparative politics, e.g., cross-national political behavior. May be repeated up to 6 hours with a different topic.
Department Consent Required
Total Credits Allowed: 6.00

PSCI 450 – Nations in Transition  3 credit hours
This course examines the nations that are going through significant transformation. Covering a wide range of countries around the world, this class considers how these countries struggle to move toward stable democracies despite different obstacles. Furthermore, we will critically explore the roles that the United States and the international community should assume in these transitional societies.

PSCI 456 – Field Study  1-3 credit hours
Field study is designed to combine classroom study with experiences outside the classroom to give students opportunities for discussions with public officials or other firsthand knowledge of the subject. Field studies in the past have focused on study of the actors and processes of foreign policymaking with a one-week trip to Washington, DC, to meet with policymakers. The topics for subsequent field studies may vary. Students may repeat the field study course up to 6 hours credit with different topics.
Total Credits Allowed: 6.00

PSCI 468 – War in World Politics  3 credit hours
This course examines the causes and consequences of war in world politics, as well as those methods by which states and other actors attempt to manage it and provide for peace.

PSCI 475 – Internship in Political Science  1-6 credit hours
Designed to provide an on-the-job learning experience that will enhance the student’s understanding of politics and provide a glimpse of government-in-action. Internships are usually student initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair.
Total Credits Allowed: 12.00

PSCI 486 – Policy Analysis  3 credit hours
Introduction to the skills needed to conduct analysis of policy options and policy evaluations. The course will include an introduction to methods of policy analysis, including cost/benefit analysis; analysis of political environment; and analysis of externalities.
Prerequisite: PSCI 381 and PSCI 385

PSCI 489 – Senior Seminar  3 credit hours
This capstone course reviews and details the sub-fields in political science and addresses the normative, empirical and legal methodologies appropriate for graduating seniors. Grading method: letter grade.
Prerequisite: Senior status

PSCI 490 – Directed Research  1-3 credit hours
Independent original research of a topic in political science selected by the student. Done under the direction of a political science faculty member. Proposals must be student-initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair.
Total Credits Allowed: 3.00

PSCI 499 – Readings in Political Science  1-3 credit hours
Independent readings in political science for the advanced undergraduate or graduate student. Done under the direction of a political science faculty member. Student initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair.
Total Credits Allowed: 6.00

Psychology (PSY)

PSY 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor.
Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

PSY 192 – Death and Dying  1-3 credit hours
Issues of death and dying are discussed from the perspectives of medicine, psychology, religion, philosophy, law and other fields.
Total Credits Allowed: 3.00

PSY 203 – General Psychology  3 credit hours
The fundamental concepts of psychology as derived through the scientific investigation of behavior are described.

PSY 220 – Introductory Psychology Seminar  1 credit hour
Small group activities in laboratory, discussion group, or seminars that supplement an introductory course.
Corequisite: PSY 203 or PSY 230 or PSY 231.

PSY 230 – Human Development  3 credit hours
Human growth and development is surveyed from the prenatal period through old age and death. Emphasis is placed on physiological, cognitive, and social/personality developments at the various age levels.

PSY 231 – Abnormal Behavior and Society  3 credit hours
An introduction to the various models for understanding abnormal behavior, e.g., genetic and developmental models; the descriptions of predominant mental disorders, and major modern treatment interventions. The course is recommended for those majoring in fields other than psychology.
PSY 250 – Behavioral Statistics  4 credit hours
The methodology used in scientific research is described along with the special problems that psychologists face in the interpretation of research results. Prior completion of college algebra is recommended. One laboratory each week.
Prerequisite: PSY 203

PSY 270 – Experimental Psychology  4 credit hours
Advanced methods in data collection are presented. Research designs and their appropriateness for specific areas of study are reviewed. One laboratory each week.
Prerequisite: PSY 250
Additional Course Fee Required

PSY 280H – Special Topics  1-3 credit hours
An interdisciplinary General Studies course for Honors students that examines the connections between disciplines.
Total Credits Allowed: 3.00

PSY 300 – Orientation to Psychology  1 credit hour
An informal review of academic, professional, and career planning issues of a psychology major.
Prerequisite: PSY 203 and declared major in Psychology.

PSY 310 – Learning and Conditioning  3 credit hours
The concepts and principles of learning are studied in detail. Data from human and animal experimentation are considered. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 310L – Learning and Conditioning Laboratory  1 credit hour
Aspects of conditioning and learning are demonstrated. Must be taken concurrently with PSY 310.
Prerequisite: PSY 270.
Corequisite: PSY 310.
Additional Course Fee Required

PSY 312 – Sensation and Perception  3 credit hours
Sensory and perceptual systems are examined in detail. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 312L – Sensation and Perception Laboratory  1 credit hour
Sensory and perceptual phenomena are reviewed within a laboratory setting. Must be taken concurrently with PSY 312.
Prerequisite: PSY 270.
Corequisite: PSY 312.
Additional Course Fee Required

PSY 313 – Physiological Psychology  3 credit hours
The relationships between physiological processes and human behaviors are studied. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 313L – Physiological Psychology Laboratory  1 credit hour
The techniques and methodology used in the study of the biological influences on behavior are introduced. Must be taken concurrently with PSY 313.
Prerequisite: PSY 270.
Corequisite: PSY 313.
Additional Course Fee Required

PSY 317 – Biopsychology  3 credit hours
Biopsychology deals with the interaction of biology and behavior from the molecular to the molar level. All levels of interaction are investigated.
Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 317L – Biopsychology Laboratory  1 credit hour
Biopsychology Laboratory uses the methods of Ethology and Comparative Psychology to investigate the relationship between biology and behavior. Must be taken concurrently with PSY 317.
Prerequisite: PSY 270.
Corequisite: PSY 317.
Additional Course Fee Required

PSY 318 – Experimental Social Psychology  3 credit hours
An exploration of the theories, methods and research regarding the relationship of the individual to others and to society. Topics include person perception, interpersonal attraction, attitudes, and attitude change, conformity and leadership. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 318L – Experimental Social Psychology Laboratory  1 credit hour
A review of social psychological research methods, including experimental and quasi-experimental designs, unobtrusive measures, field studies, behavioral and verbal measurement, the avoidance of bias, and ethical issues in research.
Prerequisite: PSY 270
Additional Course Fee Required

PSY 350 – Ethics in Psychology  3 credit hours
This course will cover common issues encountered by psychologists and other practitioners in various research and applied paths. The goal of the course is to introduce students to the APA Ethical Principles and Code of Conduct as well as other pertinent ethical guidelines. Topics include: the history of ethical codes, ethics and the law, ethical decision making, personal and professional boundaries, ethics in a clinical setting, animal care, ethical publishing, and international codes of ethics.
Prerequisite: PSY 203

PSY 370 – History and Systems of Psychology  3 credit hours
The ideas of individuals who have influenced the development of psychology as a science from the ancient Greeks to the 20th century are reviewed.
Prerequisite: PSY 203

PSY 371 – Environmental Psychology  3 credit hours
The relationships between behavior and natural and man-made environments are addressed.
Prerequisite: PSY 203

PSY 372 – Cross-Cultural Psychology  3 credit hours
Examines psychological processes related to perception, cognition, human development, psychopathology, gender influences and social behavior from a cross-cultural perspective. Current theories, methods and research findings are discussed. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 374 – Psychology of Gender  3 credit hours
Motivational levels, goals, self-concept, and various personality characteristics which differentiate between women and men are studied. Rearing differences between boys and girls and their accompanying behavioral expectations are studied as well as the development of sex differences in intellectual and biological functions.

PSY 376 – Psychology and Criminal Behavior  3 credit hours
Criminal behavior and rehabilitative efforts will be investigated in light of psychological research, theory and clinical experience. Various potential causes of criminal behavior will be explored. Psychology’s role within the legal system will also be addressed.
Prerequisite: PSY 203
**PSY 388 – GS Capstone** 3 credit hours

An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.

Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

**PSY 388L – GS Capstone Lab** 1 credit hour

**PSY 399 – Psychology Apprenticeship Programs** 1-3 credit hours

Students assist faculty members as research assistants, as classroom discussion leaders, as proctors in PSI courses, or in preparing special lectures or programs. Departmental permission required. PSI proctoring is recommended for those students preparing to take the Graduate Record Exam.

Total Credits Allowed: 12.00

Prerequisite: PSY 203

**PSY 400L – Advanced Psychology Lab** 1 credit hour

A review of psychological research methods, including experimental and quasi-experimental designs, field studies, behavioral and verbal measurement, the avoidance of bias, and ethical issues in research. Students will work individually or in groups to formulate a research hypothesis based upon their review of the literature within the field. Individuals or groups will then design and implement a scientific study. Must be taken in conjunction with a 300 or 400 level psychology course.

Permission of the instructor required

Total Credits Allowed: 3.00

Prerequisite: PSY 203

**Additional Course Fee Required**

**PSY 403 – Psych of Motivation** 3 credit hours

The principal issues, methods, and theories of motivation are thoroughly examined.

Prerequisite: PSY 203

**PSY 406 – Theories of Personality** 3 credit hours

Personality theories from Freud to contemporary theorists are discussed. Prior completion of PSY 370 is recommended.

**PSY 407 – Psychopathology** 3 credit hours

Current theoretical models and research are applied toward understanding the descriptions and causes of the predominant mental disorders. The course is based on the diagnostic system employed by most mental health professionals.

Prerequisite: PSY 203

**PSY 407L – Psychopathology Laboratory** 1 credit hour

Must be taken concurrently with PSY 407. The methodology used in the study of common psychopathological patterns is reviewed and applied in original group projects. Ethical considerations in this research area are emphasized. Special permission must be obtained.

Prerequisite: PSY 270.

Corequisite: PSY 407.

Additional Course Fee Required

**PSY 408 – Introduction to Clinical Psychology** 3 credit hours

The student will be introduced to the various professional activities and settings of clinical psychologists (psychologists trained to independently assess, diagnose, and treat mental disorder). Special emphasis will be given to psychotherapeutic interventions.

Prerequisite: PSY 407 and junior standing

**PSY 408F – Intro to Clinical Psy Field Exp** 1 credit hour

Students will visit a clinical facility for three hours a week and process their learning experiences in a one hour weekly lab. Opportunities to interact with patients and staff are included. Must be taken concurrently with PSY 408. Permission of instructor required.

Department Consent Required

Prerequisite: PSY 203 and junior standing and permission of instructor.

Corequisite: PSY 408.

**PSY 410 – Industrial Psychology** 3 credit hours

A survey of human behavior and psychological principles related to industrial/personnel issues. Topics include: job and work analysis; personnel recruitment, selection and training; performance appraisal and management; and implementation strategies.

Prerequisite: PSY 203

**PSY 411 – Organizational Psychology** 3 credit hours

A survey of the prominent theories, principles, and research related to organizational psychology. Topics include: work motivation; leadership; job satisfaction and other attitudes; decision-making; employee socialization; and the design of jobs and organizations.

**PSY 411L – Organizational Psychology Laboratory** 1 credit hour

This laboratory allows students to review historical and contemporary research in the area of organizational psychology. In addition to reading and discussing existing works, students will develop and complete a research project targeting an area of interest within the broader field of I/O psychology.

Prerequisite: Completion of or concurrent enrollment in PSY 410 or PSY 411

**PSY 415 – Group Dynamics** 3 credit hours

Group Dynamics includes the study of group development; structure; influence and interaction and group outcomes. Students will apply material covered to various types of groups such as dyads or couples, teams, collaborative learning groups, juries, cults and crowds.

Prerequisite: PSY 203

**PSY 415L – Group Dynamics Laboratory** 1 credit hour

Designed to be taken with the Group Dynamics course, this laboratory option allows students to use research strategies for better understanding how individuals influence or are influenced by groups and entities. In addition to discussing the work of others, students will develop and complete a research project targeting their specific area of interest within group dynamics.

Prerequisite: PSY 270.

Corequisite: PSY 415.

**PSY 416 – Eastern Psychology** 3 credit hours

The psychological aspects of various Eastern philosophical traditions including Sufism, Yoga, Taoism, and Buddhism are examined. The psychology of Zen is emphasized. Experiential as well as theoretical approaches are used.

Prerequisite: PSY 203

**PSY 417 – Humanistic Psychology** 3 credit hours

The tenets and methods of humanistic psychology, its historical roots, theoretical concepts, and how it is distinguished from Psychoanalysis and Behaviorism are reviewed. Group discussion format is used.

Prerequisite: PSY 203
PSY 420 – Advanced Research Design and Analysis in Psychology  3 credit hours
Advanced multivariate statistical techniques are explored, including Multiple Regression, Canonical Correlation, MANOVA, Discriminant Function Analysis, and Factor Analysis. Special emphasis is placed on computer analysis and on deciding which techniques are appropriate for various data sets. Prerequisite: PSY 270 or permission of instructor

PSY 430 – Memory and Cognition  3 credit hours
Topics concerning intellectual functioning are reviewed. Emphasis is placed on the information processing approach to the study of mental life. Topics include perception, attention, consciousness, memory, problem solving, and language. Prior completion of PSY 270 is recommended. Prerequisite: PSY 203

PSY 430L – Memory and Cognition Laboratory  1 credit hour
The methodology used in the study of cognitive processes is reviewed. Must be taken concurrently with PSY 430. Prerequisite: PSY 270. Corequisite: PSY 430. Additional Course Fee Required

PSY 435 – Psychology of Humor  3 credit hours
Survey of psychological theories, principles, and facts in areas such as social psychology, personality, psychobiology, development, cognition, industry/organizations, and health as they apply to humor. Specific topics include: why we laugh, how we understand humor, prejudice and humor, multicultural similarities and differences, humor in applied settings (e.g., workplace, education), and humorous media. Prerequisite: PSY 203 and PSY 270 is recommended.

PSY 440 – Health Psychology  3 credit hours
Examines how thoughts, emotions, behaviors, physiology, and culture influence health and well-being. Topics include: physical systems of the body, stress and illness, health-related behaviors, health services, and end-of-life care.

PSY 440L – Health Psychology Laboratory  1 credit hour
Designed to be taken concurrently with PSY 440, this lab provides experience in critically analyzing quantitative and qualitative health research. In addition, students will develop and conduct a research project in their area of interest within the field of health psychology. Prerequisite: PSY 270. Corequisite: PSY 440.

PSY 450 – Psychometrics  3 credit hours
Basic measurement concepts, the selection, administration, and interpretation of standardized tests are reviewed. Prior completion of PSY 270 is recommended. Prerequisite: PSY 203

PSY 450L – Psychometrics Lab  1 credit hour
Must be taken concurrently with PSY 450. Practical experience in test construction and the application of concepts such as norms, standardization, reliability and validity. Prior completion of PSY 270 is required. Prerequisite: PSY 270. Corequisite: PSY 450 or PSY 850P. Additional Course Fee Required

PSY 453 – Experimental Child Psychology  3 credit hours
The psychology of child development is studied. Special emphasis is placed on experimental findings related to the development of physical, intellectual and cognitive functioning, and the development of personality. Prior completion of PSY 270 is recommended. Prerequisite: PSY 203 or PSY 230

PSY 453L – Developmental Psychology Laboratory  1 credit hour
Methods of studying children and adolescents are investigated. Must be taken concurrently with PSY 453. Prerequisite: PSY 270. Corequisite: PSY 453. Additional Course Fee Required

PSY 455 – Adolescent Psychology  3 credit hours
Adolescent development is comprehensively reviewed. The intellectual, physical, and social/moral development of adolescents is discussed, along with the special problems of young adults. Prerequisite: PSY 203 or PSY 230

PSY 462 – Adult Development and Aging  3 credit hours
The changes in physical, cognitive and social/personality development during adulthood are addressed. Prerequisite: PSY 203 or PSY 230

PSY 465 – Psychopharmacology  3 credit hours
The course consists of an introduction to pharmacology as a science followed by a discussion of therapeutic and recreational psychoactive drugs. Psychoactive drugs are discussed in relation to their effect on behavior and nervous system physiology. Prior completion of PSY 203, background in physiological psychology, or background in biology is recommended. Department Consent Required

PSY 470 – Neuropsychology  3 credit hours
The relationship between human brain function and behavior is investigated. Special emphasis is placed on the behavioral effects of brain injury and methods of neuropsychological assessment. Prerequisite: PSY 313

PSY 475 – Practicum in Psychology  1-3 credit hours
This course gives the student the opportunity to gain experience in the application of psychological principles in various settings. Department Consent Required Total Credits Allowed: 3.00 Prerequisite: 24 completed hours of Psychology coursework and permission of the department chair

PSY 475G – Practicum in Gerontology  3 credit hours
This course gives the student the opportunity to work with professionals in the field of aging. Includes 120-180 actual contact hours during the practicum experience.

PSY 477 – Psychology and Law  3 credit hours
Within this course, students will learn how psychology has influenced legal processes and outcomes. Topics covered include theories of criminology, factors associated with police questioning, jury selection and deliberation and punishment and sentencing. Students will also study how psychologists ranging from researchers and clinicians to expert witnesses and advocates work within the legal system. Prerequisite: PSY 203
PSY 477L – Psychology and Law Laboratory  1 credit hour
Designed to be taken with the Psychology and Law Course, this laboratory option allows students to critically evaluate both historical and contemporary research in the area of psychology and law. In addition to discussing the work of others, students will develop and complete a research project targeting their specific area of interest within the broader field of psychology and law.
Prerequisite: PSY 270.
Corequisite: PSY 477.
Additional Course Fee Required

PSY 480 – Advanced Seminar in Psychology  3 credit hours
An in-depth examination of a particular topic in one of 13 designated areas of psychology. Taught in seminar format. Topics will be announced during the preceding semester.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: At least 12 completed hours of Psychology coursework and junior or senior standing and permission of the instructor.

PSY 493 – Readings in Psychology  1-3 credit hours
The student designs a set of readings in a chosen area of psychology. The work is completed under the supervision of the Department Chair.
Department Consent Required
Total Credits Allowed: 18.00
Prerequisite: 24 completed hours of Psychology coursework and permission of the department chair

PSY 499 – Research in Psychology  3 credit hours
The student engages in a research project of his/her own design. The project is supervised by a psychology faculty member.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: 24 completed hours of Psychology coursework and permission of the department chair

Recruitment (REC)

REC 150 – Foundations of Recreation, Park and Leisure  3 credit hours
Introductory course for persons interested in majoring in a leisure profession.

REC 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Prerequisite: First year freshman standing or sophomore standing only.

REC 215 – Introduction to Outdoor Recreation  3 credit hours
This course is designed to introduce students to the field of outdoor recreation. Organized camping, outdoor recreation skills and activities, and current environmental issues will be topics of this class.
Total Credits Allowed: 5.00

REC 246 – Wilderness First Aid  1 credit hour
This course is designed to offer the student information and skills that will prepare them for providing basic first aid and life support to individuals suffering from illness or injury. The course content provides the background knowledge a Professional Rescuer needs to act as an essential link in the EMS system in situations where access to immediate emergency medical response is not available. Class activities will challenge participants to think critically about making appropriate decisions regarding the type of care to provide in a medical emergency, analyze the basis of normal protocol of care, demonstrate application of their acquired skills and investigate consequential clinical outcomes in the emergency care setting.
Prerequisite: PSY 265 (certifications in CPR and AED)

REC 300 – Volunteer Practicum  1-4 credit hours
Students will be assigned to a community, hospital, agency fitness, athletic recreation, or tourism site. Credit/no credit.
Total Credits Allowed: 4.00

REC 301 – Volunteer Practicum in Coaching  2 credit hours
Students will be assigned to a coach or athletic department site to get experience in coaching.
Total Credits Allowed: 4.00

REC 302 – Volunteer Practicum Exercise Science  1-4 credit hours
Students will be assigned to a community, hospital, agency fitness, athletic, recreation, or tourism site. Credit/no credit.
Total Credits Allowed: 4.00
Prerequisite: Grade of “C” or above in PE 305 and PE 310

REC 321 – Campus Recreation Management  3 credit hours
The purpose of this course is to prepare students for entry level positions and long term careers in campus recreation. It covers managing employees, programs, facilities and services in the field and will guide students through such topics as budgeting, marketing, program assessment, and risk management.

REC 352 – Outdoor Adventure Education  3 credit hours
Rationale and dynamics of interacting with the environment through leisure activities.

REC 354 – Programming in Sport, Recreation, and Events  3 credit hours
Basic theoretical and practical competencies required to become a successful programmer for sport, recreation and event services.

REC 356 – Special Topics  3 credit hours
Advanced, in-depth studies of various segments of Recreation and Events. Topics designed to prepare students with specific professional skills important to event and leisure industries. May lead to professional certifications.
Total Credits Allowed: 24.00

REC 375 – Leadership in Recreation, Sport and Events  3 credit hours
Theories and practices of program leadership in the recreation, sport and events field, emphasizing leadership styles and techniques, self-awareness, human relations, communications, group processes and group dynamics, problem solving and decision making.
Safety Education (SFED)

SFED 299 – Independent Studies in Safety 1-3 credit hours
There are many opportunities for independent study in the safety area. These opportunities could benefit UNK, the community, the Nebraska Safety Center and most important the student engaging in the independent study. Examples of independent studies include consumer product safety regulations, OSHA and traffic safety. This course would benefit the comparative novice in safety.
Department Consent Required
Total Credits Allowed: 3.00

SFED 301 – Driving Task Analysis 3 credit hours
This course gives an introduction to the content of driver education and driver improvement for the driver education instructor. This course provides the basis for the classroom and BTW instruction.

SFED 310 – Driving Task Analysis 3 credit hours
This course gives an introduction to the content of driver education and driver improvement for the driver education instructor. This course provides the basis for the classroom and BTW instruction.

SFED 335 – General Safety Education 3 credit hours
This course includes a study of the philosophy of safety and safety education, the use of accident data, and the causes of accidents. Areas emphasized are: traffic, home, occupations, farm and recreational. Disaster readiness and fire prevention are included.

SFED 402 – Teaching Safety in Elementary Schools 3 credit hours
Designed to provide elementary teachers and safety education students with information, methods, techniques, and skills necessary to integrate school safety programs with core elementary classroom subjects and activities.

SFED 425 – Ergonomics 3 credit hours
This course will introduce the student of ergonomics in the workplace, human variability, human/machine interfacing, human factors in designing equipment and work station layout. Federal and state regulations and guidelines will be examined.

SFED 430 – Developing Driver Education Classroom Skills 3 credit hours
A study of the automobile and its impact on American society. Topics include: accident prevention, materials and methods used in the classroom, effects of alcohol and drugs, and psychological and sociological factors. Required for teaching driver education. Driver’s license is required.

SFED 431 – Developing Driver Education Vehicle Skills 3 credit hours
Effective principles, methods, techniques and materials for use in organizing safety programs, including the teaching and administration of high school driver education. Students are given the opportunity to acquire, through supervised teaching experience, competence in developing and teaching skills and techniques, as well as transferring driver knowledge, driving skills and inspiring satisfactory driving attitudes in students.

SFED 435 – Occupation Safety/Health 3 credit hours
The study of safety and health administration, accident prevention, and the control of health hazards as related to occupations. Includes a study of current safety and health requirements. Suitable for industrial education teachers and managers in industry.

SFED 438 – Teaching the Use of the Multiple Vehicle Range 1 credit hour
Provides the student with basic and advanced techniques and methods in teaching the use of the multiple vehicle range facility and programs.

SFED 439 – Teaching Simulator Instruction 1 credit hour
Students will analyze curriculum, design instructional materials, and develop techniques for teaching with driver simulators.

SFED 440 – Competency-Based Curriculum in Traffic Safety 3 credit hours
This course will prepare driver education teachers to efficiently teach competency-based driver education courses that follow the guidelines outlined by the Nebraska Department of Education.

SFED 450 – Driver Performance Measurement 3 credit hours
This course teaches principles designed to develop and administer a valid and reliable road test.

SFED 460 – Organization and Administration of Safety Programs 1 credit hour
This course examines the organizational and administrative, theory, structure, and practices of safety programs. Students will evaluate, plan, and develop a safety program. Corequisite: SFED 461 or SFED 462.
SFED 461 – Supervision of Industrial Safety  2 credit hours
This course examines the supervisory theory, structure, and practices of safety programs in general industry. Students will complete the OSHA 30 hour General Industry certification.
Corequisite: SFED 460.

SFED 462 – Supervision of Construction Safety Programs  2 credit hours
This course examines the organizational and administrative, theory, structure, and practices of safety programs in the construction industry. Students will complete the OSHA 30 hour Construction Industry certification.
Corequisite: SFED 460.
Additional Course Fee Required

SFED 472 – Fire Prevention, Protection and Control  3 credit hours
This is an introductory fire science course. The student will be provided an overview of fire science and loss prevention. This would include the equipment and techniques available to detect and suppress fires, recognition of hazards, and fire countermeasures.

SFED 477 – Accident/Incident Investigation and Analysis  3 credit hours
This course provides the student with knowledge into the accident and incidents investigation methods, procedures, and techniques used for prevention of future problems.

SFED 478 – Behavior Based Safety Systems  3 credit hours
Students in this course will explore the human dynamics of safety operations within the work environment and examine how tasks can be managed to significantly improve safety performance. Human practices are identified which create safety risks and analytical resolutions of those risks are determined.

SFED 496 – Advanced Safety Program in Driver and Traffic Safety Education  1-3 credit hours
Designed to help teachers become better acquainted with the problems and techniques of teaching driver and traffic safety education.
Total Credits Allowed: 3.00

SFED 498 – Special Topics in Safety  3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.

SFED 499 – Individual Research in Safety  1-3 credit hours
Total Credits Allowed: 3.00
Prerequisite: 9 credit hours of SFED courses or permission

Social Science (SOSC)

SOSC 444 – International Studies Institute  1-6 credit hours
This course will provide opportunities for study as offered by the International Studies Program.
Total Credits Allowed: 6.00

SOSC 446 – Regional Field Study  1-4 credit hours
This course is designed to give students a first hand acquaintance with the history, the physical, cultural and economic geography of a particular area of the world.
Total Credits Allowed: 4.00

SOSC 499 – Pro Sem in Soc Sci  1-4 credit hours
Open to majors in any of the social sciences.
Total Credits Allowed: 4.00

Social Work (SOWK)

SOWK 170 – Introduction to Social Welfare  3 credit hours
The course explores the foundation and principles of social welfare in American society. The spectrum of social welfare programs and issues are examined with emphasis on the contexts that shape them and the impact they have on vulnerable and underrepresented groups.

SOWK 172 – Human Service Ethics and Experience  3 credit hours
This course presents the values and ethical principles that underlie social work and other human service professions. Course requirements include the completion of a 50 hours volunteer work experience at a human service program in the community. Students are advised to complete the course early in their program of study.

SOWK 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

SOWK 400 – Human Behavior in the Social Environment  3 credit hours
This course analyzes human behavior in the social environment from a life-span developmental approach from conception through adulthood. The theories, which emphasize biological, psychological, sociological, spiritual and cultural aspects of the individual are examined. A systems approach is combined with an ecological perspective to analyze social conditions and to identify problem areas in society.
Prerequisite: SOWK 170

SOWK 410 – Social Policy & Programs  3 credit hours
The course examines the historical evolution of Social policy, value assumptions, as well as the social, political, and economic contexts and processes that impact it. Students learn the skills required for analysis of policies and advocacy for social and economic justice.
Prerequisite: SOWK 170

SOWK 420 – Diversity and Social Justice  3 credit hours
The course examines cultural, social, and economic diversity; the role of social institutions and social, political, and cultural processes as they relate to discrimination and oppression based on race, ethnicity, gender, sexual orientation, social class and disability status.
SOWK 440 – Fundamentals of Research in Social Welfare  
3 credit hours
This course will introduce students to the concepts and principles of social work research methodology, educate them about the ethics and politics involved, and promote their understanding of research issues relevant to diversity, multiculturalism, as well as social and economic injustices.
Prerequisite: STAT 235 or STAT 241

SOWK 441 – Social Work Practice with Individuals & Families  
3 credit hours
This course provides a foundation for generalist social work practice with individuals and families using a problem solving approach within a systems framework.
Prerequisite: Minimum cumulative GPA of 2.5 and SOWK 400 and SOWK 410.

SOWK 442 – Social Work Practice with Groups  
3 credit hours
The course expands on the generalist practice foundation and skills gained in SOWK 371 and focuses on social work practice with task and therapy groups.
Prerequisite: SOWK Majors - Cumulative GPA of 2.5 or above and a grade of "C" or above in SOWK 441 CSP LADC Certificate Program - minimum GPA of 2.5 and successful completion of CSP 417 LADC certificate students should enroll in SOWK 442 during spring semester.

SOWK 443 – Social Work Practice with Organizations and Communities  
3 credit hours
This course focuses on macro social work with organizations, communities, state, and federal entities. It examines the models of community planning and organization with emphasis on individual and community empowerment and modifications of institutional structures. Program development, social planning, and administration of social agencies are taught and issues of equity and social justice issues related to populations at risk such as minorities, elderly, and women are explored.
Prerequisite: Minimum cumulative GPA of 2.5 and completion of SOWK 441 and SOWK 442 with a grade of C or better

SOWK 468 – Introduction to Disabilities  
3 credit hours
A theoretical framework grounded in the social welfare values of self-determination and dignity across the lifespan is used to explore diverse issues in the disabilities field including demographics, etiology and policies, social welfare programs and community resources, and the role of social workers in serving people with disabilities.

SOWK 469 – Introduction to Mental Health Issues  
3 credit hours
This course enables students to develop a broader understanding of the occurrence and impact of mental illness in society and from a social work perspective. Mental health issues across race, class, gender, and culture will be examined with the goal of promoting practice skills and sensitivity to future clients.

SOWK 470 – International Social Work Experience  
1-6 credit hours
This summer experience takes students to foreign countries and immerses them into the social, cultural, political, and economic environment that impact citizens there. Policy issues and human rights are emphasized, compared to the American system, and assessed for support or hindrance of general wellbeing especially related to at-risk and underrepresented groups.
Department Consent Required
Total Credits Allowed: 6.00

SOWK 471 – Aging Services  
3 credit hours
The common problems of the aged and their families are studied, knowledge of existing services is provided, and students are exposed to the initial theory and practice of delivering services to the aged in both the outpatient and inpatient setting.
Prerequisite: SOWK 170

SOWK 472 – Child Welfare Services  
3 credit hours
The common problems of children and families needing services are studied. Knowledge of existing services is imparted, and students are exposed to the initial how of doing child welfare work.
Prerequisite: SOWK 172 and SOWK 400

SOWK 473 – Social Work in Rural Settings  
3 credit hours
This course examines the distinctive nature of rural generalist practice, where practitioners are often faced with multiple and changing roles and responsibilities. This class will broaden the student's knowledge base by examining relevant history, technical expertise, and current trends and issues facing rural people and rural service providers within both national and local contexts.
Prerequisite: SOWK 172 and SOWK 400 and SOWK 410

SOWK 474 – Child Abuse and Neglect  
3 credit hours
The course prepares students for child welfare practice and provides an overview of child maltreatment. A historical perspective of child abuse is used to examine issues related to reporting, legal response, treatment, and prevention, and intervention.
Prerequisite: SOWK 170

SOWK 475 – Social Work in Legal Settings  
3 credit hours
An overview of social work services provided in medical and other health care settings. The relationships to other professionals are explored. Knowledge of existing services is imparted, and students are exposed to the initial theory and practice of delivering services to the aged in both the outpatient and inpatient setting.
Prerequisite: SOWK 170

SOWK 476 – Social Work in Legal Settings  
3 credit hours
An overview of social work practice, theory, and skills for working within and with legal host agencies, and a brief examination of legal consequences of social work practice.
Prerequisite: SOWK 172 and SOWK 400

SOWK 477 – School Social Work  
3 credit hours
An overview of services provided by school social workers and the interrelationships with other student services.
Prerequisite: SOWK 172 and SOWK 400

SOWK 478 – Medical Social Work  
3 credit hours
An overview of social work services provided in medical and other health care settings. The relationships to other professionals are explored in all health care settings. Students are introduced to the specific recommendations for practice in medical and other health care social services.
Prerequisite: SOWK 400

SOWK 479 – Violence Across the Lifespan  
3 credit hours
The course focuses on the causes, prevalence, treatment and prevention of violence that individuals may encounter throughout the lifespan. It maintains a dual focus on victims and perpetrators of violence, the impact of violence on vulnerable groups, and prevention and intervention strategies that may be used in practice, programming, policy, and research.
SOWK 480 – Field Placement I 3 credit hours
The complete field placement experience, SOWK 480 & 481, consists of 400 actual contact hours of supervised experience in an approved social service agency, along with scheduled group seminar meetings with the field placement coordinator. The field placement experience allows students to integrate the theoretical foundation and skills gained throughout their academic preparation with practice in a supervised professional setting. A field placement application and approval process must be completed prior to enrollment in this course. This course represents the first 200 hours and involves an orientation to the agency, observing and learning the structure of the agency, and the integration of classroom content with practicum experiences.

SOWK 481 – Field Placement II 3 credit hours
The complete field placement experience, SOWK 480 & 481, consists of 400 actual contact hours of supervised experience in an approved social service agency, along with scheduled group seminar meetings with the field placement coordinator. The field placement experience allows students to integrate the theoretical foundation and skills gained throughout their academic preparation with practice in a supervised professional setting. A field placement application and approval process must be completed prior to enrollment in this course. This course represents the second 200 hours and involves actual hands on participation where students are expected to demonstrate a higher level of skills and an increased responsibility for their learning and performance.

SOWK 482 – Senior Social Work Seminar 3 credit hours
This course is designed as an integrating seminar to be taken concurrently with Field Placement. It facilitates the transition from student to professional social worker practice. Assignments build on the field placement experience to promote the integration of knowledge, skills, and values.
Prerequisite: SOWK 442 and permission of Field Coordinator.
Corequisite: SOWK 480 and SOWK 481.

SOWK 499 – Special Studies in Social Work 1-3 credit hours
An in-depth study of contemporary social work practice issues. The project is supervised by the director. This course may be repeated to a maximum of six hours.
Total Credits Allowed: 6.00
Prerequisite: 6 hours of Social Work and permission of the director

Sociology (SOC)

SOC 100 – Introduction to Sociology 3 credit hours
The development of social systems, group formations and types of social organizations, and the nature of cultural and subcultural variations.

SOC 124 – Social Problems 3 credit hours
An overview of issues confronting American society that have possible adverse social consequences. Students select a broad cross section of social problems for study and discussion. A theoretical approach/background is offered as a basis for examination of the problems chosen.

SOC 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

SOC 201 – Social Inequality 3 credit hours
An examination of the American social class system and its impact on the lives of the members of society. Theories of the development of social classes are offered as a basis for class discussions. Alternative social class systems are examined along with the American system. The course concentrates on power relationships, ownership of assets, and the impact of class membership on values, beliefs, attitudes, life styles and life chances.

SOC 210 – Participating in a Democratic Society 3 credit hours
The primary focus of the course is to engage students in questions of democracy. Students will learn how to become informed citizens by learning how to gather and analyze information, examining the various perspectives of arguments, and studying contemporary social movements.

SOC 225 – Global Cultures and Diversity 3 credit hours
This course acquaints the student with a broad range of cultural, racial, and social groups which are recognized as different by the community. It focuses on the causes of the differential treatment, the problems created for these groups and the community, and suggests some solutions that practicing social workers and human service professionals will find useful in dealing with these groups.

SOC 237 – Sociological Inquiry 3 credit hours
Systematic treatment of the design and conduct of social research and of the logical foundations of empirical research. Includes guided practice in the collection and analysis of data and an individual experience in the formulation and design of a research project.

SOC 250 – Anthropology 3 credit hours
Reviews the physical evolution of humans and the origins of culture. The concepts of culture and cross-cultural comparison are utilized to understand the various ways of life humans have created throughout history.

SOC 275 – Social Psychology 3 credit hours
Group influences on individual behavior, including role theory, socialization, personality development, and attitude change.

SOC 280H – Special Topics-Honors 3 credit hours
SOC 300 – Sociological Theory 3 credit hours
This course develops analytical approaches to the examination and use of sociological theory in social systems. Basic comprehension of the various paradigms and schools of thought are examined as well as critiques using classical, contemporary, and emerging theoretical writings. Evaluation of the application of social theories is also attempted.
Prerequisite: SOC 100 or a 200 level Sociology course or permission.
SOC 310 – Introduction to Social Demography  3 credit hours
This course will introduce the basic concepts of social demography. The class will familiarize students with important theoretical perspectives, current patterns in global population and data sources to examine these patterns. The major demographic processes - fertility, mortality and migration - will be discussed in detail. The class will conclude by examining changes in family and urban structures.
Prerequisite: SOC 100 or SOC 124 or by permission

SOC 335 – The Aged in American Society  3 credit hours
This course examines the contributions of sociological theory to gerontology, including such major perspectives as structural functionalism and conflict. Material presented will create an awareness of the influences of older people. Topics to be covered include:
Socialization for the role of aged persons, social experiences of the elderly, political and social participation of the elderly, and economic status of the elderly.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 340 – The Holocaust  3 credit hours
This course familiarizes students with a basic history of the Holocaust, and the social, political, and economic conditions that created a climate in which it could occur. Several disciplinary perspectives are applied to analyzing the historical events that make up the Holocaust. Ethical issues and imperatives raised by the Holocaust are considered. Finally, questions are raised about how and why the Holocaust should be remembered.

SOC 349 – Sociology of Work  3 credit hours
An understanding of the present design of the American labor process will be achieved through a socio-historical analysis of the workplace. By placing work in its social context, we can better understand the gender and ethnic dynamics within the workplace. Such programs as employee involvement will be analyzed within a social context.
Prerequisite: SOC 100 or permission of instructor

SOC 360 – Criminology  3 credit hours
The nature of crime; its types, distribution and trends. Theories of causation. Analysis of law enforcement, law and the courts, treatment modalities, and post-release situation of ex-offenders.
Prerequisite: SOC 100 or SOC 124 or SOC 250 or permission

SOC 363 – Juvenile Delinquency  3 credit hours
Examines types, distribution and trends of delinquent conduct. Theories of causation; public reaction to delinquency. Detection and referral; the juvenile court; personnel, processing and disposition; treatment and aftercare.
Prerequisite: SOC 100 or SOC 124 or SOC 250 or permission

SOC 369 – Sociology of Gender  3 credit hours
A course designed to increase knowledge regarding the initial development of sex-roles, socialization for behavior that is appropriate to gender, and the satisfaction of personal needs through interaction with societal groups. The intention is to raise student consciousness of expanding options for future family life, occupational choices and social relationships.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 370 – Sociological Research  3 credit hours
A sociological research project will be undertaken by the class in order to master the basic components of research. The project will be defined at the beginning of the semester and may have components of quantitative and/or qualitative methods.
Prerequisite: SOC 237 or permission of the instructor

SOC 380 – Sociology of Sexuality  3 credit hours
This course is designed to explore the social bases of human sexual interaction. Though we may perceive sex to be a natural and biologically driven behavior, it is in fact, largely shaped by social norms, values, and expectations. Therefore, over the course of the semester, we will examine the variety of human sexual behaviors, as well as the social context in which these behaviors occur and develop.

SOC 381 – Deviance and Social Control  3 credit hours
A sociological analysis of the family as a social unit. Topics focus on historical changes, cultural patterns, social class influences, group processes, institutional aspects, contemporary social changes and the future of the family. The evolving role of women will be examined for its impact on the family.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 390 – Sociology of Education  3 credit hours
A systematic study of the social organization of the formal socialization process, the larger societal and organizational contexts of the socialization process, and the sociocultural forces and conflicts among social groups in relation to the process. Analysis of the adolescent as a client, the social organizations of the school, and the consequences and outcomes for participants in the schooling process are examined. Contemporary trends, cross-cultural comparisons, and critiques of research findings and reports are examined from the sociological perspective.
Prerequisite: SOC 100 or SOC 250 or equivalent or permission of instructor

SOC 402 – Race and Minority Relations  3 credit hours
Examines the history and status of minority groups in society, the relationship between minority groups and the dominant group, focuses on the causes of intergroup conflict and suggests solutions to intergroup problems.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 410 – Globalization and Development  3 credit hours
This course is designed to explore globalization and development. The class will introduce students to important perspectives regarding globalization and development. The current trends emphasizing globalization in international dialogue will be examined. Relevant case studies will be utilized to further the understanding of the processes involved in globalization and development.
Prerequisite: SOC 225 or SOC 310

SOC 420 – Race and Minority Relations  3 credit hours
Examines the history and status of minority groups in society, the relationship between minority groups and the dominant group, focuses on the causes of intergroup conflict and suggests solutions to intergroup problems.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 430 – Sociology of Family  3 credit hours
A sociological analysis of the family as a social unit. Topics focus on historical changes, cultural patterns, social class influences, group processes, institutional aspects, contemporary social changes and the future of the family. The evolving role of women will be examined for its impact on the family.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 440 – Sociology of Education  3 credit hours
A systematic study of the social organization of the formal socialization process, the larger societal and organizational contexts of the socialization process, and the sociocultural forces and conflicts among social groups in relation to the process. Analysis of the adolescent as a client, the social organizations of the school, and the consequences and outcomes for participants in the schooling process are examined. Contemporary trends, cross-cultural comparisons, and critiques of research findings and reports are examined from the sociological perspective.
Prerequisite: SOC 100 or SOC 250 or equivalent or permission of instructor

SOC 442 – Sociology of Religion  3 credit hours
Examines religion as a social phenomenon and attempts to relate it to other aspects of human social life. Topics considered include the dilemmas of belief and institutionalization, religious movements, religion and change, secularization, and the future of religion.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 461 – Deviance and Social Control  3 credit hours
The philosophical assumptions embedded in the theories of deviance are examined and applied in the critical reading of deviance texts. A basic question explored is who and what is defined as deviant by each of the sociological perspectives. Through this examination we will investigate who controls social behavior and the basis of control contained within the theories.
Prerequisite: SOC 100 or SOC 250 or permission
SOC 462 – Sociology of Health and Illness  3 credit hours
This course provides an introduction to the field of medical sociology with attention to physical as well as mental illnesses. The emphasis will be upon the influence of social factors in becoming ill and social factors which influence treatment. Topics to be covered will include: Social epidemiology, health and illness behavior, the health professions, health care institutions, and alternative systems of health service.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 486 – Senior Seminar  3 credit hours
Seminar serves as a capstone for the general degree option in sociology. The philosophical underpinnings of the basic issues in sociology will be examined. Students come to see how the pieces of sociology form a cogent whole.
Prerequisite: 18 hours of completed Sociology coursework

SOC 471 – Special Topics  3 credit hours
Special topics of current research by Sociology faculty actively involved in research projects.
Total Credits Allowed: 6.00
Prerequisite: SOC 100 or SOC 250 or permission

SOC 475 – Internship  1-9 credit hours
This course is designed to give the student experience in a work situation within his/her area of specialization and interest.
Total Credits Allowed: 9.00
Prerequisite: 12 hours of Sociology or permission of instructor

SOC 488 – Research Seminar in Sociology  3 credit hours
Group investigations of sociological problems.
Prerequisite: SOC 237 or permission

SOC 490 – Directed Research  1-3 credit hours
Independent original research under the direction of a Sociology faculty member. Permission and a contract specifying topic and requirements are necessary before enrollment for the course.
Total Credits Allowed: 3.00
Prerequisite: SOC 237 or permission

SOC 499 – Directed Readings  1-3 credit hours
Independent readings on advanced or contemporary sociological topics, to be selected in consultation with and directed by a Sociology faculty member. A contract specifying readings and requirements for the course is necessary before enrollment for the course.
Total Credits Allowed: 3.00
Prerequisite: SOC 300 or two 300 to 400 level Sociology courses and permission of the instructor

Spanish (SPAN)

SPAN 100 – Beginning Spanish I  3 credit hours
Elementary course dealing with basic vocabulary, grammar and conversation and culture.

SPAN 101 – Beginning Spanish II  3 credit hours
Continuation of SPAN 100 on a more advanced level.
Prerequisite: SPAN 100 or equivalent.

SPAN 102 – Practical Spanish  3 credit hours
A course for renewing or gaining practical speaking skill in Spanish for the prospective business person or traveler to Spanish-speaking countries.

SPAN 103 – Spanish for Special Purposes  1-3 credit hours
A course designed by the instructor for specific professions or other groups (for medical or law enforcement personnel, teachers, construction managers, etc.) and will vary according to the target group. It emphasizes pertinent vocabulary and phrases which can aid the students as they communicate professionally with Spanish speakers whose knowledge of English is very limited.
Total Credits Allowed: 4.00

SPAN 175 – Spanish Study Abroad I  3-6 credit hours
A beginning level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00

SPAN 176 – Spanish Study Abroad I  3-6 credit hours
A beginning level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00

SPAN 200 – Intermediate Spanish I  3 credit hours
Grammar review, reading for understanding, conversation practice, and composition practice.
Prerequisite: SPAN 101 or equivalent

SPAN 201 – Intermediate Spanish II  3 credit hours
A continuation of SPAN 200, with an emphasis on reading and conversation.
Prerequisite: SPAN 200 or equivalent

SPAN 205 – Culture, Conversation and Composition  3 credit hours
Conversation on cultural and literary topics on the intermediate level and simple composition.
Prerequisite: SPAN 201 or equivalent

SPAN 275 – Spanish Study Abroad II  3-6 credit hours
An intermediate low level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00
Prerequisite: SPAN 101 or equivalent

SPAN 276 – Spanish Study Abroad II  3-6 credit hours
An intermediate low level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00
Prerequisite: SPAN 101 or equivalent

SPAN 302 – Spanish Phonetics/Phonology  3 credit hours
A theoretical and practical study of the Spanish sound system with the intention of improving the students' pronunciation.
Prerequisite: SPAN 201 or equivalent

SPAN 304 – Advanced Conversation and Composition  3 credit hours
An advanced course in Spanish conversation designed to take the student beyond the functional ability gained in the lower level conversation course.
Prerequisite: SPAN 205 or equivalent

SPAN 305 – Spanish Civilization  3 credit hours
Life, customs and institutions of Spain, primarily as a basis for advanced courses in literature.
Prerequisite: SPAN 205 or equivalent

SPAN 306 – Survey of Spanish Literature I  3 credit hours
Survey of principal works in Spanish literature to 1680.
Prerequisite: SPAN 205 or equivalent

SPAN 307 – Survey of Spanish Literature II  3 credit hours
Study of principal works from 1680 to the present.
Prerequisite: SPAN 205 or equivalent
SPAN 308 – Advanced Spanish Grammar 3 credit hours
Thorough grammar review. Extensive practice with progressively challenging tasks will be combined with reading and writing activities. Prerequisite: SPAN 205 or equivalent

SPAN 309 – Foundations of Literacy 3 credit hours
A systematic approach to understanding different styles of texts, including traditional literary genres such as narrative, poetry and theater, but also news media, essays, social media, blogs, cinema, and so on. Students will focus on the continuing development of oral fluency toward narration / elaboration and paragraph-length discourse built around extensive reading, and will receive specific writing tasks related to the readings. Grammar is reviewed only on an as-needed basis. Prerequisite: SPAN 205 or equivalent

SPAN 310 – Cultural History of Spain & Latin America I 3 credit hours
Study of major periods and key cultural products from Medieval Iberia and Precolumbian America until the 19th century. Selected works will illustrate the social, economic, and cultural history of the Iberian Peninsula and the Americas. Students will acquire a comprehensive knowledge of the way in which the transatlantic dynamic shaped political and artistic movements on both continents. Prerequisite: Completion of or concurrent enrollment in SPAN 308 or SPAN 309

SPAN 311 – Cultural History of Spain & Latin America II 3 credit hours
Study of major periods and key cultural products from Iberia and Latin America from the 19th century to the present. Selected works will illustrate the social, economic and cultural history of both the Iberian Peninsula and the Americas. Students will acquire a comprehensive knowledge of the way in which the transatlantic dynamic shaped, and continues to shape, political and artistic movements on both continents. Prerequisite: Completion of or concurrent enrollment in SPAN 308 or SPAN 309

SPAN 333 – Commercial Spanish 3 credit hours
This course is for students who wish to master the essential vocabulary and style specific to Spanish business. Prerequisite: SPAN 201 or equivalent

SPAN 337 – Seminar on Hispanic Film 3 credit hours
The study of a series of films produced in Spain and/or Latin America. Prerequisite: SPAN 205 or equivalent

SPAN 357 – Seminar on Women in Hispanic Literature 3 credit hours
A study of women writers from Spain and/or Latin America or a study of the depiction of women in one or more of these literatures. Prerequisite: SPAN 205 or equivalent

SPAN 360 – Latin American Civilization 3 credit hours
Life, customs and institutions of Latin America, primarily as a basis for advanced courses in literature. Prerequisite: SPAN 205 or equivalent

SPAN 375 – Spanish Study Abroad III 3-6 credit hours
An intermediate high level study of Spanish language and culture taught in a Spanish-speaking country. Total Credits Allowed: 6.00 Prerequisite: SPAN 201 or equivalent

SPAN 376 – Spanish Study Abroad III 3-6 credit hours
An intermediate high level study of Spanish language and culture taught in a Spanish-speaking country. Total Credits Allowed: 6.00 Prerequisite: SPAN 201 or equivalent

SPAN 400 – Golden Age Drama 3 credit hours
Study of dramatists of the Golden Age of Spanish Literature. Prerequisite: SPAN 205 or equivalent

SPAN 401 – Modern Hispanic Drama 3 credit hours
Spanish and/or Latin American dramatists of the 19th and 20th centuries. Prerequisite: SPAN 205 or equivalent

SPAN 408 – Comparative Grammar 3 credit hours
A comparative and contrastive study of the structures of Spanish and English. Prerequisite: SPAN 308 or permission of instructor

SPAN 419 – Short Story 3 credit hours
Short story in Spanish and/or Latin American literature. Prerequisite: SPAN 205 or equivalent

SPAN 420 – Spanish Novel 3 credit hours
The novels of Spain from the generation of 1898 to present. Prerequisite: SPAN 205 or equivalent

SPAN 421 – Latin American Novel 3 credit hours
Principal works by well-known Latin American novelists of the 20th century. Prerequisite: SPAN 205 or equivalent

SPAN 425 – Modern Hispanic Poetry 3 credit hours
Contemporary poetry of Spain and/or Latin America. Prerequisite: SPAN 205 or equivalent

SPAN 430 – Survey of Latin American Literature 3 credit hours
Survey of literary movements, outstanding authors, and representative prose and poetic works of Latin America from the Colonial period to the present day. Prerequisite: SPAN 205 or equivalent

SPAN 435 – Cervantes 3 credit hours
The principal works of Cervantes with special emphasis on Don Quixote. Prerequisite: SPAN 205 or equivalent

SPAN 460 – History of the Spanish Language 3 credit hours
A study of the development of the Spanish language from its beginnings to the present time. Prerequisite: SPAN 201 or equivalent

SPAN 470 – Seminar in Spanish/Latin American Studies 3 credit hours
The study of literary works and cultural contexts. Topic to be selected and announced in the schedule of courses. May be taken more than once. Total Credits Allowed: 12.00 Prerequisite: SPAN 205 or equivalent

SPAN 475 – Spanish Study Abroad IV 3-6 credit hours
An advanced level study of the language and culture taught in a Spanish-speaking country. Total Credits Allowed: 6.00 Prerequisite: A 300 level Spanish course

SPAN 476 – Spanish Study Abroad IV 3-6 credit hours
An advanced level study of the language and culture taught in a Spanish-speaking country. Total Credits Allowed: 6.00 Prerequisite: A 300 level Spanish course

SPAN 499 – Independent Studies in Spanish 1-3 credit hours
Independent study under the direction of a faculty member. Students are not to take this course when a class course is available. Department Consent Required Total Credits Allowed: 6.00
Speech (SPCH)

SPCH 100 – Fundamentals of Speech Communication 3 credit hours
Study and practice of principles of public speaking.

SPCH 154 – Cross-Cultural Communication 3 credit hours
This course is designed to provide students with effective cross-cultural communication skills.

SPCH 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

SPCH 201 – Classical Traditions in the Communicative Arts 3 credit hours
A study of the contributions of the classical civilizations of Greece and Rome to the arts of communication: rhetoric and oratory, theatre and interpretation, and a study of classical influences on modern communication.

SPCH 202 – Communication Concepts in Society 3 credit hours
A survey of the basic concepts of communication through application to different contexts and through examination of literature and methods in communication research.

SPCH 205 – Voice and Articulation 3 credit hours
Designed to improve voice articulation and projection.

SPCH 222 – Oral Interpretation of Literature 3 credit hours
Performing from great literature, developing close appreciation of the aesthetic elements of prose, poetry, and drama from the performing artist’s viewpoint.

SPCH 230 – Nonverbal Communication 3 credit hours
Study of principles and effects of nonverbal communication.

SPCH 231 – Introduction to Forensics and Debate 3 credit hours
Study of debate and individual events procedures focused on skills of investigation and presentation.

SPCH 237 – Intercollegiate Debate and Forensics 1-4 credit hours
For students interested in intercollegiate debate and individual events tournaments.
Total Credits Allowed: 4.00

SPCH 252 – Communication Inquiry 3 credit hours
Improve researching skills by applying knowledge of experimental design to analyze, evaluate, and interpret research writing within the Communication field.
Prerequisite: SPCH 202 or instructor approval

SPCH 270 – Advanced Public Speaking 3 credit hours
This course will provide advanced work in speaker’s delivery regarding: voice, body language, gestures, and facial expression. Two aspects of language will be considered: technical and influential. Speechwriting as a skill and a profession will be introduced. Speeches in the impromptu, extemporaneous and manuscript style will be presented by the students.
Prerequisite: SPCH 100

SPCH 278 – Communication Inquiry Honors 3 credit hours
Study of principles and effects of nonverbal communication.

SPCH 280H – Special Topics-Honors 3 credit hours
Study of interpersonal and relational communication including the role of verbal and nonverbal communication in relationship development and maintenance, conflict management and interpersonal influence.

SPCH 301 – Introduction to Organizational Communication 3 credit hours
Students in this course will be introduced to the constitutive role that communication plays within organizational settings through studying the various theoretical approaches of the organizational communication discipline.

SPCH 332 – Logic Argumentation and Reasoning 3 credit hours
An examination of theories of practical logic with emphasis on rational decision making.

SPCH 340 – Professional Communication 3 credit hours
The course is designed to have a student consider his/her future career and the communication skills necessary in order to be successful in that career. The following skills will be presented: professional presentation skills, exploration of professional development topics that will aid interviewers to be effective, research into potential career opportunities, creation of an online resume, preparing for and conducting of a virtual job interview. The student will develop an online video profile that supplements their job application and resume.
Prerequisite: General Studies oral communication requirement and either junior standing or instructor approval

SPCH 360 – Persuasion and Propaganda 3 credit hours
The study and practice of persuasion.

SPCH 370 – Small Group Communication 3 credit hours
Study of small group communication theory and participation in various types of group discussion and activities.

SPCH 380 – Rhetorical Criticism 3 credit hours
Study of how to understand the consequences of persuasive communication, how to evaluate its quality, and how to be an effective agent of change.

SPCH 400 – The Teaching of Speech 3 credit hours
A methods course dealing with practical aspects of structuring and planning a speech-theatre program in the secondary schools.

SPCH 401 – Seminar: Special Topics 1-3 credit hours
Course work on a specific topic of communication designed by the teacher.
Total Credits Allowed: 15.00

SPCH 445 – Diffusion of Innovations 3 credit hours
Diffusion of innovations examines the adoption of innovations by individuals in a social system from the perspective of a communication based model. Examples of innovations include fashion trends, campaign slogans, communication technologies, hygiene practices, birth control, farming practices, hybrid powered automobiles, types of government rule (democracy) and genetically engineered foods. The diffusion phenomenon is examined emphasizing social and individual points of view. Class sessions are mostly based on lecture, with some discussion. Assessment tools include exams, case studies, and a final semester project. The final project will be presented to the class.
SPCH 450 – Language, Thought & Action  3 credit hours
Students will study how people use language to exchange meaning, influence one another, and accomplish goals as a fundamental aspect of social interaction in any context. The focus of the course is on different theoretical perspectives used to understand language and different methods of examining social interaction. Prerequisite: SPCH 252 or instructor approval

SPCH 451 – Leadership Communication  3 credit hours
A study of the characteristics, styles, roles, and strategies of leaders with emphasis on parliamentary process.

SPCH 452 – Advanced Organizational Communication  3 credit hours
Students in this course will investigate a variety of significant organizational communication issues that contribute to the development and maintenance of the organizational workplace. Students will apply theories through case studies and projects. Prerequisite: SPCH 301

SPCH 453 – Interviewing  3 credit hours
Theories and techniques of interviewing, including information gathering, employment, appraisal and persuasive interviewing.

SPCH 454 – Intercultural Communication  3 credit hours
Study of communication across cultures.

SPCH 455 – Communication Training and Consulting  3 credit hours
A study of how to plan, conduct and evaluate communication training and development programs within the organization.

SPCH 456 – Rhetorical Theory  3 credit hours
Historical study of theories of persuasive communication from early Greek and Roman times.

SPCH 457 – Contemporary Rhetorical Theory  3 credit hours
Modern rhetorical theories.

SPCH 458 – Organizational & Relational Communication Senior Practicum  3 credit hours
The capstone in communication is intended to serve as a culminating experience for communication majors. Students will engage in a significant service project that will lead to assignments that allow them to integrate their experiences across different courses, apply the written and oral communication skills they have learned, and engage in professional development. Prerequisite: Senior status as an Organizational and Relational Communication major.

SPCH 460 – Independent Study and Research  1-4 credit hours
Investigation of selected problems or topics on an individual basis. Obtain form from the Department office. Total Credits Allowed: 6.00

SPCH 475 – Internship  1-6 credit hours
In-depth study for advanced students through practical experience in the business and professional world in the area of speech communication. Department Consent Required Total Credits Allowed: 6.00

SPCH 499 – Communication Theory  3 credit hours
An overview of theory and major theorists in the field of communication.

Statistics (STAT)

STAT 235 – Introduction to Statistics for Social Sciences  3 credit hours
An introduction to statistics for educational and sociological research. The course will include descriptive statistics, normal distribution and an introduction to correlation and hypothesis testing. Prerequisite: Completion of MATH 101 or MATH 102 or MATH 115 or MATH 123 or Math ACT score of 20 or greater Students may not enroll in STAT 235 after earning credit for STAT 241.

STAT 241 – Elementary Statistics  3 credit hours
An introduction to statistics for sciences and business. The course will include graphing techniques, descriptive statistics, elementary probability models, estimation and hypothesis testing, and an introduction to correlation and regression. Prerequisite: MATH 101 or MATH 102 or MATH 123 or MATH 115 or ACT Math score of 20 or greater

STAT 345 – Applied Statistics I  3 credit hours
Descriptive statistics; statistical inference using the binomial, normal, F and Chi Square distributions; and analysis of variance topics. Recommended for departmental majors as the beginning applied statistics course. Prerequisite: MATH 115 or MATH 123

STAT 399 – Internship  1-4 credit hours
On the job experience designed to complement the major. Internships are available only in selected areas. Consult with departmental advisor. (Credit/No Credit) Total Credits Allowed: 4.00 Prerequisite: MATH 115 or MATH 123

STAT 441 – Probability and Statistics  3 credit hours
The mathematical development of discrete and continuous probability distributions including multivariate distributions, moments and moment generating functions, the special discrete and continuous probability distributions, the normal distribution, sampling distributions, and hypothesis testing. Prerequisite: MATH 260

STAT 442 – Mathematical Statistics  3 credit hours
A continuation of STAT 441. The further mathematical development of special probability densities, functions of random variables, sampling distributions, decision theory, point and interval estimators, hypotheses testing, and covariance. Prerequisite: STAT 441

STAT 495 – Independent Study in Statistics  1-3 credit hours
An individual investigation by the student of topics not included in the normal statistics offerings. Department Consent Required Total Credits Allowed: 3.00
Supply Chain Management (SCM)

SCM 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

SCM 304 – Negotiation Fundamentals, Strategies & Tactics  3 credit hours
This introductory course will explore the fundamental negotiation concepts, practices, and strategies used by supply chain professionals. Concepts will be presented in a manner that involves students directly so they can develop a better understanding of the different types of strategies and tactics used during a negotiation. In addition to traditional power negotiation tactics, students will learn how principled negotiation skills can enhance their ability to resolve issues requiring negotiations both in an effective manner and with integrity.
Prerequisite: Sophomore standing

SCM 317 – Principles of Supply Chain Management  3 credit hours
The theories, principles and methods involved in supply chain management with emphasis on creating customer value. Discussion of present day issues and policies related to establishing competitive strategies, market development, brand loyalty, collaborative innovation, and new product launches.
Prerequisite: Sophomore standing

SCM 402 – Materials Management and Procurement  3 credit hours
This course presents the basic principles in purchasing and outsourcing and their management as a critical subsystem within an organization. Topics will include purchasing policy and procedures, purchasing strategies, value analysis, materials planning, make-or-buy decisions, vendor management, principles of inventory management, in a wide range of sectors such as wholesalers, retailers, dealerships, manufacturers, government and other service providers in both technical and non-technical industries
Prerequisite: Junior standing

SCM 403 – Logistics and Transportation  3 credit hours
Logistics can be defined as the management of goods, services and information flows from the original source of raw materials to the final consumer in a manner which produces customer satisfaction and value. This course will cover many aspects of business logistics including supply chain management, demand management, customer service, transportation, inventory management, warehousing, global logistics and information flow.
Prerequisite: Junior standing

SCM 456 – Supply Chain Management Senior Seminar  3 credit hours
The capstone is specifically designed for students who are about to begin an SCM related career. By examining real-world SCM issues, students will develop and apply those skills required for success in supply chain management related careers. This course is project-intensive, group-oriented, highly participative, and comprehensive.
Prerequisite: SCM 476 and senior standing or permission

SCM 476 – Supply Chain Management Internship  1-9 credit hours
A work experience program planned for students preparing for employment in the field of supply chain management. The learning situation is organized and supervised cooperatively by the academic department and the personnel of approved business partners. Work experience is approved and evaluated by the department.
Department Consent Required
Total Credits Allowed: 9.00
Prerequisite: Junior standing and SCM 317 and approval of instructor

Teacher Education (TE)

TE 100 – Teaching in a Democratic Society  3 credit hours
The first course for all teacher education majors. The key course themes are democracy, diversity, and technology. Current educational issues will be explored. The course includes a field experience in K-12 school sites. Concurrent enrollment in a matched section of PSCI 110 is encouraged.

TE 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

TE 204 – Growth & Development/Introduction to Exceptionalities  4 credit hours
This course is one of the two required classes for Level II education majors. Students will become aware of human development and exceptionalities as related to five specific categories: physical development, emotional/behavioral development, social development, language development, and cognitive development. As students explore these five categories, they will also be made aware of how disabilities may alter the development of an individual. Early childhood, middle childhood, early adolescence, and late adolescence are the four major age groups explored within the development and exceptionalities areas. Students will also be made aware of the concepts of diversity, democracy, and technology in a classroom. As students progress through the semester, they will be asked to observe individual students in a K-12 partner school setting. The field experiences embedded in the structure of the semester will allow students to make the connection between course content and theory and the relevance of development in a classroom setting. Subsequently, a case study will be compiled by each student using the data collected and analyzed from the field observations. Assessment of dispositions and the case study completed in this course are required common assessments in the Teacher Education program.
Prerequisite: Sophomore standing or above

TE 206 – Instructional Technology and the Preservice Teacher  3 credit hours
This course will introduce preservice teachers to a variety of technologies and strategies for their use in the instructional process to accommodate diverse students. Preservice teachers will comprehend and model ethical and democratic principles of instructional technology integration in their classrooms. One course requirement is a P-12 school-based project.
TE 207 – Designing and Implementing eLearning  3 credit hours
This course focuses on the principles of instructional design in the online environment. A variety of eLearning software will be used and online instructional techniques and strategies will be developed and employed.

TE 306 – Reading and Inclusion in K-12 Classrooms  2 credit hours
This course is designed to introduce practical techniques for teaching reading and inclusive methods for learners with exceptionalities in content areas. Content area reading instruction and effective inclusive practices for both elementary and secondary students will be addressed.
Prerequisite: Admission to Teacher Education

Prerequisite: Admission to Teacher Education and TE 318 or TE 319.

TE 314 – Phonics and Word Study  2 credit hours
This course focuses on the teaching of phonics in an elementary classroom setting. The philosophy of teaching phonics, as advocated by the National Council of Teachers of Mathematics will be introduced. The teaching methodology will center on the mathematical content strands of number/operation and algebra as well as the process strands of problem solving, making connections, and reasoning.
Prerequisite: TE 204.
Corequisite: TE 313 and MATH 230.

TE 312 – Math Methods II  2 credit hours
This course focuses on the teaching of mathematics in an elementary classroom setting. The philosophy of teaching mathematics, as advocated by the National Council of Teachers of Mathematics will be emphasized. The teaching methodology will center on mathematics content strands of number/operation, geometry/measurement, and data analysis and probability.
Prerequisite: Admission to Teacher Education and TE 311.
Corequisite: TE 313.

TE 313 – Field Experience: Math  0.5 credit hours
The course is designed to provide practical application of effective mathematics instructional skills and assessment techniques. Students will be placed in one or more elementary classroom settings for a total of fifty (50) clock hours. Students will develop and implement math activities, lessons plans, and assessment procedures with individual students, small groups, and the entire class.
Total Credits Allowed: 1.00
Corequisite: TE 311 or TE 312.

TE 314 – Phonics and Word Study  2 credit hours
This course is designed to teach phonics/word study skill instruction in inclusive K-6 classrooms. The course will emphasize phonemic awareness, phonics, sight word recognition, and spelling in a balanced literacy program.
Prerequisite: Admission to Teacher Education and TE 318 or TE 319.
Corequisite: TE 315 and TE 316 and TE 317.

TE 315 – Literacy Assessment  2 credit hours
This course emphasizes the assessment of literacy in grades kindergarten through three. The teacher candidate will learn how to administer and interpret assessments of reading and writing ability.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 314 and TE 316 and TE 317.

TE 316 – Primary Grades Literacy  2 credit hours
This course focuses on the teaching of literacy in the primary grades (K-3). The course will emphasize a balanced literacy perspective for the development of reading and writing abilities by primary age children in the inclusive primary grades classroom.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 314 and TE 315 and TE 317.

TE 317 – Field Experience: Literacy  1 credit hour
The course is designed to provide practical application of effective primary literacy instructional skills and assessment techniques. Students will be placed in one or more elementary (Kindergarten to Grade 3) classroom settings for a total of fifty (50) clock hours. Students will develop and implement primary literacy lessons plans and assessment procedures.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 314 and TE 315 and TE 316.

TE 318 – Management and Assessment in Preschool/Elementary Classrooms  2 credit hours
This course is designed to prepare students for the challenges of effectively managing the classroom and assessing student progress. The course emphasizes: planning, preparing, establishing routines, monitoring and managing student behavior, aligning standards-based assessments, determining assessment alternatives, and interpreting assessment results.
Prerequisite: Completion of or concurrent enrollment in TE 204

TE 319 – Management and Assessment in K-12/Secondary Classrooms  2 credit hours
This course is designed to prepare students pursuing K-12/Secondary endorsements for the considerable challenges of effectively planning and designing classroom instruction, assessing student progress toward defined objectives and managing student behavior. The course will emphasize: planning and preparation, standards-based instruction, assessment alternatives, creating quality assessment tools, standardized testing, interpreting assessment results, and managing student behavior in a variety of K-12 settings.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 320 or ART 371 or CDIS 312 or MUS 356 or MUS 467 or PE 471.

Prerequisite: Admission to Teacher Education.
Corequisite: TE 319.

TE 320 – Field Experience in Secondary Classroom  2 credit hours
This 100 clock hour minimum field-based experience is designed to induct students K-12/Secondary endorsements into classroom teaching and develop an awareness of the many roles of a professional K-12 Secondary educator. Under the mentorship of a middle/secondary educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 319.

TE 327 – Introduction to Language Minority Students  2 credit hours
The purpose of this course is to provide the prospective entry-level teacher with information relating to changing demographics underlying the presence of language minority students in the public schools, the acculturation process, the terminology of second language education, legal issues for Limited English Proficient (LEP) students, and program models designed to serve them. Special attention is given to identifying the attitudes, skills, and behaviors which the monolingual classroom teacher needs to develop in order to effectively teach language minority students.
Prerequisite: TE 100
TE 328 – Content Methods in English as a Second Language  3 credit hours
This course is designed to provide classroom and English Second Language (ESL) teachers with knowledge and skills necessary to work with ELLs in mainstream classrooms or in pull-out, sheltered, newcomer, or structured English immersion programs. The aim is to satisfy the twin goals of learning social (BICS) and academic (CALPS) English while not allowing students to fall behind in content instruction. Prerequisite: TE 100

TE 329 – Educational Assessment of ESL Students  3 credit hours
This course is designed to prepare the ESL classroom teacher to organize and implement an appropriate ESL assessment program in a public school. While the course will review principles of measurement and interpretation of current educational tests (intelligent, achievement, language proficiency, and adjustment scales), special emphasis will be placed on other areas as well: cross-cultural communication which include parent-teacher conferences, home visits, and promoting cultural understanding in the classroom; the development of alternative and equitable forms of assessment (authentic, portfolio, and curriculum assessment); and the implementation of a program including hands-on testing practice, the placement of students within an ESL program (or in the regular classroom), and the justification of the program to both regular classroom teachers and administrators. Prerequisite: TE 100

TE 331 – Intermediate Literacy  3 credit hours
This is a reading class designed for undergraduate students seeking an endorsement in Elementary Education or for those students seeking a Middle School Endorsement. This course will emphasize the following: the development of literacy skills in the intermediate child including comprehension skill development, vocabulary development and fluency development in narrative and expository text. The class will emphasize a balanced approach to reading instruction. A variety of theoretical approaches will be explored. Prerequisite: Admission to Teacher Education

TE 333 – Reading in the Content Area in Middle Level Classrooms  3 credit hours
This course is designed to introduce practical techniques of teaching literacy in a middle level setting for all learners. The responsibilities of teachers in the content area of reading instruction and effective practices for all learners will be addressed. Prerequisite: Admission to Teacher Education

TE 335 – Inclusive Methods K-3  3 credit hours
The focus of this course is on understanding primary grade children’s development, how this is impacted by disability, and how giftedness, medical conditions, culture and other personal factors may influence development and learning. Students will learn how to organize K-3 classrooms to create a positive learning climate, encourage social relationships among peers, build positive behavioral supports, differentiate instruction, and integrate inclusive strategies across academic areas to maximize learning. Students will also understand the role of the special education teacher and how to implement IDIEA and Response To Intervention (RTI) for primary grade children. Prerequisite: Admission to Teacher Education and TESE 334 and TESE 334L. Corequisite: TE 335L.

TE 336 – Methods for Preschool and Kindergarten Classrooms  3 credit hours
This course is designed to provide practical application of inclusive practices for kindergarten and primary grade children. Students will work in K-3 classrooms with assigned children who have disabilities, medical conditions, or other special needs that affect learning. Students will engage in experiences that will enhance their knowledge of Response to Intervention, and Special Education services for this age group. The experiences shall consist of 30 clock hours. Corequisite: TE 335.

TE 338 – Infant and Toddler Mental Health  2 credit hours
This course is designed to provide students with the knowledge and practical skills necessary to integrate mental health support and services into early childhood program (center based, home based and home visitation). Students will investigate key infant toddler mental health principals and understand the latest research and best practice related to infant mental health.

TE 339 – Infant and Toddler Curriculum  2 credit hours
This course is designed to help students plan a responsive and relationship-based curriculum for infants, toddlers and their families. Students will compare and contrast research based infant toddler curriculums, as well as review a variety of caregiver resources. Students will learn how to plan curriculum, produce individualized lesson plan that reflect children's interests while also meeting program criteria and performance standards. In addition, students will explore a variety of early childhood program options including home childcare, home visitation and center based care.

TE 341 – Foundations of Early Childhood Education  2 credit hours
The focus of this introductory course is on historical and philosophical developments in the care and education of children with typical and atypical development, birth through age eight. Legal basis of services for young children and current social issues and legislation are studied. Students are introduced to the range of children served and developmentally appropriate practices for each of the age groups: infants and toddlers, preschoolers, kindergarteners, and primary grade children.

TE 342 – Literacy Methods for the Preschool Teacher  2 credit hours
The focus of this course is on preparing teachers to create effective beginning literacy programs for young children. Primary focus will be on preschool aged children with attention to both typical, atypical, and second language development. Students will learn how to create positive learning environments, (3) know how to address literacy-rich environments, (4) learn important teaching strategies to effectively promote early language skills, and (5) address the language needs of a diverse range of learners, including those with disabilities and Dual Language Learners. Prerequisite: TE 336 or permission
TE 343 – Methods of Inclusive Education Birth through Age 3 3 credit hours
This course is designed to provide students with the experiential knowledge and practical skills necessary to select, evaluate, develop, adapt, and implement developmentally appropriate inclusive instructional strategies for infants and toddlers birth through age three across developmental domain areas. Students will focus on arranging inclusive environments, monitoring children’s progress, working with IFSP’s, and embedding inclusive teaching strategies within the context of developmentally appropriate curriculum materials to maximize healthy development and learning for infants and toddlers with and without disabilities. Prerequisite: Admission to Teacher Education and TESE 334 or FAMS 150. Corequisite: TE 343L.

TE 343L – Field Experience: Birth to Age 3 0.5 credit hours
This course is designed to provide practical application of integrated, inclusive instructional strategies and assessment procedures for all young children birth through age three. Student will be placed in early childhood teaching environments with children birth through age three including children with disabilities. The experiences shall consist of 30 clock hours with 20% of the hours (6 hours) in settings with children with a range of disabilities. Corequisite: TE 343.

TE 344 – Methods of Inclusive Education Ages 3 to 5 3 credit hours
This course is designed to provide students with the experiential knowledge and practical skills necessary to select, evaluate, develop, adapt, and implement developmentally appropriate inclusive curricular materials and instructional strategies for children ages 3 to 5. Students will focus on arranging inclusive environments, working with IEPs, and embedding inclusive teaching strategies within the context of developmentally appropriate curriculum materials to maximize healthy development and learning for children ages 3 to 5 with and without disabilities, including those who are gifted or who are English Language Learners. Prerequisite: Admission to Teacher Education and TESE 334 or FAMS 150. Corequisite: TE 344L.

TE 344L – Field Experience: Ages 3 to 5 0.5 credit hours
This course is designed to provide practical application of integrated, inclusive instructional strategies and assessment procedures for all young children ages three to five. Students will be placed in early childhood teaching environments with children age 3 through age five including children with disabilities. The experiences shall consist of 30 clock hours with 20% of the hours (6 hours) in settings with children with a range of disabilities. Corequisite: TE 344.

TE 345 – Field Experience: Early Childhood Unified 0.5 credit hours
This course is designed to provide practical application of integrated, inclusive instructional strategies and assessment procedures for all young children birth through age eight. Students will be placed in early childhood teaching environments with children birth through age eight including children with disabilities. The experiences shall consist of 25 clock hours with 20% of the hours (5 hours) in settings with children with a range of disabilities. Total Credits Allowed: 1.00 Prerequisite: Admission to Teacher Education or FAMS 150. Corequisite: TE 343 or TE 344.

TE 346 – Early Childhood Program Administration 1 credit hour
This course is designed to provide students with a comprehensive understanding of the administrative aspects of early childhood programs. This course will prepare students to plan a facility, identify program goals, work with community resources, collaborate with schools and other early childhood programs, implement an early childhood program, and evaluate program quality. Prerequisite: TE 341

TE 347 – Literacy Methods 0-3 2 credit hours
The focus of this course is on preparing teachers to create effective beginning literacy programs for young children. Primary focus will be on children ages 0-3 years. Students will (1) understand child development in relation to oral and written language, (2) know how to create literacy-rich environments, (3) learn important strategies to effectively promote early language and literacy skills, (4) be able to assess young children’s language and literacy skills, (5) be able to support parents as the primary educator of their children and (6) address the language needs of a diverse range of learners, including those with disabilities and English Language Learners. Prerequisite: TE 100 or FAMS 250 or FAMS 251

TE 348 – Math, Science, and Social Studies for Children 0-8 3 credit hours
This course is designed to provide students with the experiential knowledge and practical skills necessary to develop, and implement developmentally appropriate curricular materials and instructional strategies in the areas of math, science, and social studies for children 0-8. Students will develop an understanding of social concepts and mathematical and scientific processes in the context of child development and how to implement activities and experiences across subject areas and themes that engage children in the learning process and help them internalize foundational concepts. Students will develop the skills to prepare materials and activities that are culturally sensitive, and address the needs of children with and without disabilities, including those who are gifted or who are English Language Learners. Prerequisite: TE 336 or TE 311

TE 349 – Supporting Young Children Through Family & Community Involvement 1 credit hour
This course is designed to help students acquire the critical skills they need to establish effective, productive relationships with the families of young children and members of the community. Students will utilize a wide array of realistic case studies, and issues for discussion that sensitively address the increasing diversity of family structures in society. In addition, students will have a better understanding of parents and families and the resources available to them.

TE 351 – Reading in the Content Area 2 credit hours
This is a reading class designed for undergraduate students seeking an endorsement in Elementary Education or for those students seeking a Middle School Endorsement. The course will emphasize the following: the reading process, textbook selection, the structure of texts, vocabulary, comprehension, questioning and study skills, writing across the curriculum, curriculum, literature and technology integration. Prerequisite: Admission to Teacher Education. Corequisite: TE 352 and TE 353 and TE 354.
TE 352 – Elementary Social Studies Methods  3 credit hours
This course provides the student with an overview of the purpose and structure of social studies in the elementary school curriculum. Specific focus on appropriate knowledge and skill in teaching social studies. Students will be engaged in constructivist activities that promote an inquiry-based social studies program for the elementary grades.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 351 and TE 353 and TE 354.

TE 353 – Elementary Science Methods  3 credit hours
This course is designed to help students develop knowledge and skill in the teaching of science at the elementary school level. The course emphasizes the rationale and techniques used to develop and implement inquiry-based science lessons in grades K-6.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TE 351 and TE 352 and TE 354.
Additional Course Fee Required

TE 354 – Field Experience in Elem School Science, Social Studies, and Content Area Read  1 credit hour
This course provides students with 50 clock hours of field experience in the teaching of science, social studies, and content-area reading at the elementary school level.
Prerequisite: Admission to Teacher Education Program and TE 318.
Corequisite: TE 351 and TE 352 and TE 353.

TE 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

TE 400 – Student Teaching  12-17 credit hours
Student teaching is the capstone experience in the teacher education process and is the culminating course for all endorsement programs. During student teaching, teacher education students spend a minimum of 16 weeks in an approved PreK-12 school, to observe, participate and teach under the supervision of an experienced teacher.
Total Credits Allowed: 17.00

Prerequisite: Admission to Teacher Education Program.
Corequisite: TE 473.

TE 408 – Human Relations  1 credit hour
Designed to enable the future classroom teacher to promote multicultural understanding through varied learning experiences focusing on language and cultural diversity. This course meets the Human Relations requirement specified in Rule 20 by the Nebraska Department of Education.

TE 411 – Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms  3 credit hours
The course addresses the instructional needs of students with exceptionalities and giftedness in integrated settings. Special education referral process, Rule 51, Rule 3, Section 504, analysis of instruction/environment and its impact on learning, assignment/assessment modification, behavioral issues, and evaluation of student learning will be emphasized.
Prerequisite: Admission to Teacher Education Program and TE 311 or TE 471 or TE 472.

TE 424 – Teaching English to Speakers of Other Languages TESOL  3 credit hours
This course addresses the foundations of Teaching English as a Second Language, including the historical origins, theories, professional practices, and current trends both in the United States and around the world.

TE 471 – History and Philosophy of Middle School  3 credit hours
This course is designed to prepare students to understand the background and current trends in middle level education. It also will prepare students to understand the particular developmental needs that young adolescents experience and how middle level teachers develop curriculum and classroom activities to meet the cognitive, social, emotional and physical needs in the classroom.
Prerequisite: TE 100

TE 472 – Management and Assessment in Middle Level Classrooms  2 credit hours
This course is designed to prepare students for the considerable challenges of effectively planning and designing classroom instruction, assessing student progress toward defined objectives and managing student behavior at the middle level. The course will emphasize: planning and preparation, standards-based instruction, assessment alternatives, creating quality assessment tools, standardized testing, interpreting assessment results, and managing student behavior at the middle level.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TE 473.

TE 473 – Field Experience in Middle Level Classrooms  1 credit hour
This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator at the middle level. Under the mentorship of a practicing middle grades educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators at the middle level.
Total Credits Allowed: 2.00

Prerequisite: Admission to Teacher Education Program.
Corequisite: TE 472.

TE 474 – Problem Solving in the Elementary and Middle School Classroom  3 credit hours
Topics include activities with hand-held calculators, topics from number theory, geometry, new looks at old geometry problems, problem solving as a process, probability, statistics and mathematical systems.

TE 480 – Information Technology, Ethics, and Social Responsibility  3 credit hours
This course addresses ethical, human and social issues related to information technology, which also include privacy, accessibility, copyright, intellectual property, plagiarism and information validity. Participants in this course will examine and practice ethical and legal use of technology systems and digital content that model citizenship in the digital age.

TE 498 – Independent Study  1-3 credit hours
Investigation of a selected topic or problem on an individual basis. Designed to serve students in teacher education who desire additional study in an area of interest. (Grading A-F)
Total Credits Allowed: 6.00
TE 499 – Special Topics  1-3 credit hours
This course serves identified needs and interests of specific target groups. Content of the course, dates, and time arrangements are determined by the Department of Teacher Education.
Total Credits Allowed: 6.00

Teacher Education Montessori (TEMO)

TEMO 403 – Montessori Early Childhood Philosophy and Child Development  3 credit hours
Students will study the basic theories, stages and areas of child development according to the major contemporaries. Students will become knowledgeable about the complex interaction between heredity and environmental factors (including school, home and neighborhoods). Students will learn how to observe, record and analyze a child's physical, motor, social-emotional and cognitive development for the specific age level of intended certification. An introduction to the philosophical ideas (i.e., absorbent mind, sensitive periods, social-mathematical mind, spiritual and moral development) of Dr. Maria Montessori as they relate to the child, material, teacher and environment are presented.

TEMO 404 – Montessori Elementary I Core Applications I  3 credit hours
The primary goal of this course is to prepare the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the areas of Biology/Physical Science, and Math/Geometry at the Elementary I level and develop appropriate curriculum for these areas. Students will also support the development of Practical Life skills. Students will further refine their ability to observe, record and analyze a child's physical, motor, social-emotional and cognitive development for the child from 6-9 years of age, and address the needs of the exceptional child in the Montessori classroom.
Prerequisite: TEMO 406 and TEMO 410.
Corequisite: TEMO 408.

TEMO 406 – Montessori Elementary I Physical Science/Biology  3 credit hours
The primary goal of this course is to acquaint the student with the Montessori Physical Science/Biology methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori Physical Science/Biology.
Prerequisite: TEMO 403

TEMO 407 – Montessori Elementary I History/Geography  3 credit hours
The primary goal of this course is to acquaint the student with the Montessori Geography/History methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori Geography/History.
Prerequisite: TEMO 403

TEMO 408 – Montessori Elementary I Core Applications II  3 credit hours
The primary goal of this course is to prepare the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of History/Geography, and Language and Grammar, at the Elementary I level and develop appropriate curriculum for these areas. Students will also be prepared to design, lead, and prepare art, music, and movement within the Elementary Montessori classroom so children can express themselves through these modalities. Students will be introduced to Montessori's peace philosophy and guided activities that can be implemented into the Montessori classroom, and will develop leadership skills needed for effective advocacy and direction in the Montessori environment.
Prerequisite: TEMO 407 and TEMO 409.
Corequisite: TEMO 404.

TEMO 409 – Montessori Elementary I Language and Grammar  3 credit hours
The primary goal of this course is to acquaint the student with the Montessori language/grammar methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori language/grammar.
Prerequisite: TEMO 403

TEMO 410 – Montessori Elementary I Mathematics/Geometry  3 credit hours
The primary goal of this course is to acquaint the student with the Montessori mathematics/geometry methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori mathematics/geometry.
Prerequisite: TEMO 403

TEMO 411 – Montessori Early Childhood Practical Life  3 credit hours
This course is designed to prepare the student to present and facilitate the role of concentration, coordination, independence as they relate to problem-solving, choice, decision-making, and responsibility for learning on the part of the child in a Montessori early childhood classroom. The primary goal of this course is to prepare the student with the Montessori practical life curriculum materials, their rationale and sequence in the classroom; and for the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of practical life development at the Early Childhood level.
Prerequisite: TEMO 403

TEMO 412 – Montessori Early Childhood Math and Sensorial  3 credit hours
This course is designed to prepare the student to identify and present materials aiding the education and refinement of the senses and to present and facilitate the Montessori Math and Sensorial philosophy for the child from 2.5 to 6 years, use of the Montessori didactic Math and Sensorial materials, and the sequential order of the Montessori curriculum as part of the environmental design for a Montessori early childhood classroom. The primary goal of this course is to prepare the student with the Montessori Math and Sensorial curriculum materials, their rationale and sequence in the classroom; and for the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the areas of mathematical and sensorial development at the Early Childhood level.
Prerequisite: TEMO 403 and TEMO 411
TEMO 413 – Montessori Early Childhood Language and Grammar 3 credit hours
This course is designed to prepare the student to identify and present materials aiding in the development of language arts skills for the child in a Montessori early childhood classroom. The primary goal of this course is to prepare the student with the Montessori language curriculum materials, their rationale and sequence in the classroom; and for the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of language development at the Early Childhood level.
Prerequisite: TEMO 403 and TEMO 411

TEMO 414 – Montessori Early Childhood Core Applications I 3 credit hours
The primary goal of this course is to prepare the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of practical life, math, and sensorial development at the Early Childhood level. Students will also refine their ability to observe, record and analyze a child's physical, motor, social-emotional and cognitive development for the child from 2.5-6 years of age, and address the needs of the exceptional child in the Montessori classroom.
Prerequisite: TEMO 411 and TEMO 412.
Corequisite: TEMO 415.

TEMO 415 – Montessori Early Childhood Core Applications II 3 credit hours
Students will develop, refine and implement the skills necessary to become an effective Montessori teacher in the areas of language, science, social studies at the Early Childhood Level. Students will also be prepared to design, lead, and prepare art, music, and movement within the Montessori classroom so children can express themselves through these modalities. Students will also become knowledgeable in designing and implementing effective communication and collaboration with Montessori families. Students will be introduced to Montessori’s peace philosophy and guided activities that can be implemented into the Montessori classroom, and will develop leadership skills needed for effective advocacy and direction in the Montessori environment.
Prerequisite: TEMO 411 and TEMO 413.
Corequisite: TEMO 414.

TEMO 416 – Montessori Practicum: Early Childhood 3 credit hours
The function of the Practicum Phase is to provide for the student a supervised teaching/learning experience for children ages 2.5 to 6 and a period of observation, internalization, and further study, to bring together the theory and practice of Montessori early childhood education.
Prerequisite: TEMO 414 and TEMO 415

TEMO 417 – Montessori Practicum: Elementary 1 3 credit hours
The function of the Practicum Phase is to provide for the student a supervised teaching/learning experience for children 6-9 and a period of observation, internalization, and further study, to bring together the theory and practice of Montessori Elementary education.
Prerequisite: TEMO 404 and TEMO 408

Teacher Education Special Education (TESE)

TESE 323 – Partnerships with Families 1 credit hour
This course concentrates on the teacher’s role in building successful relationships between families, educators, schools, and communities. Concrete strategies for increasing respectful, successful family-school partnerships that enhance children’s school success will be emphasized.
Prerequisite: Completion of or concurrent enrollment in TE 204

TESE 330 – Collaboration, Consultation, and Co-Teaching 3 credit hours
This course is designed to prepare educators for collaborative consultation and co-teaching in serving the educational needs of students, families, educators and community agencies. Skills for communication and collaboration are practiced. Students will learn to work with families and other professionals from all cultural and economic backgrounds, the impact of having a child with special needs. Students will also develop the skills necessary to develop successful co-teaching environments.
Prerequisite: TE 204 or FAMS 251 or FAMS 253

TESE 333 – Serving Young Children with Special Needs 3 credit hours
The focus of this course is to provide a thorough overview of early intervention and early childhood special education, with special attention to medical and disability characteristics of young children with special developmental and learning needs, and how these may be further impacted by cultural and at-risk factors. Students will become familiar with the IFSP and IEP process, including how to collaborate with other team members and work with families, and understand Part C regulations under IDEIA.

TESE 334 – Assessment and Intervention 3 credit hours
The focus of this course is to provide a thorough understanding of the assessment process, uses of assessment for screening, identification, planning for intervention, and progress monitoring. Students will understand the types of assessments used, evaluate assessments to determine the best match for its purpose, and incorporate child factors including disability and culture, to select and use appropriate assessments. Students will use assessment data to make meaningful decisions for intervention.
Prerequisite: TESE 333.
Corequisite: TESE 334L.

TESE 334L – Field Experience: Assessment and Intervention 0.5 credit hours
This course is designed to provide practical application of the assessment process for screening, identification, planning for intervention and progress monitoring. Students will work in early childhood settings with assigned children who have disabilities to administer appropriate assessments and use assessment data to make meaningful decisions for intervention. Students will monitor child progress and adjust interventions as needed to maximize development and learning. The experiences shall consist of 30 clock hours.
Corequisite: TESE 334.

TESE 337 – Field Experience with Students with Multiple Disabilities 0.5 credit hours
The course is designed to provide practical application of learned skills. Students will be placed in a special education setting for a total of twenty-five clock hours. Students will implement learning strategies and develop a behavior intervention plan. Students will also complete five additional hours, work in a classroom, or at events benefiting individuals with disabilities. This course is required for majors in Special Education K-12 and Special Education K-6. It should be taken one to two semesters prior to student teaching.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 372.
TESE 372 – Instructional Strategies for Individuals with Intellectual and Multiple Disabilities 3 credit hours
The course is designed to prepare future educators to provide services for individuals with intellectual disabilities and for individuals with multiple disabilities, which may or may not also include intellectual disabilities. Course topics will include intervention for life skills, communication skills, community-based instruction, alternate curriculum, as well as accommodations and modifications to allow the learner to be included in the general education curriculum where appropriate.
Prerequisite: Admission to Teacher Education.
Corequisite: TESE 371

TESE 421 – Individuals with Exceptionalities 3 credit hours
This introductory course surveys the various disability areas in the field of special education and associated educational implications and procedures. Legislation and the influence on special education are discussed along with contemporary issues and trends in special education. This course meets the exceptionality training requirement specified in Rule 20 by the Nebraska Department of Education.

TESE 437 – Medical Aspects of Individuals with Disabilities 3 credit hours
This course provides students with a general knowledge of the medical conditions seen in children with disabilities. It will familiarize students with terminology, medications, procedures, equipment, and interventions used for children with medical complications. Teacher responsibilities in regards to medical conditions will be covered.
Prerequisite: TE 204

TESE 461 – Legal Issues in Special Education 3 credit hours
This course provides students with the knowledge and understanding of the history and federal regulations in the field of special education. Professional ethics and code of conduct will be emphasized. Students will explore the foundations for various mandated activities such as parents’ rights, IEP components and monitoring, special education placement procedures and mandated timelines.
Prerequisite: Completion of or concurrent enrollment in TE 204

TESE 462 – Assessment and IEP Development 4 credit hours
This course develops the student’s ability to conduct both informal and formal academic assessment in special education. Academic assessment will include administration, scoring, and interpretation of standardized instruments. Academic assessment will also include development and administration, scoring, and interpretation of informal measures to assess needs and growth. Students will learn to report assessment results using the Multi-disciplinary Team Format (M-Team Report). Students will also learn how to use assessment results to develop Individualized Educational Plans (IEP). Both the M-Team Report and IEPs will be written on Nebraska Department of Education forms using the online Student Report System (SRS).
Prerequisite: Junior standing or above
Additional Course Fee Required

TESE 463 – Instructional Strategies for Individuals with Disabilities 3 credit hours
The course is designed to address the instructional needs of students with disabilities. Academic instructional interventions and specialized materials and programs will be emphasized. Students will apply their knowledge of lesson plan development in the co-requisite field experience.
Prerequisite: Admission to Teacher Education Program and TESE 462.
Corequisite: TESE 464 and TESE 467 and TESE 468.

TESE 464 – Field Experience with K-8 Students 1 credit hour
The course is designed to provide practical application of learned skills. Students will be placed in an elementary special education setting for a total of fifty clock hours. Students will develop and implement lesson plans and a behavior change plan.
Total Credits Allowed: 2.00
Corequisite: TESE 463 and TESE 467 and TESE 468.

TESE 467 – Behavioral Interventions 3 credit hours
The course is designed to address behavioral needs of students with disabilities. Functional behavior assessment, behavior intervention plans, and strategies for special behaviors will be emphasized. Students will apply their knowledge of behavior interventions in the co-requisite field experience.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 463 and TESE 464 and TESE 468.

TESE 468 – Assistive Technology 2 credit hours
The course explores assistive technology interventions that enable students with disabilities to participate in the general education curriculum. Interventions will be explored in reading, writing, math, spelling and content areas. Alternative access to computers will be discussed.
Prerequisite: Admission to Teacher Education Program and TESE 462.
Corequisite: TESE 463 and TESE 464 and TESE 467.

TESE 469 – Psychology and Education of Gifted and Talented Learners 3 credit hours
This introductory course will focus on the cognitive, social, and emotional characteristics of gifted/talented learners at various developmental levels and development of appropriate differentiation. Additional topics include methods of identification, implications of cultural diversity, working with families, historical perspectives, important research studies, equity in education, and use of technology.

TESE 470 – Guiding the Social & Emotional Development of Gifted/Talented Learners 3 credit hours
This course focuses on understanding the social and emotional characteristics and development of typical and special populations of gifted/talented learners, current theories and issues related to their guidance and counseling, and principles and strategies of intervention.

TESE 472 – Strategies for Teaching Students with Intellectual Disabilities 2 credit hours
The course is designed to prepare future educators to provide services for individuals with intellectual disabilities. Emphasis will be placed on interventions for life skills, communication, vocational, and functional academics. Additional interventions will include community-based instruction, study skills, and assessment of alternate curriculum. Accommodations and modifications to allow the child to be included in the general education curriculum will also be explored. This course is required for majors in Special Education K-12 and Special Education K-6. It should be taken one to two semesters prior to student teaching.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 471 and TESE 473.
TESE 473 – Teaching Students with Multiple Disabilities  2 credit hours
The course is designed to prepare future educators to provide services for individuals with multiple disabilities. Emphasis will be placed on interventions for life skills, communication, and academics. In addition, future educators will gain knowledge on issues of mobility and positioning which will enhance a child’s ability to reach their full potential. Accommodations and modifications to allow the child to be included in the general education curriculum will also be explored. This course is required for majors in Special Education K-12 and Special Education K-6. It should be taken one to two semesters prior to student teaching. Prerequisite: Admission to Teacher Education Program. Corequisite: TESE 471 and TESE 472.

TESE 474 – Field Experience  0.5 credit hours
The course is designed to provide practical application of learned skills. Students will be placed in a special education classroom for a total of twenty-five clock hours. Students will develop and implement lesson plans and a behavior change plan. Prerequisite: Coerequisite: TESE 475.

TESE 475 – Curriculum Content for Secondary Students with Disabilities  2 credit hours
This course is designed to address the instructional needs of secondary students with disabilities. Task analysis, community-based interventions, functional academics, modification of materials, and alternative assessments will be emphasized. Students will apply their knowledge of lesson plan development in the development of age and ability appropriate lessons in reading, math, and writing both in a school and community/life skills setting. Prerequisite: Admission to Teacher Education Program. Corequisite: TESE 474.

TESE 476 – Transitional Issues for Individuals with Disabilities  2 credit hours
This course provides instruction and guidance in assessment planning and to facilitate educational and employment post-school outcomes will be emphasized. Federal and state laws governing minimum transition practices will be covered. Assessment, transition planning, services, interagency collaboration, resources, and instruction will be discussed to facilitate a successful transition experience. Prerequisite: Admission to Teacher Education Program.

TESE 479 – Teaching Social Skills to Students with Autism Spectrum Disorder  3 credit hours
This course is designed to provide students with the knowledge and skills to teach social skills. Students will be exposed to various social skill programs presently on the market that have been designed for students with special needs. The development of social stories and social scripts will be emphasized. Students will apply their knowledge of lesson plan development in the development of age-appropriate social skills lessons. Additional Course Fee Required

TESE 487 – Teaching Functional Academics to Individuals with Exceptional Needs  2 credit hours
This course is designed to provide students with strategies and interventions to enable the instruction of functional academics for students with exceptional needs. Students will be exposed to techniques for initial instruction in reading, math, and written language emphasizing real-life application. Experiences will include adapting general standards and curriculum and applying them to meet IEP functional goals and objectives.

Theatre (THEA)

THEA 120 – Introduction to the Theatre  3 credit hours
Study of theatre as a continuing cultural tradition. Designed to explore the role of theatre in society, and acquaint theatre majors and non-majors alike with the basic areas of theatre practice and study. Topics covered may include theater history, dramatic literature, acting, playwriting, theatre technology, and/or design. Methods of instruction include discussions, projects, and hands-on experience with mainstage productions. Additional Course Fee Required

THEA 121 – Completing the Look: The Art of Costuming  3 credit hours
Introduction to several techniques and skills used to complete the look of a costume through the art of making masks, period underpinnings (corsets, bustles, etc.), fabric modification, millinery (hats), and armor with a focus on developing a working knowledge of the materials, methods, tools, and supplies used by costume technicians. Additional Course Fee Required

THEA 135 – Introduction to Stage Technology  3 credit hours
Foundation to the skills and craft of technical theatre including scenery, lights, and sound. A focus on developing a working knowledge of the equipment, techniques, tools, materials, and methods basic to theatre technicians. Methods of learning include discussions, construction projects, and shop work on mainstage productions. Additional Course Fee Required

THEA 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course. Total Credits Allowed: 6.00 Prerequisite: First year freshman standing or sophomore standing only.

THEA 210 – Playscript Analysis  3 credit hours
Introduction to the techniques necessary to read, analyze, and understand playscripts for direction, performance, design, or research. Includes the exploration of dramatic structure, plot, character, imagery, and other elements which distinguish plays from other forms of literature.

THEA 222 – Oral Interpretation of Literature  3 credit hours
Development of expression, interpretation, and delivery skills involved in oral presentations through performance of literature, prose, poetry, and drama. Studies may include such topics as literary selection, articulation, projection, and physicalization.

THEA 225 – Acting I  3 credit hours
Exploration of the foundations of acting through creative play, open critiques, and in-class exercises. Study may include an introduction to basic Stanislavski acting terminology and techniques, beginning rehearsal techniques, and performance analysis. Performance skills will be practiced and enhanced through the preparation of monologues and a short scene.
THEA 226 – Acting II  3 credit hours
Continued refinement of acting techniques through the study and final performance of selected scenes, with a focus on character development and script analysis. Coursework will also include the development of emotional realism through work with modern playwrights such as Ibsen, Chekov, Strindberg, and Shaw.
Prerequisite: THEA 225

THEA 235 – Creative Dramatics  3 credit hours
A fun, practical approach to theatre games, improvisation, and movement providing ample opportunities to participate in and learn to teach beginning theatre courses at elementary and high school levels. Possibilities for work in the community.

THEA 237 – Children's Theatre  3 credit hours
Study of the objectives of theatre for young audiences through practical experience in selection, direction, and production of plays by and/or for children.

THEA 240 – Stage Makeup  3 credit hours
Introduction to stage makeup design and application techniques. Design and application projects are used to familiarize the student with the essential uses of stage makeup for the actor, technician, and educator.
Additional Course Fee Required

THEA 241 – Introduction to Costume Technology  3 credit hours
Study and training with basic costuming equipment, materials, and techniques. Designed to teach the basics of costume construction including: patterning, cutting, fitting, altering, and caring for costumes. Specific skills are applied through construction projects and work on mainstage productions.
Additional Course Fee Required

THEA 245 – Creative Dramatics  3 credit hours
A fun, practical approach to theatre games, improvisation, and movement providing ample opportunities to participate in and learn to teach beginning theatre courses at elementary and high school levels. Possibilities for work in the community.

THEA 250 – Survey of Dramatic Literature I  3 credit hours
Examination of play scripts as a genre in world literature. The course will follow the progression of dramatic literature from ancient times to the beginning of the 18th Century. Readings will focus on the genres of comedy and tragedy in the following periods: Ancient Greece, Ancient Rome, Medieval, Tudor and Stuart England.
Prerequisite: THEA 210

THEA 251 – Survey of Dramatic Literature II  3 credit hours
Examination of dramatic literature with primary focus on the modern and postmodern eras of world literature. Specific emphasis will be placed on the philosophical approaches of Realism/Naturalism and Existentialism.
Prerequisite: THEA 210

THEA 258 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

THEA 300 – Movement for the Stage  3 credit hours
Basic understanding of how the body, as the actor’s physical instrument, functions in a performance space. Techniques studied will prepare actors to react with creative and impulsive movements, while developing control and stamina through exercise, relaxation, improvisation, and imagination. In-class and environmental movement pieces will be performed throughout the semester.
Prerequisite: THEA 225

THEA 307 – Voice and Diction for the Stage  3 credit hours
Students will develop the skills necessary to be easily heard and understood in any given performance situation by learning the International Phonetic Alphabet and being able to apply it to complete their training in Standard American English or Career Speech. In addition, they will learn new skills to create healthy, fully resonant voices and vocal flexibility through vocal exercises. Vocal variety and dialect work will also be covered.

THEA 322 – Theatre and Stage Management  3 credit hours
Study of the principles and practices in administration and stage management for theatre producing organizations. Areas covered may include: publicity, season selection, personnel, and audience services; with particular emphasis on stage management including scheduling, rehearsals, production, and performances.
Prerequisite: THEA 135
Additional Course Fee Required

THEA 325 – Advanced Acting  3 credit hours
Exploration of advanced acting principles and techniques through monologues, ensembles, and scene work. Builds on the foundations developed in Fundamentals of Acting and guides students in the practice of more complex scene analysis and characterization.
Prerequisite: THEA 225

THEA 350 – Survey of Dramatic Literature I  3 credit hours
Examination of play scripts as a genre in world literature. The course will follow the progression of dramatic literature from ancient times to the beginning of the 18th Century. Readings will focus on the genres of comedy and tragedy in the following periods: Ancient Greece, Ancient Rome, Medieval, Tudor and Stuart England.
Prerequisite: THEA 210

THEA 351 – Survey of Dramatic Literature II  3 credit hours
Examination of dramatic literature with primary focus on the modern and postmodern eras of world literature. Specific emphasis will be placed on the philosophical approaches of Realism/Naturalism and Existentialism.
Prerequisite: THEA 210

THEA 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

THEA 400 – Teaching Theatre  3 credit hours
Preparation of future Theatre instructors for professional work. Learning to plan, prepare, and execute Theatre programs for high schools, continuing studies programs, and community centers. Study will include: creating courses, developing lesson plans, in-class teaching opportunities, organizing class projects, identifying teaching opportunities, coordinating extracurricular activities, and conducting self-evaluations. Will assist students in identifying and developing individual styles of Theatre pedagogy.
Department Consent Required

THEA 401 – Special Topics  1-3 credit hours
Study in a specific area of theatre which will vary each time the course is offered. Topics of study may include performance, history, criticism, play development, technical theatre, as well as others.
Department Consent Required
Total Credits Allowed: 6.00

THEA 405 – Theatre Design Software  3 credit hours
An exploration of the most common computer aided design software used in the theatre industry. Students will exit the class with the ability to create and manipulate digital design files in ways applicable to their chosen path of study.
THEA 413 – History of Theatre I  3 credit hours  
Survey of Theatre History covering the development of the institution of theatre from pre-historical rituals through the Elizabethan period. Areas of study include: theory and criticism, literature, physical theatre, and personnel.

THEA 414 – History of Theatre II  3 credit hours  
Survey of Theatre History covering periods from the Italian Renaissance through the rise of Realism. Areas of study include: theory and criticism, literature, physical theatre, and personnel.

THEA 415 – History of Theatre III  3 credit hours  
Survey of Theatre History covering the development of modern theatre in the late 19th and 20th Centuries. Particular emphasis is placed on Realism/Naturalism and Postmodern Theatre. Areas of study include: theory and criticism, literature, physical theatre, and personnel.

THEA 419 – Costume Design  3 credit hours  
Exploration of the elements and principles of design in relation to theatrical costume design. Specific projects are used to develop the design process with explicit attention to character analysis, period research, design conceptualization, and limitations of budgets and production schedules. Application of construction skills is enhanced through production work.  
Prerequisite: THEA 210 and THEA 241 and THEA 296 or permission of instructor

THEA 420 – Scenic Design  3 credit hours  
Introduction to the processes and techniques used to apply design elements and principles in the creation of visual environments. Study and practice in script analysis, research, design process, production styles, stage composition, conceptualization, rendering, scenic model-making, etc. will be used to develop and refine design skills. Application of design skills is enhanced through production work.  
Prerequisite: THEA 210 and THEA 241 and THEA 296 or permission of instructor  
Additional Course Fee Required

THEA 421 – Playwriting  3 credit hours  
Instruction in the craft of playwriting and an organic approach to creating new works. Students will work on original monologues and short plays as they study the elements of drama and the technical format of writing for the stage. Playwriting, play production, competitions, and script publication will be covered.  
Additional Course Fee Required

THEA 423 – Advanced Theatre Practicum  1 credit hour  
Significant projects in theatre production for advanced Theatre students. Designed to provide students with experience in positions or roles that fully utilize the performance and/or technical skills they have acquired. Projects may include: stage management, directing, major roles, mainstage designs, administration, or others approved by Theatre faculty.  
Department Consent Required  
Total Credits Allowed: 6.00

THEA 425 – Acting III  3 credit hours  
Advanced training in specific acting styles and techniques such as Greek Drama, Shakespeare, Comedy of Manners, Commedia dell’Arte, Theatre of the Absurd, Augusto Boal’s Theatre of the Oppressed, and the Meisner Technique. Study will include vocal and physical work.  
Prerequisite: THEA 226

THEA 430 – Modern Dramatic Theory  3 credit hours  
Examination of the basic theories of theatre practice and dramatic literature from 1870 to the present. Realism/Naturalism and 20th Century Postmodernism will be emphasized.  
Prerequisite: THEA 120 or permission of instructor

THEA 436 – Advanced Technical Theatre  3 credit hours  
Exploration of advanced methods and materials utilized in contemporary technical theatre. Students will become familiar with techniques in mechanical drafting, computer-aided drafting, metalworking, wood turning, foam sculpting, painting, and other technical areas.  
Prerequisite: THEA 135  
Additional Course Fee Required

THEA 438 – Technical Direction  3 credit hours  
Study of the theory and practice of technical direction for the performing arts and the role of the technical director in the collaborative production process. Course content is focused on the development of skills and techniques for scenery construction, stage rigging, technical drafting, budgeting time and resources, and management.  
Prerequisite: THEA 436

THEA 447 – Lighting Design  3 credit hours  
Examination of the mechanics, principles, and practices of lighting for the stage. Course will include: analysis of scripts for lighting design, application of design elements, introduction to lighting equipment and control systems, study of color theory, development and execution of light plots, and an overview of electricity. Hands-on training during mainstage light hang/focus, as well as various design projects will enhance the overall experience.  
Prerequisite: THEA 210 and THEA 296 or permission of instructor  
Additional Course Fee Required

THEA 460 – Independent Study and Research  1-3 credit hours  
Independent study or research of a theatre-related topic under the direction of a Theatre Department faculty member. Proposals for study or research must be submitted to the appropriate faculty advisor prior to registering for this course.  
Department Consent Required  
Total Credits Allowed: 6.00

THEA 475 – Internship  1-12 credit hours  
Practical experience in theatre conducted in cooperation with a professional or resident theatre company. Student work in acting, directing, stage management, design, technical work, or administration will be monitored and evaluated by a Theatre faculty advisor.  
Department Consent Required  
Total Credits Allowed: 12.00

THEA 480 – Play Direction  3 credit hours  
Introduction to the fundamentals of directing for the stage through application of basic principles and techniques to one-act and cutting projects. Projects combine theory and practice in play selection, script interpretation, stage movement, stage composition, interpersonal relationships, production values, rehearsals, and ultimate performance.  
Prerequisite: THEA 135 and THEA 210 and THEA 225  
Additional Course Fee Required
Vocational Education (VOED)

VOED 432 – Foundations and Contemporary Issues in Vocational Education 1-3 credit hours
Origins and philosophy of vocational education and its relationship to the school curriculum. Required for vocational endorsement and recommended as an elective for school administrators. Total Credits Allowed: 3.00

VOED 434 – Introduction to Students with Special Needs 3 credit hours
A study of the characteristics of disadvantaged and individuals with disabilities. Emphasis is on the identification, similarities, differences, learning characteristics, manifest behaviors, and cultural diversity of these students. Multicultural values are examined with an emphasis toward understanding the impact upon classroom organization and management.

VOED 499 – Special Problems in Vocational Education 1-3 credit hours
Independent investigations of vocational education problems. Topics to be investigated may be tailored to meet the needs of the student. Department Consent Required
Total Credits Allowed: 3.00

Women’s Studies (WSTD)

WSTD 220 – Women’s & Gender Studies 3 credit hours
This course explores the interdisciplinary subject of Women’s and Gender Studies where woman is understood as a category of analysis and gender is studied as a system of relations and power. Society’s role in constructing gender, sexuality and race will also be explored, as will the idea that feminism is a historical process.

WSTD 420 – Senior Seminar in Women’s Studies 3 credit hours
This course will allow students to pursue their major field of study in relation to women’s studies. Under faculty direction, students will read independently, research, and write on a topic of interest. The seminar will meet to share research and to explore the larger issues of feminist theory. Prerequisite: WSTD 220

WSTD 499 – Special Topics in Women’s Studies 1-3 credit hours
Topics are studied which are not assigned or covered in other Women’s Studies courses. The format of this course will vary depending on the topic, instructor and the needs of the students. Total Credits Allowed: 3.00
Prerequisite: WSTD 220 or permission of instructor

Departments and Programs

• Bachelor of General Studies Program (p. 145)
• Department of Accounting, Finance, and Economics (p. 147)
• Department of Art and Design (p. 154)
• Department of Biology (p. 171)
• Department of Chemistry (p. 181)
• Department of Communication (p. 190)
• Department of Communication Disorders (p. 203)
• Department of Counseling and School Psychology (p. 207)
• Department of Criminal Justice (p. 208)
• Department of Cyber Systems (p. 214)
• Department of English (p. 229)
• Department of Family Studies (p. 241)
• Department of Geography (p. 245)
• Department of History (p. 252)
• Department of Industrial Technology (p. 262)
• Department of Kinesiology and Sport Sciences (p. 276)
• Department of Management (p. 294)
• Department of Marketing, Agribusiness, and Supply Chain Management (p. 302)
• Department of Mathematics and Statistics (p. 310)
• Department of Modern Languages (p. 317)
• Department of Music, Theatre and Dance (p. 326)
• Department of Physics and Astronomy (p. 349)
• Department of Political Science (p. 362)
• Department of Psychology (p. 372)
• Department of Social Work (p. 382)
• Department of Sociology (p. 385)
• Department of Teacher Education (p. 390)
• Ethnic Studies Program (p. 412)
• Health Science Programs (p. 413)
• International Studies Program (p. 428)
• Military Science Program (p. 435)
• Nursing, University of Nebraska Medical Center College of Nursing, Kearney Division (p. 439)
• Philosophy Program (p. 442)
• Women’s and Gender Studies Program (p. 444)

Bachelor of General Studies Program

The Bachelor of General Studies is an interdisciplinary program that promotes study in a wide range of disciplines - the arts, foreign languages, humanities, natural sciences, social sciences, and professional studies - that enable the student to develop a broad view, a capacity for critical thinking, and a fundamental understanding of human nature, society and values. It should not be confused with the General Studies Program (p. 459), which is a required component in all undergraduate degree programs.

Students completing the interdisciplinary, undergraduate BGS program will demonstrate:

• An understanding of the core knowledge of the distribution areas
• The ability to find relevant data and use it in appropriate ways
• The ability to read and comprehend literature appropriate to the distribution areas
• The ability to write in a manner appropriate to the distribution areas

For more information contact:
Amy Rundstrom, Director of Academic and Career Services
Bachelor of General Studies Program
University of Nebraska at Kearney
Kearney, NE 68849

See the Bachelor of General Studies (p. 25) program requirements.

General Studies, Bachelor of General Studies

Offered by College of Arts and Sciences (p. 24)
The following are the requirements for the BGS degree program. It should not be confused with the General Studies program, which is a required component in all undergraduate degree programs.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Portal</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Capstone</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>General Studies Distribution Requirement</td>
<td>47-51</td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>47-51</td>
</tr>
<tr>
<td></td>
<td>Unrestricted Electives</td>
<td>24-28</td>
</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td>24-28</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>116-124</td>
</tr>
</tbody>
</table>

(Students must have at least a 2.5 GPA in each of the Distribution areas. At least 30 of the 45 Distribution credit hours must be upper division courses with 300 or 400 numbering. At least 15 of these upper division credit hours must be UNK credit hours.)

General Studies Distribution

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Program Requirements</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>General Studies Option 1 (p. 146)</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>General Studies Option 2 (p. 146)</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Capstone Requirement</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2-6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>47-51</td>
</tr>
</tbody>
</table>

General Studies Option 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select at least 30 credit hours in ONE of the following areas, and 15 credit hours in another of the six areas listed.</td>
<td>45</td>
</tr>
<tr>
<td></td>
<td>Fine Arts</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 15-30 credit hours from: Music, Dance, Art, Theatre</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Humanities</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 15-30 credit hours from: English, Philosophy, Journalism, Speech</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foreign Language</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 15-30 credit hours from Foreign Language courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Social Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 15-30 credit hours from: Sociology, Psychology, Political Science, History, Cultural Geography, Economics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Natural Science</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Professional Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>45</td>
</tr>
</tbody>
</table>

Individual programs must be approved by the designated Bachelor of General Studies advisor.

1. As 6 credit hours of the Distribution requirements may overlap with the General Studies Program, the total unrestricted electives may be 30-34.
2. Individual programs must be approved by the designated Bachelor of General Studies advisor.
3. Except courses numbered 388.
4. Except courses numbered 188 or 388.

Foreign Language
Select 15 credit hours from Foreign Language courses

Social Science
Select 15 credit hours from: Sociology, Psychology, Political Science, History, Cultural Geography, Economics

Natural Science
Select 15 credit hours from: Math, Chemistry, Physics and Physical Science, Earth Science, Biology, Cyber Systems

Professional Studies
Select 15 credit hours from: Management, Marketing, Accounting, Finance, Industrial Technology, Business Education, Family Studies, Interior and Product Design, Teacher Education (including TESE courses), Physical Education, Recreation, Communication Disorders, Criminal Justice, Social Work
Department of Accounting, Finance and Economics

Department Objectives
The Department of Accounting, Finance, and Economics exists to provide University of Nebraska at Kearney students with the accounting, finance, and legal knowledge necessary to compete in a global business environment. Specifically, the Department:

- provides all students of the University preparing for careers in business the foundation knowledge in accounting, finance and business law necessary to communicate in a business organization;
- provides accounting students preparing for careers in public practice, private industry, government, and not-for-profit organizations a substantial foundation in accounting, as well as critical thinking, communication, and interpersonal skills;
- provides finance students preparing for careers in corporate finance, banking, investment counseling, and government financial services a substantial foundation in finance, as well as critical thinking, communication, and interpersonal skills.

College of Business and Technology Graduation Requirements

- All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.
- All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.
- All students graduating with a degree from the College of Business and Technology are required to complete 3 credit hours of designated Experiential Learning (EL) coursework.

Business Administration Major

The Department of Accounting, Finance, and Economics offers three emphases in this major:

Business Administration Comprehensive - Bachelor of Science Degree

(Select one Emphasis; two Emphases maximum)

- Accounting Emphasis (p. 151)
- Finance Emphasis (p. 153)
- Economics Emphasis (p. 152)

For additional areas of emphasis see departments of Management (p. 294), and Marketing, Agribusiness, and Supply Chain Management (p. 302), and Cyber Systems (p. 214).

Minors

A minor in Accounting (p. 151), Finance (p. 154), or Economics (p. 154) is available for students pursuing majors in other disciplines.

Steve Hall, Chair

Faculty

Professor: Karl Borden, Larry Carstenson, Bruce Elder, Steve Hall, Allan Jenkins, Laurie Swinney
Associate Professor: Bree Dority, Brenda Eschenbrenner, Suzanne Hayes
Senior Lecturer: Sherrie Dusch
Lecturer: Sarah Borchers, Theresa Yaw

Accounting (ACCT)

ACCT 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students must take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ACCT 240 – Accounting for Nonbusiness Majors 3 credit hours
The objectives of this course are to introduce students to accounting principles, practices, and procedures and teach them to use accounting information to make business decisions. General topics to be covered include the accounting cycle, current assets, long-lived assets, current liabilities, income, cash flow, analysis of accounting information, and relevant decision making.
Prerequisite: Completion of General Studies Foundational Core Math class.

ACCT 250 – Principles of Accounting I 3 credit hours
This course introduces students to the preparation and use of financial statements. It covers the accounting cycle, current assets, current liabilities, and plant assets. It focuses on financial reporting for service businesses or merchandising businesses organized as corporations.
Prerequisite: Completion of General Studies Math requirement

ACCT 251 – Principles of Accounting II 3 credit hours
Continuation of the basic accounting cycle with particular attention given to development of special procedures for control, partnerships, and corporations. Analysis of financial information used within the organization by manufacturing and service businesses.
Prerequisite: ACCT 250

ACCT 253 – Introduction to QuickBooks 1 credit hour
This course provides an introduction to QuickBooks Pro accounting software including setting up a new company and chart of accounts; recording transactions with customers, vendors and employees; understanding internal controls; managing lists; preparing month-end and year-end adjusting journal entries; running reports and customizing them; and changing forms.
Prerequisite: ACCT 250

ACCT 280H – Special Topics 1-3 credit hours
Total Credits Allowed: 3.00

ACCT 311 – Business Law I 3 credit hours
A study of the legal environment of business. Topics include legal theory, and resources, ethics, the court system, torts, contracts, government regulation, property law, and international law considerations.
ACCT 312 – Commercial Law 3 credit hours
A study of the Uniform Commercial Code (including sales, commercial paper, secured transactions), credit/debtor relationships, agency law, and business entities.
Prerequisite: ACCT 311

ACCT 317 – Construction Law 3 credit hours
This course involves the study of the legal environment of business as it relates to construction management. It includes an introduction to legal theory and to the court systems of the United States. The legal framework of the design and construction process will be emphasized. This will include information regarding legal business forms, how to understand and prepare the contracts specifically used in the construction industry, as well as how to enforce contractor rights provided by those contracts.

ACCT 350 – Intermediate Accounting I 3 credit hours
An in-depth study of the theory, concepts, and practice of financial accounting. Focus is on reporting useful information to third parties through basic corporate financial statements.
Prerequisite: ACCT 251

ACCT 351 – Intermediate Accounting II 3 credit hours
A continuation of Intermediate Accounting I with emphasis on the more complex problems of financial reporting.
Prerequisite: ACCT 350

ACCT 352 – Cost Accounting 3 credit hours
Accounting for manufacturing concerns with special emphasis on managerial decisions, as well as on unit and process costs.
Prerequisite: ACCT 251

ACCT 391 – Accounting Information Systems 3 credit hours
The role of accounting information systems within an organization’s management information system, information system documentation, transaction cycle reporting, principles of internal control; the use of proprietary general ledger software.
Prerequisite: ACCT 251

ACCT 412 – Employment Law 3 credit hours
A study of the major federal laws and judicial decisions, and selected Nebraska laws and judicial decisions affecting personnel practices in private and public sectors. General topics covered include equal employment opportunity, affirmative action, employee and management rights, and legal issues in employment compensation and benefits. Emphasis is placed on Title VII and employment discrimination based on race, color, sex, religion, and national origin. Age and disability discrimination are also covered. Specific topics include employee recruiting, selection, performance appraisal and promotion, wrongful discharge, employee privacy, employment-at-will and current topics.

ACCT 413 – Entrepreneurial Law 3 credit hours
A study of the legal issues faced by entrepreneurs and new ventures including choosing a business entity, franchising, contracts and sales law, non-compete agreements, leases, e-commerce, intellectual property, operational liabilities, insurance, going public, and employment law.
Prerequisite: Junior standing

ACCT 451 – Tax Accounting 3 credit hours
A study of federal income tax concepts and principles, with emphasis on individual and business organization income tax laws, regulations and filing procedures.
Prerequisite: ACCT 251

ACCT 452 – Advanced Tax Accounting 3 credit hours
A continuation of the study of federal income tax concepts and principles.
Prerequisite: ACCT 451

ACCT 453 – Advanced Accounting I 3 credit hours
Special accounting topics relating primarily to the preparation of consolidated financial statements for accounting entities in a parent-subsidiary relationship. Other topics include partnerships, the Securities and Exchange Commission and foreign currency transactions. Prior completion of ACCT 351 is recommended.
Prerequisite: ACCT 350

ACCT 465 – Governmental/Non-Profit Accounting 3 credit hours
Accounting and financial reporting for local and state governments, colleges and universities, health care organizations, voluntary health and welfare organizations, and certain other non-profit organizations.
Prerequisite: ACCT 350

ACCT 470 – Auditing 3 credit hours
Duties and responsibilities of auditors, methods of conducting audits, preparation of audit reports, and special auditing problems. Emphasis on the application of accounting concepts and principles learned. Prior completion of ACCT 351 is recommended.
Prerequisite: ACCT 350

ACCT 471 – Advanced Auditing 3 credit hours
The practical application of auditing standards and procedures in examining financial statements and verifying underlying data. A practice set is required.
Prerequisite: ACCT 470

ACCT 475 – Accounting Internship 1-15 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning experience is organized and supervised by the academic department and personnel of selected industries. Must be approved by the Department. Total Credits Allowed: 15.00
Prerequisite: Minimum GPA of 2.5 and ACCT 350.

ACCT 491 – Advanced Accounting Information Systems 3 credit hours
This course provides an in-depth analysis of accounting information systems, including the flow of data from source documents through the accounting cycle into reports for decision makers. Special emphasis is placed on the analysis and design of accounting systems, internal controls, as well as applications in financial planning, controlling, and reporting.
Prerequisite: ACCT 391

ACCT 499 – Special Problems in Business 1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed to integrate the knowledge acquired in other courses in business administration, and to emphasize analysis and decision-making. Must be approved by Department Chair.
Department Consent Required
Total Credits Allowed: 6.00
Economics (ECON)

ECON 100 – Contemporary Economic Issues  3 credit hours
This course is designed to help the student acquire an understanding of the U.S. economic system and its influence on current topics important to everyone. The objective of the course is to provide students with a general understanding of economic principles and how they are applied to issues facing the United States. (Not open to students who have previously completed ECON 270, ECON 271, or equivalent.) Prerequisite: Enrollment not allowed if successfully completed ECON 270 or ECON 271 or equivalent.

ECON 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ECON 270 – Principles of Economics, Macroeconomics  3 credit hours
A study of the economic system of the U.S. and the underlying principles of production, labor relations, national income, prices, money and banking, and economic policy.

ECON 271 – Principles of Economics, Microeconomics  3 credit hours
This course provides students an introduction to the economic principles and theories which have been developed to explain how firms make decisions on production and input use, how consumers make purchasing decisions, and how firms and consumers interact in the marketplace under differing market conditions. The course prepares students for further study in the field of economics.

ECON 300 – Foundations of Research Methods in Economics and Business  2 credit hours
This course is designed to provide students with an introduction to the research process in economics and business. Students will gain experience in research methodology by developing/Selecting a research topic/question, conducting a literature review, collecting data, selecting and using an appropriate analytical technique, and constructing a persuasive argument supported by theory and empirical evidence. Prerequisite: ECON 270 and ECON 271 and either MGT 233 or STAT 241

ECON 314 – Public Finance  3 credit hours
Provides a thorough treatment of major topics relating to government expenditures and tax policies. This course will help students develop an understanding of the economic principles that are most useful in examining the government's role in the economy, particularly those principles economists have found helpful in a microeconomic analysis of tax and expenditure policies. Prerequisite: ECON 270 or ECON 271

ECON 320 – Economic Theory, Intermediate Microeconomics  3 credit hours
Introduction to microeconomic theory regarding the determination of prices and values. Prerequisite: ECON 271

ECON 321 – Economic Theory, Intermediate Macroeconomics  3 credit hours
Introduction to macroeconomic theory with emphasis on the determinants of income, employment and economic growth. Prerequisite: ECON 270

ECON 322 – Money and Banking  3 credit hours
A descriptive and analytical study of the basic principles of money, banking and finance as they are related to business and public policy. A study of the creation of the nation's money supply and of the importance of monetary policies upon the performance of the economy. Prerequisite: ECON 270

ECON 365 – Business Analytics & Decision Making  3 credit hours
This course expands on basic statistical and analytics tools so that students learn to think in terms of patterns and models, understand the value of economic and business data to gain key business insight and analyze market conditions, and learn how modeling supports decision making and can be used to evaluate the impact of choices. It covers fundamentals of descriptive, predictive, and prescriptive analytics, with a focus on data visualization. Students will use and interpret economic and business data, databases, and output from analytics models. Prerequisite: ECON 270 or ECON 271 and MGT 233

ECON 380 – Tourism Economics  3 credit hours
This course features an application of economic theory to the human activities of recreation and tourism. Microeconomics, macro-economics, and economic impact analysis will be packaged so that students might synthesize then apply this information to marketing, promotion, and economic development problems. Prerequisite: ECON 271

ECON 385 – Environmental Economics  3 credit hours
An economic analysis of the nature of pollution problems from cause to possible solutions. Critically evaluates the role of a market economy in preserving environmental quality. Prerequisite: ECON 100 or ECON 270 or ECON 271

ECON 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or Senior level standing or within 6 hours of completing general studies requirements.

ECON 395 – Labor Economics  3 credit hours
This course examines the organization, functioning, and outcomes of labor markets; the decisions of prospective and present labor market participants; and the public policies relating to the employment of labor resources. Prerequisite: ECON 271

ECON 410 – Health Care Economics  3 credit hours
An economic analysis of issues related to the provision of health care. Market issues, cost drivers, existing and proposed health care policy approaches are covered. Prerequisite: Junior standing or above.
ECON 430 – International Economics 3 credit hours
Introduction to the international economy: the theory of international trade, the balance of payments, economic growth and financial commercial policy.
Prerequisite: ECON 100 or ECON 270 or ECON 271

ECON 445 – Industrial Organization 3 credit hours
This course is concerned with the behavior of firms and the resulting effects on market outcomes and welfare. As such it analyzes firm behavior and market structure within a single industry and discusses the challenges associated with regulation/deregulation of industries and the implementation of antitrust policy.
Prerequisite: ECON 271

ECON 465 – Economics of Transportation 3 credit hours
Nature, role and regulation of transportation, and current economic, legal and policy problems in the field of transportation.
Prerequisite: ECON 271

ECON 475 – Internship 1-12 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning situation is organized and supervised cooperatively by the Economics Department and personnel of selected industries. Work experience includes an acceptable type of wage earning employment in business, manufacturing or processing industry approved by the coordinator.
Total Credits Allowed: 15.00
Prerequisite: Minimum GPA of 2.5 and ECON 270 and ECON 271 and 6 additional hours of 300 to 400 level ECON courses

ECON 485 – Senior Seminar 1 credit hour
This capstone course is designed to allow students to apply economic theory and appropriate methodology to a selected topic. Taught in a seminar style, the course will allow students to demonstrate their knowledge of economics, their ability to write effectively, and their ability to communicate effectively by making a professional-level presentation using best available technology.
Prerequisite: ECON 300 and senior standing

ECON 499 – Independent Study and Research in Economics 1-6 credit hours
Individual research under the supervision of a faculty member of the department and approved by the Department Chairman. Topics to be investigated may be tailored to fit the needs of the student.
Total Credits Allowed: 18.00

Finance (FIN)
FIN 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

FIN 280H – Special Topics 1-3 credit hours
Total Credits Allowed: 3.00

FIN 308 – Principles of Finance 3 credit hours
Concepts of firm valuation and capital budgeting, capital structure and cost of capital, and analysis of financial statements.
Prerequisite: ACCT 251 and ECON 271

FIN 309 – Corporate Finance 3 credit hours
The study of financial management concepts with an emphasis on the theory and practical application of the investment and financing decision-making processes.
Prerequisite: FIN 308

FIN 315 – Construction Finance & Accounting 3 credit hours
Basic principles and applications of construction finance with an emphasis on the financial feasibility of a construction project and the acquisition and management of funds needed to profitably build a project. Emphasis will also be placed on construction accounting competencies necessary for business start-up, operations and expansion.
Prerequisite: ACCT 250

FIN 316 – Insurance 3 credit hours
An introduction to risk and risk management as they pertain to most types of personal insurance situations.

FIN 328 – International Financial Management 3 credit hours
Globalization and integration of financial markets present unique opportunities and unique risks for all kinds of firms and investors. This course is designed to provide students with a strong conceptual background for financial decision-making related to international corporate finance and international investing.
Prerequisite: Any Math class meeting the Foundational Core requirement of General Studies.

FIN 344 – Real Estate Principles 3 credit hours
A study of the general principles used in real estate decision making. Topics include economic and ethical considerations, ownership, leases, marketing finance, appraisal, investments, legal issues related to contracts, agency, licensing, discrimination, and career alternatives. This course is approved by the Nebraska Real Estate Commission.

FIN 348 – Financial Statement Analysis 3 credit hours
This course takes an in-depth look into company financial statements and shows how information therein can be analyzed and processed to aid many individuals including creditors, investors, managers, consultants, auditors, directors, regulators and employees in their business decisions.
Prerequisite: FIN 480

FIN 425 – Financial Statement Analysis 3 credit hours
The management of commercial bank and non-bank institutions with an emphasis on the lending and investing practices of these institutions.
Prerequisite: FIN 480

FIN 426 – Financial Statement Analysis 3 credit hours
This course will focus on the financial statements of companies and how they can be used to make informed investment decisions.
Prerequisite: FIN 480

FIN 427 – Financial Statement Analysis 3 credit hours
This course will focus on the financial statements of companies and how they can be used to make informed investment decisions.
Prerequisite: FIN 480

FIN 475 – Finance Internship 1-15 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning experience is organized and supervised by the academic department and personnel of selected industries. Must be approved by the Department.
Total Credits Allowed: 15.00
Prerequisite: Minimum 2.5 GPA and FIN 308

FIN 476 – Short-Term Financial Management 3 credit hours
The purpose of this course is to familiarize students with the principles and techniques of working capital analysis and management. Topics include inventory, accounts receivable and cash systems management, credit and collection systems, and payables and short-term financing analysis and management.
Prerequisite: FIN 308
FIN 480 – Investments 3 credit hours
Theory and analysis of investment vehicles including stocks, bonds and money market investments. Analysis of portfolio construction. Prerequisite: FIN 308 and ECON 270

FIN 481 – Portfolio Management 3 credit hours
This course extends the principles of security analysis, portfolio construction, and portfolio management. The process of creating, managing, and evaluating an investment portfolio is examined through a series of lectures, quantitative projects, and experiential learning. Prerequisite: FIN 309

FIN 482 – Case Studies in Financial Management 3 credit hours
Financial analysis and decision-making using advanced case studies of business and some specialized organizations. Prerequisite: FIN 309 and FIN 476 and FIN 480

FIN 483 – Essentials of Financial Accounting & Corporate Finance 3 credit hours
Students study essential elements of financial accounting and corporate finance in preparation for graduate level study of finance. Concepts of financial statement composition and analysis, time value of money, capital market theories, firm valuation, capital budgeting, and capital structure are emphasized. Students taking this class should be comfortable with algebra.

FIN 490 – Essentials of Financial Accounting & Corporate Finance 3 credit hours
Students study essential elements of financial accounting and corporate finance in preparation for graduate level study of finance. Concepts of financial statement composition and analysis, time value of money, capital market theories, firm valuation, capital budgeting, and capital structure are emphasized. Students taking this class should be comfortable with algebra.

FIN 499 – Special Problems in Business 1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed to integrate the knowledge acquired in other courses in business administration, and to emphasize analysis and decision-making. Must be approved by Department Chair. Department Consent Required

Total Credits Allowed: 6.00

Accounting Minor
Offered by Department of Accounting, Finance, and Economics (p. 147)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>Requirements</td>
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<tr>
<td>ACCT 250</td>
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<td>ACCT 251</td>
<td>Principles of Accounting II</td>
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<td>ACCT 350</td>
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</tr>
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<td>ACCT 451</td>
<td>Tax Accounting</td>
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<td>ACCT 452</td>
<td>Advanced Tax Accounting</td>
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<td>ACCT 465</td>
<td>Governmental/Non-Profit Accounting</td>
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<td>ACCT 470</td>
<td>Auditing</td>
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<td>ACCT 471</td>
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1 Students with sufficient preparation may enter the mathematics program at a higher level.

Business Administration Comprehensive Bachelor of Science - Accounting Emphasis
Offered by Department of Accounting, Finance, and Economics (p. 147)

All College of Business and Technology Graduation Requirements (p. 147) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
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<td>Portal</td>
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<tr>
<td>Distribution</td>
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<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
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<td>Social Sciences (p. 465)</td>
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<td>ECON 270</td>
<td>Principles of Economics, Macroeconomics</td>
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<td>ECON 271</td>
<td>Principles of Economics, Microeconomics</td>
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<td>Natural Sciences (p. 464)</td>
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<td>Analytical and Quantitative Thought (p. 460)</td>
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<td>MGT 233</td>
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<td>Wellness (p. 466)</td>
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<td>BS Science-related course requirements</td>
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<tr>
<td>MATH 123</td>
<td>Applied Calculus I</td>
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<td>Complete all required courses</td>
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Major Option

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<tr>
<td>Business Administration Comprehensive Core Requirements</td>
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<tr>
<td>BSAD 100</td>
<td>Exploring Business</td>
<td>1</td>
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<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
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<td>ACCT 251</td>
<td>Principles of Accounting II</td>
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<td>BSAD 295</td>
<td>Business Communications</td>
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<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
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</table>
### Business Administration Comprehensive - Economics Emphasis, Bachelor of Science

Offered by Department of Accounting, Finance, and Economics (p. 147)

All College of Business and Technology Graduation Requirements (p. 147) must be fulfilled.

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
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<td>FIN 308</td>
<td>Principles of Finance</td>
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<td>ACCT 311</td>
<td>Business Law I</td>
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<td>MGT 314</td>
<td>Operations and Supply Management</td>
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</tr>
<tr>
<td>MGT 493</td>
<td>Social Responsibilities of Business: Issues and Ethics</td>
<td>3</td>
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<tr>
<td>MGT 495</td>
<td>Administrative Strategy and Policy</td>
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</tr>
<tr>
<td>BSAD 400</td>
<td>Professional Readiness</td>
<td>1</td>
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</table>

Select 3 credit hours from the following:

- CYBR 306 Introduction to Predictive Modeling
- ECON 365 Business Analytics & Decision Making
- MGT 334 Applied Business Analytics

#### Business Administration Comprehensive Economics and Information Systems Requirement

Select 3 credit hours from the following:

- ECON 300-ECON 498 3
- ACCT 491 Advanced Accounting Information Systems
- CYBR 302 Principles of Management Information Systems

#### Accounting Emphasis Requirements 2

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
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<td>ACCT 350</td>
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<td>ACCT 351</td>
<td>Intermediate Accounting II</td>
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<td>ACCT 352</td>
<td>Cost Accounting</td>
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<tr>
<td>ACCT 391</td>
<td>Accounting Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 451</td>
<td>Tax Accounting</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 470</td>
<td>Auditing</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 3 of the following:

- ACCT 312 Commercial Law
- ACCT 452 Advanced Tax Accounting
- ACCT 453 Advanced Accounting I
- ACCT 465 Governmental/Non-Profit Accounting
- ACCT 471 Advanced Auditing

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>MATH 102</td>
<td>College Algebra</td>
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Portal

Select one course numbered 188 (p. 465)

**Distribution**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- Aesthetics (p. 460) 3
- Humanities (p. 464) 6
- Social Sciences (p. 465) 9

**Accounting Emphasis Requirements 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 270</td>
<td>Principles of Economics, Macroeconomics</td>
<td>3</td>
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<tr>
<td>ECON 271</td>
<td>Principles of Economics, Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>3</td>
<td></td>
</tr>
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</table>

Select one course numbered 388 (p. 461)

**BS Science-related course requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 120</td>
<td>Finite Mathematics</td>
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<tr>
<td>or MATH 123</td>
<td>Applied Calculus I</td>
<td>3</td>
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</tbody>
</table>

**Major Option**

Complete all required courses 59

**Unrestricted electives**

Needed to reach 120 credit hour minimum 9

Total Credit Hours 120

A minimum GPA of 2.0 is required in this major.

### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSAD 100</td>
<td>Exploring Business</td>
<td>1</td>
</tr>
<tr>
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<tr>
<td>ACCT 251</td>
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<tr>
<td>BSAD 295</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
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<tr>
<td>MGT 314</td>
<td>Operations and Supply Management</td>
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</tr>
<tr>
<td>MGT 493</td>
<td>Social Responsibilities of Business: Issues and Ethics</td>
<td>3</td>
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</table>

**Administrative Strategy and Policy**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MGT 495</td>
<td>Administrative Strategy and Policy</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 400</td>
<td>Professional Readiness</td>
<td>1</td>
</tr>
</tbody>
</table>

Select 3 credit hours from the following:

- CYBR 306 Introduction to Predictive Modeling
- ECON 365 Business Analytics & Decision Making

---

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed for the major.

2. 2.0 GPA required

3. Except ECON 388
MGT 334  Applied Business Analytics (T)

**Business Administration Comprehensive Economics and Information Systems Requirement**
Select 3 credit hours of the following: 3

- ECON 301-ECON 498 2
- ACCT 391  Accounting Information Systems
- CYBR 302  Principles of Management Information Systems

**Business Economics Emphasis Requirements** 3

- ECON 300  Foundations of Research Methods in Economics and Business 2
- ECON 320  Economic Theory, Intermediate Microeconomics 3
- ECON 321  Economic Theory, Intermediate Macroeconomics 3
- ECON 485  Senior Seminar 1

Select 12 credit hours of the following: 12

- ECON 314  Public Finance
- ECON 322  Money and Banking
- AGBS 335  Agricultural Marketing
- AGBS 350  Economics of the Agricultural Sector
- ECON 380  Tourism Economics
- ECON 385  Environmental Economics
- ECON 395  Labor Economics
- AGBS 398  Farm and Ranch Management
- ECON 410  Health Care Economics
- AGBS 415  Agricultural Price Analysis
- ECON 430  International Economics
- AGBS 435  Agricultural Finance
- ECON 465  Economics of Transportation
- ECON 475  Internship 4
- ECON 499  Independent Study and Research in Economics

- GEOG 321  Economic Geography
- MGT 425  Operations Research

**Total Credit Hours**: 59

1 Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed for the major.

2 Except ECON 388.

3 2.0 GPA required in Economics Emphasis Courses.

4 Students may take a maximum of 3 credit hours.

---

**General Studies**

- **Foundational Core (Written, Math, Oral, Democracy)**
  - Foundational Core Courses 12
    - Including:
      - MATH 102  College Algebra 1
      - Portal

- **Distribution**
  - ENG 101  Introduction of Academic Writing 3

  If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- Aesthetics (p. 460) 3
- Humanities (p. 464) 6
- Social Sciences (p. 465) 9

  Including:
  - ECON 270  Principles of Economics, Macroeconomics
  - ECON 271  Principles of Economics, Microeconomics

- Natural Sciences (p. 464) 7
- Analytical and Quantitative Thought (p. 460) 3

  Including:
  - MGT 233  Business Statistics

- Wellness (p. 466) 0

- **Capstone**
  - Select one course numbered 388 (p. 461) 3

- **Major Option**
  - Complete all required courses 62

- **Unrestricted electives**
  - Needed to reach 120 credit hour minimum 9

- **Total Credit Hours**: 120

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**Major Option**

<table>
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<tbody>
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</tr>
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<td>ACCT 251</td>
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<tr>
<td>BSAD 295</td>
<td>Business Communications</td>
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<td>MKT 300</td>
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<td>MGT 301</td>
<td>Principles of Management</td>
<td>3</td>
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<tr>
<td>FIN 308</td>
<td>Principles of Finance</td>
<td>3</td>
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<td>ACCT 311</td>
<td>Business Law I</td>
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<td>MGT 495</td>
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</tr>
<tr>
<td>BSAD 400</td>
<td>Professional Readiness</td>
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Select 3 credit hours from the following: 3

- CYBR 306  Introduction to Predictive Modeling
- ECON 365  Business Analytics & Decision Making

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**Business Administration Comprehensive Core Requirements** 2

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<td>BSAD 400</td>
<td>Professional Readiness</td>
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</table>

Select 3 credit hours from the following: 3

- CYBR 306  Introduction to Predictive Modeling
- ECON 365  Business Analytics & Decision Making
Economics Minor

Offered by Department of Accounting, Finance, and Economics (p. 147)

<table>
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<tr>
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<td>ECON 271</td>
<td>Principles of Economics, Microeconomics</td>
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<td>ECON 300</td>
<td>Foundations of Research Methods in Economics and Business</td>
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<td>ECON 320</td>
<td>Economic Theory, Intermediate Microeconomics</td>
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<td>ECON 321</td>
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<td>ECON 485</td>
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<td>ECON 322</td>
<td>Money and Banking</td>
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</table>

Total Credit Hours 24

1 Students with sufficient preparation may enter the mathematics program at a higher level.

Department of Art and Design

Department Objectives

- To provide for professional and cultural study with courses giving a concentrated experience for those interested in a professional career in art. Degrees in studio art and visual communication and design can be completed;
- To prepare teachers of art for a professional career in education. Creative ability, professional proficiency and understanding of the psychology of art education are stressed;
- To enable art and non-art majors to acquire an awareness and appreciation of their cultural heritage. Important resources in this process include the Walker Art Gallery, the Museum of Nebraska Art (MONA), and study tours. Students may develop individual abilities...
Art Major

Five options are available in this major:

1. Studio Art (p. 166) - Bachelor of Arts Degree
2. Art History (p. 163) - Bachelor of Arts Degree
3. Studio Art Comprehensive (p. 167) - Bachelor of Fine Arts Degree
   - Drawing Emphasis
   - Ceramics Emphasis
   - Glass Emphasis
   - Painting Emphasis
   - Printmaking Emphasis
   - Sculpture Emphasis
   - Illustration Emphasis
   - Photography Emphasis
4. Visual Communication and Design Comprehensive (p. 169) - Bachelor of Fine Arts Degree
5. Art K-12 Teaching Field Endorsement (p. 164) - Bachelor of Arts in Education Degree

A minor in Art: 2D (p. 165), Art: 3D (p. 166), Art History (p. 163), Illustration (p. 166), Photography (p. 166), or Visual Communication and Design (p. 171) is available for students pursuing majors in other disciplines. The Elementary Education Major has a specially defined minor in Art (p. 165).

Richard Schuessler, Chair
Professor: Derrick Burbul, Victoria Goro-Rapoport, Dan May, Richard Schuessler, Doug Waterfield
Associate Professor: Michael DeLorn, Mark Hartman
Assistant Professor: Anne Franklin, Maria Leake, Steven Ramsey, Samuel Rapien, Claire Schultz, Mallory Wetherell
Senior Lecturer: John Fronczak
Lecturer: Christy Kosmicki

Art (ART)

Art 100 – Art Structure  3 credit hours
The purpose of this course is to provide the student with a basic visual literacy in the visual arts. Through hands-on application, the visual elements and organizational principles of design will be considered and explored in conjunction with significant styles from the history of art. Additional Course Fee Required

Art 102 – Drawing I  3 credit hours
Fundamental training in the elements of composition and drawing. Work in a variety of drawing media. Two hours consecutively. Additional Course Fee Required

Art 105 – Graphic Media  3 credit hours
This course will explore a foundational understanding of computer technology in art and design that will serve as a basis for upper level courses in the studio arts, art education, art history and visual communication and design.

Art 118 – Color and Design  3 credit hours
Study of basic art elements and principles. Practical experience in art as applied to everyday life. Recommended for students wanting fundamental art training. Additional Course Fee Required

Art 120 – Art Appreciation  3 credit hours
The purpose of this course is to provide the student with a basic visual literacy in the visual arts (including architecture, digital art, drawing, graphic design, installation, motion pictures, painting, performance art, photography, printmaking, and sculpture). This course is designed to promote and develop a sensitive awareness of the visual arts, their inherent aesthetic value, and their relationships with other disciplines. At the same time, students will gain an understanding of how images are used for advertising, propaganda, as well as to create a sense of cultural or spiritual identity.

Art 121 – Artistic Freedom, Censorship and Controversy in a Democratic Society  3 credit hours
This course will examine the roles visual artists play in democratic societies. Five basic areas will be explored: 1) What is Censorship?, 2) Government Sponsorship of the Arts - Yes or No?, 3) Non-Democratic Viewpoints on the Visual Arts, 4) Historic Controversies in the Visual Arts, and 5) Contemporary Controversies in the Visual Arts.

Art 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

Art 202 – Drawing II  3 credit hours
This course is a reinforcement of concepts studied in Drawing I, with the emphasis on investigation of complex organic shapes. Introduction to portraiture and anatomy of the face, color, and problems of visualization will be studied. Two hours of in-studio time consecutively.
Prerequisite: ART 102
Additional Course Fee Required
ART 205 – Foundations of Art Education  3 credit hours
This course will provide the student with a foundational understanding of the role of an art educator concerning: curriculum, advocacy, classroom management, assessment, cultural understanding, idea-based instructional strategies, team-teaching, technology, visual culture, and student-initiated learning.
Prerequisite: Must be an Art Education major.
Additional Course Fee Required

ART 211 – 3-D Design  3 credit hours
This course will provide the student with a foundational understanding in the design of three-dimensional objects and space that will serve as a basis for upper level courses in sculpture, ceramics, glass, 3-D modeling and animation and visual communication and design.
Additional Course Fee Required

ART 214 – Painting I  3 credit hours
This class introduces the student to processes and techniques common to oil and acrylic painting. The formal aspects of painting as well as content are examined.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 216 – Water Based Media  3 credit hours
Instruction in water based transparent and opaque mediums including watercolor, acrylic and goache. Emphasis on technique and originality. This course will serve as a prerequisite for Painting II.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 218 – Introduction to Design  3 credit hours
An introduction to basic design processes and communication principles. Emphasis involves the study, research, and evaluation of different methods to produce simple and functional 2D and 3D graphic translations. Majors: graphic package required.
Additional Course Fee Required

ART 221 – Art History Survey I  3 credit hours
Introduction to basic concepts and styles in the history of Western art from prehistory to the sixteenth century, including the Italian Renaissance. The arts are related to their cultural context.

ART 222 – Art History Survey II  3 credit hours
This course is a continuation of Survey I beginning with the Northern Renaissance to the present with an emphasis on art as a reflection of the social and cultural developments of man.

ART 228 – Creative Photography  3 credit hours
Instruction in the photographic medium, its background and meaning today in the art world. Introduction to the history of photography with emphasis on the contemporary creative approach today. Methods of use of the camera, and introduction to contemporary post-processing techniques. Emphasis on the creative process. Students must furnish camera.
Additional Course Fee Required

ART 230 – Ceramics I  3 credit hours
This course is intended to introduce the student to the materials, processes and techniques of studio ceramics. Basic handbuilding and wheel throwing techniques are introduced as well as fundamental glazing and firing techniques. Emphasis is placed on craftsmanship and personal creativity. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals.
Additional Course Fee Required

ART 235A – Printmaking I-Intaglio and Relief  3 credit hours
Fundamental printmaking problems dealing with the various creative printmaking processes, including relief printing, intaglio, lithography, monoprint, and drypoint.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 235B – Printmaking I-Silkscreen  3 credit hours
This course is designed to help the students to enhance their drawing and design skills and to introduce them to the technique of silkscreen. During the course of the semester students will produce three four-color compositions and a number of black and white pieces. They will learn the basics of color mixing, color registration and various printing methods.
Prerequisite: ART 102 and ART 118
Additional Course Fee Required

ART 244 – Glass I  3 credit hours
This beginning course in creative glass making will focus on the off-hand glassblowing techniques of molten glass. From this basic process endless variations of vessels, paper-weights and sculptural concepts can be created. Elementary concepts of sandblasting, etching, casting and slumping will be introduced.
Additional Course Fee Required

ART 246 – Sculpture I  3 credit hours
This course is an introduction to several basic sculpture media, processes and techniques. It will survey additive (clay manipulation), subtractive (carving), assemblage (construction) and substitution (casting) processes. Originality of concepts and craftsmanship of techniques are stressed.
Prerequisite: ART 211
Additional Course Fee Required

ART 275 – Cultural Studies Through Art  3-6 credit hours
The study of the visual arts and culture of a region or country through travel and research.
Total Credits Allowed: 6.00

ART 280H – Special Topics  3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

ART 301 – Typography I  3 credit hours
An introductory design course in Typography. Emphasis involves the study, research and exploration of the fundamentals of typography and typographic design through creative, functional design investigations and layout. The fundamental typography will encompass traditional hand drawn lettering and the introduction to digital layout.
Prerequisite: ART 218
Additional Course Fee Required

ART 301M – Typography I/Multimedia  3 credit hours
For Multimedia students. Emphasis involves the study, research and exploration of the fundamentals of typography and typographic design through creative and functional investigations.
Additional Course Fee Required

ART 303 – History of Renaissance Art  3 credit hours
Study of works of art from the early and late Renaissance in Italy and Northern Europe.
Prerequisite: ART 222
ART 304 – Computer Animation I  3 credit hours
Introduces the art of making inanimate objects appear to be alive through the technique of sequential drawings presented on film/video. Includes creating a unique character and preparing it for copyright, animating the character and constructing a storyboard using the character. Prerequisite: ART 305

ART 305 – Graphic Applications  3 credit hours
Students will learn control of Graphics programs which are used as the industry standards in creating visuals for print, web and multimedia are broadened. All aspects of the file types, as well as the similarities and differences in design applications are investigated in conjunction with projects designed to increase student acumen with the software. Techniques for photo retouching, color correction, color theory, layout, print and web technology differences and digital illustrating are also investigated.

ART 305M – Graphic Applications/Multimedia  3 credit hours
For Multimedia students. An introduction and intermediate exploration of computer hardware operations and software procedures necessary for contemporary graphic design. Emphasis involves electronic word processing, page layout, illustration, image generation and hardware proficiency.

ART 306 – Life Drawing II  3 credit hours
Further development of understanding of form through drawing from models in various media with the primary focus on color and space. Prerequisite: ART 252

ART 309 – Graphic Imaging  3 credit hours
This is an intermediate course requiring in depth explorations into translating naturalistic representational graphic forms of expression into progressively simpler abstractions for use in narratives for books, corporate graphics, data in textbooks, mobile data visualizations, magazines, and scientific drawings. Students will also analyze information and then synthesize this data into graphic concepts which can be used or transformed into informational graphics, charts, and logos. Department Consent Required

ART 310 – Art of Baroque and Rococo Era  3 credit hours
The Art of the Baroque and Rococo in Europe in the 17th & 18th Centuries. Major painting, sculpture and architecture will be studied. Aesthetic principles will be covered. Prerequisite: ART 222

ART 314A – Painting II  3 credit hours
Students focus on clarifying rationales and procedures as they relate to the content of their work. Prerequisite: ART 102 and ART 118 and ART 214 or ART 216 and successful completion and passing of the Sophomore Portfolio Review. Additional Course Fee Required

ART 314B – Painting III  3 credit hours
Continuation of ART 314A. Students focus on clarifying rationales and procedures as they relate to the content of their work. Prerequisite: ART 314A Additional Course Fee Required

ART 314C – Painting IV  3 credit hours
Continuation of ART 314B. Students focus on clarifying rationales and procedures as they relate to the content of their work. Prerequisite: ART 314B Additional Course Fee Required

ART 318 – Design I  3 credit hours
A foundational course in layout strategy including the application of grid structures to problem solving in graphic design. The course of study stresses the development of layout skills through the analysis and interpretation of samples from historic design movements. Prerequisite: ART 301 Additional Course Fee Required

ART 318M – Design I / Multimedia  3 credit hours
For Multimedia students. An introduction to design communications by exploring various page layout strategies, researching conceptual approaches, historical values, and form/content relationships. Emphasis involves the study of grid structures, graphic elements and the computer as a process tool. Prerequisite: ART 301M or ART 301 and ART 305M or ART 305 Additional Course Fee Required

ART 319 – Design Illustration I  3 credit hours
An introduction and study of technical illustration. Emphasis involves the research and exploration of different line drawing techniques in various mediums for design communications. Prerequisite: ART 309 Additional Course Fee Required

ART 325 – History of Modern Art  3 credit hours
An examination of the major art movements in Europe and America from Post-Impressionism to the 1940’s. Prerequisite: ART 222

ART 326 – History of American Art  3 credit hours
Study of the development of American art, its origins and the emergence of an American style. Prerequisite: ART 222

ART 327 – Photography: Analog Processes  3 credit hours
This course will explore the artistic potential of black and white photography. We will learn the basics of photography as they pertain to the exposure, development, and printing of black and white film. Initially this course will be heavily technical so we can pick up the skills needed to explore the artistic side of this life. In the end, artistic, technical, and conceptual aspects of the medium will be emphasized. Prerequisite: ART 228 or ART 118 Additional Course Fee Required

ART 328 – Photography: Digital  3 credit hours
An introduction to using digital processes to create photographs. Technical explorations will include Photoshop, Camera Raw, flatbed scanners and using inkjet printers to create photographs. Awareness of contemporary issues and ideas in photography will be emphasized. Prerequisite: ART 228 or ART 118

ART 329 – Photography: Artificial Lighting  3 credit hours
This course will explore the artistic potential of artificial lighting in photography. We will explore on-camera flash, tungsten lighting, and strobe lighting. Initially this course will be heavily technical so we can pick up the skills needed to explore the artistic side of this life. In the end, artistic, technical, and conceptual aspects of the medium will be emphasized and come together on a final project of the students design. Prerequisite: ART 228
ART 330A – Ceramics II 3 credit hours
This course introduces advanced techniques for handbuilding with a focus on wheel throwing. Students gain further knowledge of and experience in the glazing and firing process. Emphasis is placed on craftsmanship and personal creativity. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 230
Additional Course Fee Required

ART 330B – Ceramics III 3 credit hours
A continuation of ART 330A. Individual techniques for constructing ceramic forms are explored. Examination of technology and chemistry of clay, glazes and specialized firing procedures are addressed. Emphasis is placed on craftsmanship, personal creativity and conceptual development. All basic clays and glaze are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 330A and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 330C – Ceramics IV 3 credit hours
Continuation of ART 330B. Individual techniques for constructing ceramic forms are explored as well as the continued study of ceramic materials and firing techniques. Emphasis is placed on craftsmanship, personal creativity, and conceptual development. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 330B
Additional Course Fee Required

ART 331 – Non Western Survey I: Art in India, China and Japan 3 credit hours
Survey of the artistic heritage of three major non-western traditions from approximately 1000 B.C. to the nineteenth century. Special emphasis will be placed on art as a reflection of the religious and cultural developments of each country and time period. Prerequisite: ART 222

ART 335A – Printmaking II 3 credit hours
Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. Multimedia students should take the section designated ART 355M. Prerequisite: ART 235A or ART 235B and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 335B – Printmaking III 3 credit hours
Continuation of ART 335A. Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. Prerequisite: ART 335A and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 335C – Printmaking IV 3 credit hours
Continuation of ART 335B. Students broaden their understanding of specific printmaking processes with a concentration on the personal content of their work. Investigation and experimentation is encouraged. Prerequisite: ART 335B
Additional Course Fee Required

ART 335D – Typography II 3 credit hours
An intermediate exploration in the use of typographic design as an expressive and functional communicative design vehicle. Emphasis on defining effective design criteria to meet the readers' needs, the communicator's intent and the designer's formal sensibilities. Prerequisite: ART 301
Additional Course Fee Required

ART 336A – Sculpture II 3 credit hours
This course introduces advanced techniques for handbuilding with a focus on wheel throwing. Students gain further knowledge of and experience in the glazing and firing process. Emphasis is placed on craftsmanship and personal creativity. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 230
Additional Course Fee Required

ART 336B – Sculpture III 3 credit hours
Continuation of ART 336A. Individual techniques for constructing ceramic forms are explored as well as the continued study of ceramic materials and firing techniques. Emphasis is placed on craftsmanship, personal creativity, and conceptual development. All basic clays and glaze are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals. Prerequisite: ART 330A and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 336C – Sculpture IV 3 credit hours
Continuation of ART 336B. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. Prerequisite: ART 344A
Additional Course Fee Required

ART 344A – Glass II 3 credit hours
Forming molten glass creatively is very challenging and requires great dedication over long periods of time to master. Each class will result in higher levels of design and forming competencies which will also lead to more sophisticated techniques. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. Prerequisite: ART 244 and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 344B – Glass III 3 credit hours
Continuation of ART 344A. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. Prerequisite: ART 344A
Additional Course Fee Required

ART 344C – Glass IV 3 credit hours
Continuation of ART 344B. Advanced techniques of colorizing, casting, slumping, blasting and joining will be stressed. Prerequisite: ART 344B
Additional Course Fee Required

ART 346A – Sculpture II 3 credit hours
Figure Study. This course will focus on the study of human anatomy as well as the creative interpretation of the human figure. Clay will serve as the primary medium of choice, although some mixed media concepts will also be encouraged. A study of the human figure will enhance the student's creative foundation whether pursuing a major in sculpture, graphic design, art education or other areas of fine arts. Prerequisite: ART 246 and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 346B – Sculpture III 3 credit hours
Plaster, Cement and Mixed Media. This course will introduce the use of plaster and cement as manipulation, fabrication and casting media. Armature construction and mold making will be taught along with a variety of finishing processes. The use of maquettes as a means to large or monumental sculpture concepts will also be taught. Other mixed media concepts will also be introduced. Creative originality and craftsmanship will be stressed. Prerequisite: ART 246
Additional Course Fee Required

ART 346C – Sculpture IV 3 credit hours
Cast Metals. This course will focus on the lost wax process of casting metal sculpture. Bronze and aluminum are most commonly used, however, other castable metals may be used for small sculpture concepts. The sand casting process will also be introduced. Creative original concepts and good craftsmanship are stressed. Prerequisite: ART 246
Additional Course Fee Required

ART 351 – Typography I 3 credit hours
An introduction to the use of typographic design as an expressive and functional communicative design vehicle. Emphasis on defining effective design criteria to meet the readers' needs, the communicator's intent and the designer's formal sensibilities. Prerequisite: ART 301
Additional Course Fee Required

ART 351 – Typography II 3 credit hours
An intermediate exploration in the use of typographic design as an expressive and functional communicative design vehicle. Emphasis on defining effective design criteria to meet the readers' needs, the communicator's intent and the designer's formal sensibilities. Prerequisite: ART 301
Additional Course Fee Required
ART 352A – Drawing III 3 credit hours
An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development.
Prerequisite: Successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 352B – Drawing IV 3 credit hours
Continuation of ART 352A. An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development.
Prerequisite: ART 352A
Additional Course Fee Required

ART 352C – Drawing V 3 credit hours
Continuation of ART 352B. An intermediate drawing course that focuses on expressive figure drawing, contemporary works on paper issues and introduces thematic development.
Prerequisite: ART 352B
Additional Course Fee Required

ART 355 – Web Design & Motion Graphics 3 credit hours
Design students are introduced to contemporary web development tools using W3C standards compliant language. Discussions prominent throughout the course will focus on design, graphics interfaces, their clarity and ease of use in a user friendly design studio environment.
Prerequisite: ART 305

ART 355M – Web Design & Motion Graphics/Multimedia 3 credit hours
For Multimedia students. An intermediate and advanced exploration into the use of computer technology as a visual problem-solving tool for expressive imagery and functional web/motion design communications. Emphasis involves the study of image generation and manipulation in relationship to the growing web and motion design software.
Prerequisite: ART 301M or ART 301 and ART 305M or ART 305

ART 360 – Elementary Art Methods 3 credit hours
This course is concerned with the theory and philosophy for elementary art methods of teaching children through art. A field experience of observation and teaching is required.
Prerequisite: ART 100 and non-art majors only.
Additional Course Fee Required

ART 362 – Art Methods for Elementary Art Educators 2 credit hours
This course, which is designed for art education majors only, provides the framework for developing an understanding of child development, pedagogical methods, and the philosophy of elementary art education. The course is taken concurrently with the elementary field experience. Use of a variety of art materials will provide practical experience in teaching, understanding and evaluating children’s artwork.
Prerequisite: Admission to Teacher Education Program and Art Education majors only.
Corequisite: ART 356.
Additional Course Fee Required

ART 365 – Field Experience in PK-6 Art Classrooms 1 credit hour
This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator. Under the mentorship of a practicing K-6 teacher, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school related activities commonly encountered by professional educators.
Prerequisite: Admission to Teacher Education Program.
Corequisite: ART 362.

ART 368 – Design II 3 credit hours
An advanced course in graphic design that emphasizes the development of identity symbols and systems. Study topics cover the theoretical as well as the vocational aspects of this type of design activity. Theoretical topics include: signs and symbols, semiotics and communication theory. Exposure to “best practices” includes the development of design briefs, presentations to clients and the production of comprehensive samples.
Prerequisite: ART 318 and successful completion and passing of the Sophomore Portfolio Review.
Additional Course Fee Required

ART 369 – Design Illustration II 3 credit hours
An advanced course in developing illustration appropriate for business communication or editorial displays. Emphasis involves creating illustrations that would appear in books, magazines or newspapers. Students will practice illustration skills with the concerns for content that involve ethical and social implications.
Prerequisite: ART 319
Additional Course Fee Required

ART 370 – Art Methods 2 credit hours
Theory and philosophy for secondary school art. Supervision and curricula.
Prerequisite: Admission to Teacher Education Program.
Additional Course Fee Required

ART 371 – Field Experience in 7-12 Art Classrooms 1 credit hour
This 50 hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles so a professional educator. Under the mentorship of a practicing 7-12 educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators.
Corequisite: ART 370.

ART 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Corequisite: ART 370.

ART 389 – Art Apprenticeship Program 1-4 credit hours
Students interested in working with a department faculty member in a variety of departmental activities should contact faculty members who would agree to supervise the learning experiences for the semester. A formal work plan must be in writing and approved by the faculty advisor. Total Credits Allowed: 4.00

ART 403 – Individual Problems in Art 1-9 credit hours
Independent study for majors and minors in Art. Intensive study in a selected art field. Students should not take more than 3 hours of ART 403 in any one semester.
Department Consent Required
Total Credits Allowed: 18.00

ART 403A – Independent Problem: Ceramics 1-4 credit hours
Total Credits Allowed: 4.00
ART 405 – History of 19th Century Art  3 credit hours
A study of the development of 19th century art in Europe: Neo-Classicism, Romanticism, Realism, and Impressionism and Post-Impressionism.
Prerequisite: ART 222

ART 407 – Art Methods for Young Children  3 credit hours
This course is concerned with the theories and philosophies of art methods for teaching young children. This interactive course is designed to give a new perspective on planning and implementing developmentally appropriate programs for children from birth through age eight. In this course we discuss curriculum, assessment, evaluation, and program planning. We will discuss several historical perspectives and theories of child development, and examine best practices for young children in art education. We will also examine key concepts and assessments as they relate to specific art activities.
Prerequisite: ART 100

ART 409 – History of Nebraska Art  1-3 credit hours
A survey of art and artists in 19th and 20th century Nebraska and how their art relates to the history of art in western civilization. Unique characteristics of regional art forms are examined and discussed.
Total Credits Allowed: 3.00

ART 413 – Design Practicum  3 credit hours
An advanced design course that focuses on the design practicum and/or internship experience. Emphasis involves students learning professional design practices with authentic client projects from the University and/or local community. Topics include procedures for interacting and consulting with clients, design, illustration, photography, art production, pre-press preparation and supervision of projects to completion. Course may be repeated for credit.
Department Consent Required
Total Credits Allowed: 9.00
Additional Course Fee Required

ART 414A – Advanced Painting V  3 credit hours
Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings.
Prerequisite: ART 314C
Additional Course Fee Required

ART 414B – Advanced Painting VI  3 credit hours
Continuation of ART 414A. Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings.
Prerequisite: ART 414A
Additional Course Fee Required

ART 414C – Advanced Painting VII  3 credit hours
Continuation of ART 414B. Students concentrate on personalizing content, while investigating processes and techniques related to large format paintings.
Prerequisite: ART 414B
Additional Course Fee Required

ART 415 – Late Modern: Art Since the '50s  3 credit hours
An examination of contemporary directions in the visual arts since 1950. Special emphasis given to current trends in both Europe and the United States, including new modes such as video and environmental art.
Prerequisite: ART 222

ART 418 – Design III  3 credit hours
An advanced design course based on three-dimensional graphic design formats and design systems. Emphasis involves theoretical and practical design applications in the advertising and design profession. Topics involve packaging, product applications, exhibition and/or environmental design projects.
Prerequisite: ART 368
Additional Course Fee Required

ART 419 – Design Illustration III  3 credit hours
An advanced illustration course requiring in depth explorations into translating naturalistic, representational, graphic forms of expression into forms, which develop the student's individual voice. Students will also analyze visual narratives and create visual expressions, which reflect a variety of styles.
Prerequisite: ART 369

ART 422 – Women in Art  3 credit hours
A chronological survey from the prehistoric era through the end of the twentieth century, analyzing women's artistic role in their societies and highlighting pertinent issues in each individual period.

ART 425 – Critical Perspectives  3 credit hours
Research into problems of aesthetic attitude and content.
Prerequisite: At least 12 hours in Art.

ART 426 – Medieval Art  3 credit hours
The course will focus on the development of Western art during the Medieval period, or Middle Ages, dating from the 4th century to the 14th century. Art and architecture will be discussed within social, political and religious contexts.
Prerequisite: ART 222

ART 427 – Photography: Hybridized Processes  3 credit hours
This course will explore the artistic potential between traditional analog photography and today's digital techniques. We will learn the techniques of the analog processes and then begin to integrate digital techniques. Initially this course will be heavily technical so we can pick up the skills needed to explore the artistic side of this life. In the end, artistic, technical, and conceptual aspects of the medium will be emphasized and come together on a final project of the student's design.
Prerequisite: ART 327 or ART 328 or ART 329
Additional Course Fee Required

ART 428A – Advanced Photography: Contemporary Exhibition Practices  3 credit hours
This course will explore photography and contemporary exhibition techniques within the medium. Emphasis will be placed on personal aesthetic questions aligned with appropriate photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the exhibition of a photographic body of work.
Prerequisite: Completion and passing of the Sophomore Portfolio Review and ART 327 or ART 328 or ART 329.
ART 428B – Advanced Photography: Traditional Exhibition Practices  3 credit hours
This course will explore photography and traditional exhibition techniques within the medium. Emphasis will be placed on personal aesthetic questions regarding space and the environment aligned with appropriate digital or hybridized photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the exhibition of a photographic body of work.
Prerequisite: Completion and passing of the Sophomore Portfolio Review and ART 327 or ART 328 or ART 329.

ART 428C – Advanced Photography: The Book Format  3 credit hours
This course will explore photography and its history and future within the book format. Emphasis will be placed on personal aesthetic questions aligned with appropriate photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the completion of a photography book.
Prerequisite: ART 327 or ART 328 or ART 329

ART 428D – Advanced Photography: Social Media Practices  3 credit hours
This course will explore photography and traditional exhibition techniques within the medium. Emphasis will be placed on personal aesthetic questions regarding space and the environment aligned with appropriate analog or hybridized photographic processes. There will be an emphasis on developing a creative body of work in photography and sharing this work through presentations, social media sites, and formal and/or informal exhibitions. This course will culminate in the exhibition of a photographic body of work.
Prerequisite: ART 327 or ART 328 or ART 329

ART 430 – Adv Ceramics  3 credit hours
Additional Course Fee Required

ART 430A – Ceramics V  3 credit hours
Advanced level coursework. Individual techniques for constructing ceramic forms are encouraged and expected. Individualized methodology of surface development by glazing and firing is explored. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized clay and glaze chemicals.
Prerequisite: ART 430A
Additional Course Fee Required

ART 430B – Ceramics VI  3 credit hours
Continuation of ART 430A. Advanced level coursework. Individual techniques for constructing ceramic forms are encouraged and expected. Individualized methodology of surface development by glazing and firing is explored. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals.
Prerequisite: ART 430A
Additional Course Fee Required

ART 430C – Ceramics VII  3 credit hours
Continuation of ART 430B. Advanced level coursework for the ceramic studio major. Individual techniques for constructing ceramic forms are encouraged and expected. Individualized methodology of surface development by glazing and firing is explored. All basic clays and glaze chemicals are provided with the exception of specialized tools, specialized protective clothing and specialized glaze chemicals.
Prerequisite: ART 430B
Additional Course Fee Required

ART 435A – Printmaking V  3 credit hours
The print as a multiple original and edition printing is considered. Study with color printing processes may be explored.
Prerequisite: ART 335C
Additional Course Fee Required

ART 435B – Printmaking VI  3 credit hours
Continuation of ART 435A. The print as a multiple original and edition printing is considered. Study with color printing processes may be explored.
Prerequisite: ART 435A
Additional Course Fee Required

ART 435C – Printmaking VII  3 credit hours
Continuation of ART 435B. The print as a multiple original and edition printing is considered. Study with color printing processes may be explored.
Prerequisite: ART 435B
Additional Course Fee Required

ART 444A – Glass V  3 credit hours
These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lusters and sulfides will be introduced while improving on previous processes and techniques.
Prerequisite: ART 344C
Additional Course Fee Required

ART 444B – Glass VI  3 credit hours
Continuation of ART 444A. These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lusters and sulfides will be introduced while improving on previous processes and techniques.
Prerequisite: ART 444A
Additional Course Fee Required

ART 444C – Glass VII  3 credit hours
Continuation of ART 444B. These creative glass classes will lead to higher levels of craftsmanship while stressing original creative concepts. Experimental activities using metal foils of gold leaf, silver leaf, copper leaf, etc.; lusters and sulfides will be introduced while improving on previous processes and techniques.
Prerequisite: ART 444B
Additional Course Fee Required

ART 446A – Sculpture V  3 credit hours
Direct Metals. This course will focus on the fabrication of metal sculpture concepts. Soldering, welding, riveting, adhesive bonding and mechanical fabrication will be introduced. Creative original concepts and good craftsmanship are stressed.
Prerequisite: ART 446
Additional Course Fee Required
ART 446B – Sculpture VI  3 credit hours
This course will focus on wood carving and wood assemblage and construction of sculpture. The proper use of wood power equipment such as saws, Sanders and carvers will be taught. Creative original concepts and good craftsmanship will be emphasized.
Prerequisite: ART 446A
Additional Course Fee Required

ART 446C – Sculpture VII  3 credit hours
This course will focus on the use of clay as a creative medium. Basic clay construction techniques will be taught while investigating ceramic formulae relative to size and surface considerations. Creative originality and good craftsmanship are stressed.
Prerequisite: ART 446B
Additional Course Fee Required

ART 450 – Special Topics  1-9 credit hours
Independent study in Art and intensive study in a selected art field.
Department Consent Required
Total Credits Allowed: 18.00
Prerequisite: Approval by department for students on the BFA program who have completed 30 hours of ART.

ART 450A – Special Topics: Ceramics  1-4 credit hours
Total Credits Allowed: 4.00

ART 451 – Typography III  3 credit hours
This course involves an advanced exploration of type as an expressive and functional vehicle for print and electronic design. Students will continue the study of the typographic terms of separation, layering and fracturing as it pertains to different typographic design applications. Emphasis will be placed on defining effective design criteria in order to meet the reader’s or audience’s needs, the communicator’s intent, and the designer’s formal sensibilities.
Prerequisite: ART 451

ART 452A – Drawing VI  3 credit hours
Advanced work with the elements of composition in a variety of drawing media.
Prerequisite: ART 352C
Additional Course Fee Required

ART 452B – Drawing VII  3 credit hours
Continuation of ART 452A. Advanced work with the elements of composition in a variety of drawing media.
Prerequisite: ART 452A
Additional Course Fee Required

ART 452C – Drawing VIII  3 credit hours
Continuation of ART 452B. Advanced work with the elements of composition in a variety of drawing media.
Prerequisite: ART 452B
Additional Course Fee Required

ART 454 – Computer Animation II  3 credit hours
An advanced animation course for students with previous animation experience desiring to produce a 10-30 second cell animated production with sound.
Prerequisite: ART 305 or ART 305M

ART 454M – Computer Animation II/Multimedia  3 credit hours
For Multimedia students. An advanced animation course for students with previous animation experience desiring to produce a 10-30 second cell animated production with sound.

ART 456 – Portfolio  1-3 credit hours
An advanced art and design course that focuses on the development and creation of a student portfolio in order to complete the BA Studio degree, or the BFA degree programs. Topics involve the refinement or creation of the portfolio itself, cover letter, resume and proposals for the senior project. The course will utilize the student’s knowledge and skills from previous coursework in order to create a professional presence that emphasizes acquired design skills and strengths.
Department Consent Required

ART 460 – Experimental Art Practices  3 credit hours
This course is designed to introduce the student to experimental contemporary art practices that encourage creative problem solving abilities and free expression of ideas. Media may include performance art, video, site-specific and installation artworks.
Prerequisite: ART 102 and ART 211 and ART 118

ART 468 – Package Design  3 credit hours
An advanced studio investigation of three-dimensional formats. Students exploration of three-dimensional formats will include: developing imagery and typography, understanding the visual communication of content with audience. Emphasis involves theoretical study and practice of visual communication relating to the areas of packaging, exhibition and environmental design.
Prerequisite: ART 418
Additional Course Fee Required

ART 474 – Special Topics in Art  3-6 credit hours
Designed to meet special needs for students in Art Education, Art History, and Studio Art. Must have special permission of department chair to enroll.
Total Credits Allowed: 6.00

ART 475 – Cultural Studies Through Art  3-6 credit hours
The study of the visual arts and culture of a region or country through travel and research.
Total Credits Allowed: 18.00
Prerequisite: ART 222

ART 478 – Design IV  3 credit hours
An advanced design course that focuses on communication arts and graphic design systems; Emphasis on exploration of different design research, creative concepts, theory, methodologies and applied problem solving of multi-component projects. Course projects will include 2D print design, 3D design and digital design format.
Prerequisite: ART 418

ART 496 – Visual Communications and Design Senior Project Review  1 credit hour
The student will develop a multimedia gallery presentation that is a capstone of their experience in the VCD program. The presentation will include an artist’s statement, a sketchbook documenting their thought processes, as well as the installation, which will include branding, signage, literature, etc for a fictional client that they have conceived. The project will be evaluated by VCD faculty as well as outside professionals and will be graded on a pass/fail basis.
Department Consent Required

ART 497 – Senior Project: BA  3 credit hours
An advanced art and design course that focuses on the development and creation of a student portfolio in order to complete the BA Studio degree, or the BFA degree programs. Topics involve the refinement or creation of the portfolio itself, cover letter, resume and proposals for the senior project. The course will utilize the student’s knowledge and skills from previous coursework in order to create a professional presence that emphasizes acquired design skills and strengths.
Department Consent Required
ART 498 – Senior Project: Art Education  1 credit hour  
This advanced level course includes an exhibition which allows art education students to demonstrate proficiency in a number of studio media for future teaching of PK-12. Students will also write a paper on their philosophy of art education and how their work informs their teaching. The course will be a synthesis of pre-service art education coursework; exploration into professional practices and standards; completion of teaching and learning portfolio; demonstration of student teaching readiness. 
Department Consent Required  
Additional Course Fee Required  

ART 499 – Senior Project: BFA  1-3 credit hours  
This course is a program requirement for all BFA Studio and Visual Communications and Design degree majors. The final studio senior project will result in an exhibition and an oral review by the department art faculty. The final VCD senior project will also conclude with an exhibition and an oral review by the design faculty and at least one design professional. There is a strong emphasis on originality, creativity, execution of the senior project and portfolio artwork is a must upon completing this course. 
Department Consent Required  
Total Credits Allowed: 3.00

Art History Minor

Offered by Department of Art and Design (p. 154)

Students majoring in Art must have approval of the Art Department Chairman to minor in Art History.

This minor is for those students desiring an introductory study of the language and historical framework of art.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ART 221</td>
<td>Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>ART 222</td>
<td>Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>Select 12 credit hours of the following:</td>
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<td>12</td>
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<tr>
<td>ART 275</td>
<td>Cultural Studies Through Art</td>
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<tr>
<td>ART 303</td>
<td>History of Renaissance Art</td>
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<tr>
<td>ART 310</td>
<td>Art of Baroque and Rococo Era</td>
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<tr>
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<td>History of Modern Art</td>
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<tr>
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<tr>
<td>ART 331</td>
<td>Non Western Survey I: Art in India, China and Japan</td>
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<tr>
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<td>ART 440</td>
<td>Special Problems in Art History</td>
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<tr>
<td>ART 474</td>
<td>Special Topics in Art</td>
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<td>ART 475</td>
<td>Cultural Studies Through Art</td>
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</table>

Total Credit Hours  18

Art History, Bachelor of Arts

Offered by Department of Art and Design (p. 154)

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
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<tr>
<td>Select one course numbered 188 (p. 465)</td>
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<tr>
<td>Select one course numbered 388 (p. 461)</td>
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Total Credit Hours  120

Major Option

Art History Requirements

Select 30 credit hours of the following:  30

<table>
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<tbody>
<tr>
<td>ART 221</td>
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</table>

Art History Elective

Select 6 credit hours of any additional Art History courses:  6

Students majoring in Art must have approval of the Art Department Chairman to minor in Art History.

This minor is for those students desiring an introductory study of the language and historical framework of art.

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<td>Cultural Studies Through Art</td>
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<tr>
<td>ART 475</td>
<td>Cultural Studies Through Art</td>
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</table>

Total Credit Hours  18
Recommended electives:

ART 331 Non Western Survey I: Art in India, China and Japan
ART 475 Cultural Studies Through Art

Additional Art History elective options:
ART 275 Cultural Studies Through Art
ART 409 History of Nebraska Art
ART 422 Women in Art
ART 474 Special Topics in Art

Total Credit Hours 36

1 For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Art K-12 Teaching Field Endorsement Bachelor of Arts in Education

Offered by Department of Art and Design (p. 154)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>ART Field Endorsement Requirements</td>
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<tr>
<td>ART 102</td>
<td>Drawing I</td>
<td>3</td>
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<tr>
<td>ART 105</td>
<td>Graphic Media</td>
<td>3</td>
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<tr>
<td>ART 118</td>
<td>Color and Design</td>
<td>3</td>
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<tr>
<td>ART 202</td>
<td>Drawing II</td>
<td>3</td>
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<tr>
<td>ART 211</td>
<td>3-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 214</td>
<td>Painting I</td>
<td>3</td>
</tr>
<tr>
<td>ART 221</td>
<td>Art History Survey I</td>
<td>3</td>
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<tr>
<td>ART 222</td>
<td>Art History Survey II</td>
<td>3</td>
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<tr>
<td>ART 230</td>
<td>Ceramics I</td>
<td>3</td>
</tr>
<tr>
<td>ART 235A</td>
<td>Printmaking I-Intaglio and Relief</td>
<td>3</td>
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<tr>
<td>ART 498</td>
<td>Senior Project: Art Education</td>
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<td></td>
<td>Art Field Endorsement Electives</td>
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<td>Select 8 credit hours of the following:</td>
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<tr>
<td>ART 218</td>
<td>Introduction to Design</td>
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<tr>
<td></td>
<td>Ceramics</td>
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<tr>
<td>ART 330A</td>
<td>Ceramics II</td>
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</tr>
<tr>
<td>ART 330B</td>
<td>Ceramics III</td>
<td></td>
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<tr>
<td>ART 330C</td>
<td>Ceramics IV</td>
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<tr>
<td></td>
<td>Sculpture</td>
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<tr>
<td>ART 246</td>
<td>Sculpture I</td>
<td></td>
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<tr>
<td>ART 346A</td>
<td>Sculpture II</td>
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<tr>
<td>ART 346B</td>
<td>Sculpture III</td>
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<td>Printmaking</td>
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<tr>
<td>ART 335A</td>
<td>Printmaking II</td>
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<tr>
<td>ART 335B</td>
<td>Printmaking III</td>
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<td>ART 335C</td>
<td>Printmaking IV</td>
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<td></td>
<td>Glass</td>
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<tr>
<td>ART 244</td>
<td>Glass I</td>
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<tr>
<td>ART 344A</td>
<td>Glass II</td>
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<td>ART 344B</td>
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<td></td>
<td>Photography</td>
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<tr>
<td>ART 228</td>
<td>Creative Photography (Photography)</td>
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</tr>
</tbody>
</table>

After having completed all of these classes; ART 102, 105, 118, 211, 221, or their transferred equivalents, every student pursuing a Bachelor of Fine Arts (BFA) in Studio Art, a BFA in Visual Communication & Design (VCD), or a Bachelor of Arts (BA) in Art Education is required to participate in the SPR. Each student must pass the SPR in order to be allowed to register for junior level courses and continue in the programs listed above. A student pursuing a BA in Studio Art, or only an art minor, is exempt from the SPR but will be blocked from enrollment in certain junior level art courses until a permit is requested and issued from the department chair. Students who fail the SPR a second time are ineligible to continue pursuing a BFA in Studio Art or VCD, or a BA in Art Education. The SPR must be submitted online and contain ten pieces of artwork and a thesis paper.
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ART 327</td>
<td>Photography: Analog Processes</td>
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<tr>
<td>ART 328</td>
<td>Photography: Digital</td>
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**Painting**

<table>
<thead>
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<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>ART 314A</td>
<td>Painting II</td>
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<tr>
<td>ART 314B</td>
<td>Painting III</td>
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<tr>
<td>ART 314C</td>
<td>Painting IV</td>
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**Drawing**

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<th>Code</th>
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<tr>
<td>ART 352A</td>
<td>Drawing III</td>
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<td>ART 352B</td>
<td>Drawing IV</td>
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<tr>
<td>ART 352C</td>
<td>Drawing V</td>
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**Art**

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<tr>
<td>ART 403</td>
<td>Individual Problems in Art</td>
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<tr>
<td>ART 450</td>
<td>Special Topics</td>
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**Art History Electives**

Select 1 of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>ART 303</td>
<td>History of Renaissance Art</td>
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<tr>
<td>ART 440</td>
<td>Special Problems in Art History</td>
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<tr>
<td>ART 474</td>
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<td>ART 475</td>
<td>Cultural Studies Through Art</td>
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**Art Education Professional Requirements**

<table>
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<tr>
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<tr>
<td>ART 205</td>
<td>Foundations of Art Education</td>
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<tr>
<td>ART 362</td>
<td>Art Methods for Elementary Art Educators</td>
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<tr>
<td>ART 365</td>
<td>Field Experience in PK-6 Art Classrooms</td>
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<tr>
<td>ART 370</td>
<td>Art Methods</td>
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<tr>
<td>ART 371</td>
<td>Field Experience in 7-12 Art Classrooms</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 51

1 Students must apply for admission to all Teacher Education programs (p. 404).

**Art Minor—Elementary Education**

Offered by Department of Art and Design (p. 154)

This minor is for those students desiring an introductory study of and experience with art fundamentals, two- and three-dimensional studio processes, tools and techniques and methodology of teaching at the elementary and secondary level. This course of study is only available to students seeking an Elementary Education Endorsement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ART 188</td>
<td>Art Minor—Elementary Education Requirements</td>
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<tr>
<td>ART 102</td>
<td>Drawing II</td>
<td>3</td>
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<td>ART 118</td>
<td>Color and Design</td>
<td>3</td>
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<tr>
<td>ART 360</td>
<td>Elementary Art Methods</td>
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<td>ART 230</td>
<td>Ceramics I</td>
<td>3</td>
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<tr>
<td>or ART 246</td>
<td>Sculpture I</td>
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<tr>
<td>Select any 3 credit hour Art History offering 1</td>
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</table>

**Art Minor—Elementary Education Electives**

Select 3 credit hours of the following Two-Dimensional courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 202</td>
<td>Drawing II</td>
<td></td>
</tr>
<tr>
<td>ART 214</td>
<td>Painting I</td>
<td></td>
</tr>
<tr>
<td>ART 216</td>
<td>Water Based Media</td>
<td></td>
</tr>
<tr>
<td>ART 235A</td>
<td>Printmaking I-Intaglio and Relief</td>
<td></td>
</tr>
<tr>
<td>Select any 3 credit hour Art History offering 1</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credit Hours** 24

1 Except ART 188

**Art Minor: 2D**

Offered by Department of Art and Design (p. 154)

This minor is for those students desiring an introductory study of and experience with art fundamentals, with two-dimensional studio processes.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 102</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 118</td>
<td>Color and Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 360</td>
<td>Elementary Art Methods</td>
<td>3</td>
</tr>
<tr>
<td>ART 230</td>
<td>Ceramics I</td>
<td>3</td>
</tr>
<tr>
<td>or ART 246</td>
<td>Sculpture I</td>
<td></td>
</tr>
<tr>
<td>Select any 3 credit hour Art History offering 1</td>
<td>3</td>
<td></td>
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</table>

**Art Minor Electives**

Select 3 credit hours of Area 1: Two-Dimensional:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 202</td>
<td>Drawing II</td>
<td></td>
</tr>
<tr>
<td>ART 214</td>
<td>Painting I</td>
<td></td>
</tr>
<tr>
<td>ART 216</td>
<td>Water Based Media</td>
<td></td>
</tr>
<tr>
<td>ART 235A</td>
<td>Printmaking I-Intaglio and Relief</td>
<td></td>
</tr>
<tr>
<td>ART 235B</td>
<td>Printmaking I-Silkscreen</td>
<td></td>
</tr>
<tr>
<td>ART 314A</td>
<td>Painting II</td>
<td></td>
</tr>
<tr>
<td>ART 314B</td>
<td>Painting III</td>
<td></td>
</tr>
<tr>
<td>ART 314C</td>
<td>Painting IV</td>
<td></td>
</tr>
<tr>
<td>ART 335A</td>
<td>Printmaking II</td>
<td></td>
</tr>
<tr>
<td>ART 335B</td>
<td>Printmaking III</td>
<td></td>
</tr>
<tr>
<td>ART 335C</td>
<td>Printmaking IV</td>
<td></td>
</tr>
<tr>
<td>ART 352A</td>
<td>Drawing III</td>
<td></td>
</tr>
<tr>
<td>ART 403</td>
<td>Individual Problems in Art</td>
<td></td>
</tr>
</tbody>
</table>
Art Minor: 3D

Offered by Department of Art and Design (p. 154)

This minor is for those students desiring an introductory study of and experience with art fundamentals, with three-dimensional studio processes, tools and techniques.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 211</td>
<td>3-D Design</td>
<td>3</td>
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Select 2 of the following: 6

<table>
<thead>
<tr>
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<th>Title</th>
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<tr>
<td>ART 230</td>
<td>Ceramics I</td>
</tr>
<tr>
<td>ART 244</td>
<td>Glass I</td>
</tr>
<tr>
<td>ART 246</td>
<td>Sculpture I</td>
</tr>
</tbody>
</table>

Art Minor Electives

Select 9 credit hours of the following: 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
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<td>Ceramics I</td>
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<tr>
<td>ART 244</td>
<td>Glass I</td>
</tr>
<tr>
<td>ART 246</td>
<td>Sculpture I</td>
</tr>
<tr>
<td>ART 300A</td>
<td>Ceramics II</td>
</tr>
<tr>
<td>ART 300B</td>
<td>Ceramics III</td>
</tr>
<tr>
<td>ART 300C</td>
<td>Ceramics IV</td>
</tr>
<tr>
<td>ART 344A</td>
<td>Glass II</td>
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<tr>
<td>ART 344B</td>
<td>Glass III</td>
</tr>
<tr>
<td>ART 344C</td>
<td>Glass IV</td>
</tr>
<tr>
<td>ART 346A</td>
<td>Sculpture II</td>
</tr>
<tr>
<td>ART 346B</td>
<td>Sculpture III</td>
</tr>
<tr>
<td>ART 346C</td>
<td>Sculpture IV</td>
</tr>
<tr>
<td>ART 403</td>
<td>Individual Problems in Art</td>
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</table>

Total Credit Hours 18

Photography Minor

Offered by Department of Art and Design (p. 154)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>ART 118</td>
<td>Color and Design</td>
<td>3</td>
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<tr>
<td>ART 120</td>
<td>Art Appreciation</td>
<td>3</td>
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<tr>
<td>ART 228</td>
<td>Creative Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 327</td>
<td>Photography: Analog Processes</td>
<td>3</td>
</tr>
<tr>
<td>ART 328</td>
<td>Photography: Digital</td>
<td>3</td>
</tr>
<tr>
<td>ART 329</td>
<td>Photography: Artificial Lighting</td>
<td>3</td>
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</table>

Photography Minor Electives

<table>
<thead>
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<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>ART 102</td>
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<tr>
<td></td>
<td>or ART 211 3-D Design</td>
</tr>
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</table>

Total Credit Hours 21

Illustration Minor

Offered by Department of Art and Design (p. 154)

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tr>
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<tr>
<td>ART 202</td>
<td>Drawing II</td>
<td>3</td>
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<tr>
<td>ART 309</td>
<td>Graphic Imaging</td>
<td>3</td>
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<tr>
<td>ART 319</td>
<td>Design Illustration I</td>
<td>3</td>
</tr>
<tr>
<td>ART 352A</td>
<td>Drawing III</td>
<td>3</td>
</tr>
<tr>
<td>ART 352B</td>
<td>Drawing IV</td>
<td>3</td>
</tr>
<tr>
<td>ART 369</td>
<td>Design Illustration II</td>
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</tr>
<tr>
<td>ART 419</td>
<td>Design Illustration III</td>
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</table>

Total Credit Hours 24

Studio Art Bachelor of Arts

Offered by Department of Art and Design (p. 154)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
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</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Portal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
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</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BA Language requirement</td>
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</tr>
<tr>
<td></td>
<td>Complete all required courses 1</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Major Option</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Minor or 2nd Major</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses 2</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Unrestricted electives</td>
<td></td>
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<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>120</td>
</tr>
</tbody>
</table>

After having completed all of these classes; ART 102, 105, 118, 211, 221, or their transferred equivalents, every student pursuing a Bachelor of Fine
Arts (BFA) in Studio Art, a BFA in Visual Communication & Design (VCD), or a Bachelor of Arts (BA) in Art Education is required to participate in the SPR. Each student must pass the SPR in order to be allowed to register for junior level courses and continue in the programs listed above. A student pursuing a BA in Studio Art, or only an art minor, is exempt from the SPR but will be blocked from enrollment in certain junior level art courses until a permit is requested and issued from the department chair. Students who fail the SPR a second time are ineligible to continue pursuing a BFA in Studio Art or VCD, or a BA in Art Education. The SPR must be submitted online and contain ten pieces of artwork and a thesis paper.

### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 102</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 105</td>
<td>Graphic Media</td>
<td>3</td>
</tr>
<tr>
<td>ART 118</td>
<td>Color and Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 211</td>
<td>3-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 221</td>
<td>Art History Survey I</td>
<td>3</td>
</tr>
<tr>
<td>ART 222</td>
<td>Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>ART 456</td>
<td>Portfolio</td>
<td></td>
</tr>
</tbody>
</table>

Take 3 Hours from the following

- ART 202 Drawing II
- ART 214 Painting I

### Studio Art Comprehensive Bachelor of Fine Arts

Offered by Department of Art and Design (p. 154)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Portal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
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</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
</tbody>
</table>

|        | Major Option                 | 75           |
|        | Complete all required courses |              |

### Unrestricted electives

- Needed to reach 120 credit hour minimum | 0

Total Credit Hours: 120

In the second semester of the sophomore year or after having completed a majority of these classes (ART 102, 105, 118, 202, 211 and 221), every art major must take and satisfactorily pass the Sophomore Portfolio Review (SPR). The review is conducted fully online. The submitted portfolio will contain examples of the student's artwork as well as writing. Details are available on the art department website. Each student must pass the SPR in order to be allowed to register for junior level courses, or to continue in the BFA program. The SPR document can be accessed at https://form.jotform.com/50263798227159
### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Studio Art Comprehensive Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>ART 102</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 105</td>
<td>Graphic Media</td>
<td>3</td>
</tr>
<tr>
<td>ART 118</td>
<td>Color and Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 202</td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>ART 211</td>
<td>3-D Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 221</td>
<td>Art History Survey I</td>
<td>3</td>
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<tr>
<td>ART 222</td>
<td>Art History Survey II</td>
<td>3</td>
</tr>
<tr>
<td>ART 425</td>
<td>Critical Perspectives</td>
<td>3</td>
</tr>
<tr>
<td>ART 456</td>
<td>Portfolio</td>
<td>2</td>
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<tr>
<td>ART 460</td>
<td>Experimental Art Practices</td>
<td>3</td>
</tr>
<tr>
<td>ART 499</td>
<td>Senior Project: BFA</td>
<td>1</td>
</tr>
</tbody>
</table>

Select 6 credit hours of the following Art History courses: 6

- ART 303 History of Renaissance Art
- ART 310 Art of Baroque and Rococo Era
- ART 325 History of Modern Art
- ART 326 History of American Art
- ART 331 Non Western Survey I: Art in India, China and Japan
- ART 405 History of 19th Century Art
- ART 409 History of Nebraska Art
- ART 415 Late Modern: Art Since the '50s
- ART 422 Women in Art
- ART 426 Medieval Art
- ART 440 Special Problems in Art History
- ART 474 Special Topics in Art
- ART 475 Cultural Studies Through Art

### Studio Art Comprehensive Emphasis

Select one of the following: 21

- Drawing Emphasis (p. 168)
- Ceramics Emphasis (p. 169)
- Glass Emphasis (p. 169)
- Painting Emphasis (p. 169)
- Printmaking Emphasis (p. 169)
- Sculpture Emphasis (p. 169)
- Illustration Emphasis (p. 169)
- Photography Emphasis (p. 169)

### Studio Core Electives

Select 12 credit hours outside of declared Emphasis area: 12

- ART 214 Painting I
- or ART 216 Water Based Media
- ART 230 Ceramics I
- ART 235A Printmaking I-Intaglio and Relief
- or ART 235B Printmaking I-Silkscreen
- ART 244 Glass I
- ART 246 Sculpture I
- ART 328 Photography: Digital
- or ART 327 Photography: Analog Processes

### Studio Art Comprehensive Electives

Select 6 credit hours outside of declared Emphasis area: 6

- ART 216 Water Based Media
- ART 228 Creative Photography
- ART 230 Ceramics I
- ART 235A Printmaking I-Intaglio and Relief
- ART 235B Printmaking I-Silkscreen
- ART 244 Glass I
- ART 246 Sculpture I
- ART 314A Painting II
- ART 314B Painting III
- ART 314C Painting IV
- ART 327 Photography: Analog Processes
- ART 328 Photography: Digital
- ART 329 Photography: Artificial Lighting
- ART 330A Ceramics II
- ART 330B Ceramics III
- ART 330C Ceramics IV
- ART 335A Printmaking II
- ART 335B Printmaking III
- ART 335C Printmaking IV
- ART 344A Glass II
- ART 344B Glass III
- ART 344C Glass IV
- ART 346A Sculpture II
- ART 346B Sculpture III
- ART 346C Sculpture IV
- ART 352A Drawing III
- ART 352B Drawing IV
- ART 352C Drawing V
- ART 403 Individual Problems in Art
- ART 414A Advanced Painting V
- ART 427 Photography: Hybridized Processes
- ART 430A Ceramics V
- ART 430B Ceramics VI
- ART 435A Printmaking V
- ART 444A Glass V
- ART 444B Glass VI
- ART 446A Sculpture V

### Total Credit Hours

75

---

### Studio Art Comprehensive Emphases

#### Drawing Emphasis

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>ART 235A</td>
<td>Printmaking I-Intaglio and Relief</td>
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<tr>
<td>or ART 235B</td>
<td>Printmaking I-Silkscreen</td>
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<tr>
<td>ART 309</td>
<td>Graphic Imaging</td>
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<td>ART 335A</td>
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### Sculpture Emphasis

<table>
<thead>
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</thead>
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<td>or ART 244</td>
<td>Glass I</td>
<td></td>
</tr>
<tr>
<td>ART 246</td>
<td>Sculpture I</td>
<td>3</td>
</tr>
<tr>
<td>ART 330A</td>
<td>Ceramics II</td>
<td>3</td>
</tr>
<tr>
<td>or ART 344A</td>
<td>Glass II</td>
<td></td>
</tr>
<tr>
<td>ART 346A</td>
<td>Sculpture II</td>
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<tr>
<td>ART 346B</td>
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**1** 3 credit hour maximum.

### Illustration Emphasis

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<td>Graphic Imaging</td>
<td>3</td>
</tr>
<tr>
<td>ART 319</td>
<td>Design Illustration I</td>
<td>3</td>
</tr>
<tr>
<td>ART 352A</td>
<td>Drawing III</td>
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<td>Drawing IV</td>
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</tr>
<tr>
<td>ART 369</td>
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<tr>
<td>ART 419</td>
<td>Design Illustration III</td>
<td>3</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td></td>
<td>21</td>
</tr>
</tbody>
</table>

### Photography Emphasis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 228</td>
<td>Creative Photography</td>
<td>3</td>
</tr>
<tr>
<td>ART 327</td>
<td>Photography: Analog Processes</td>
<td>3</td>
</tr>
<tr>
<td>ART 328</td>
<td>Photography: Digital</td>
<td>3</td>
</tr>
<tr>
<td>ART 329</td>
<td>Photography: Artificial Lighting</td>
<td></td>
</tr>
<tr>
<td>ART 427</td>
<td>Photography: Hybridized Processes</td>
<td></td>
</tr>
<tr>
<td>ART 428A</td>
<td>Advanced Photography: Contemporary</td>
<td></td>
</tr>
<tr>
<td>ART 428B</td>
<td>Advanced Photography: Traditional</td>
<td></td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td></td>
<td>21</td>
</tr>
</tbody>
</table>

### Visual Communication and Design

**Comprehensive Bachelor of Fine Arts**

Offered by Department of Art and Design (p. 154)

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### Art Major

**General Studies**

*Foundational Core (Written, Math, Oral, Democracy)*

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Foundational Core courses</td>
<td>12</td>
</tr>
</tbody>
</table>

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*Portal*
Select one course numbered 188 (p. 465) 3

Distribution

ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

Capstone

Select one course numbered 388 (p. 461) 3

Major Option

Complete all required courses 75

Unrestricted electives

Needed to reach 120 credit hour minimum 0

Total Credit Hours 120

After having completed all of these classes; ART 102, 105, 118, 211, 221, or their transferred equivalents, every student pursuing a Bachelor of Fine Arts (BFA) in Studio Art, a BFA in Visual Communication & Design (VCD), or a Bachelor of Arts (BA) in Art Education is required to participate in the SPR. Each student must pass the SPR in order to be allowed to register for junior level courses and continue in the programs listed above. A student pursuing a BA in Studio Art, or only an art minor, is exempt from the SPR but will be blocked from enrollment in certain junior level art courses until a permit is requested and issued from the department chair. Students who fail the SPR a second time are ineligible to continue pursuing a BFA in Studio Art or VCD, or a BA in Art Education. The SPR must be submitted online and contain ten pieces of artwork and a thesis paper.

Major Option

Code Title Credit Hours

Visual Communication and Design Requirements

Art Core

ART 102 Drawing I 3

ART 105 Graphic Media 3

ART 118 Color and Design 3

ART 211 3-D Design 3

ART 221 Art History Survey I 3

ART 222 Art History Survey II 3

ART 496 Visual Communications and Design Senior Project Review 1

Take 3 hours from the following: 3

ART 202 Drawing II

ART 235A Printmaking I-Intaglio and Relief

ART 235B Printmaking I-Silkscreen

Select 6 credit hours of the following Art History courses: 6

ART 303 History of Renaissance Art

ART 310 Art of Baroque and Rococo Era

ART 325 History of Modern Art

ART 326 History of American Art

ART 331 Non Western Survey I: Art in India, China and Japan

ART 405 History of 19th Century Art

ART 409 History of Nebraska Art

ART 415 Late Modern: Art Since the '50s

ART 422 Women in Art

ART 425 Critical Perspectives

ART 426 Medieval Art

ART 440 Special Problems in Art History

ART 474 Special Topics in Art

ART 475 Cultural Studies Through Art

Select 6 credit hours from the following studio courses: 6

ART 214 Painting I

ART 216 Water Based Media

ART 228 Creative Photography

ART 230 Ceramics I

ART 244 Glass I

ART 246 Sculpture I

ART 314A Painting II

ART 328 Photography: Digital

ART 330A Ceramics II

ART 335A Printmaking II

ART 344A Glass II

ART 346A Sculpture II

ART 352A Drawing III

ART 352B Drawing IV

ART 403 Individual Problems in Art

ART 235A Printmaking I-Intaglio and Relief

or ART 235B Printmaking I-Silkscreen

Visual Communication and Design Specialization Requirements

ART 218 Introduction to Design 3

ART 301 Typography I 3

ART 305 Graphic Applications 3

ART 309 Graphic Imaging 3

ART 318 Design I 3

ART 351 Typography II 3

ART 355 Web Design & Motion Graphics 3

ART 368 Design II 3

ART 413 Design Practicum 3

ART 418 Design III 3

ART 456 Portfolio 2

ART 478 Design IV 3

Select 6 Elective credit hours from the following design courses: 6

ART 304 Computer Animation & 3D Modeling I

ART 319 Design Illustration I

ART 369 Design Illustration II

ART 403 Individual Problems in Art

ART 450 Special Topics
ART 451  Typography III

Total Credit Hours  75

Visual Communication and Design Minor

Offered by Department of Art and Design (p. 154)

This minor is for those students desiring an introductory study in Visual Communication and Design.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 102</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>ART 218</td>
<td>Introduction to Design</td>
<td>3</td>
</tr>
<tr>
<td>ART 301</td>
<td>Typography I</td>
<td>3</td>
</tr>
<tr>
<td>ART 305</td>
<td>Graphic Applications</td>
<td>3</td>
</tr>
<tr>
<td>ART 309</td>
<td>Graphic Imaging</td>
<td>3</td>
</tr>
<tr>
<td>ART 318</td>
<td>Design I</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 3 credit hours of the following Art History courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 221</td>
<td>Art History Survey I</td>
</tr>
<tr>
<td>ART 222</td>
<td>Art History Survey II</td>
</tr>
<tr>
<td>ART 303</td>
<td>History of Renaissance Art</td>
</tr>
<tr>
<td>ART 310</td>
<td>Art of Baroque and Rococo Era</td>
</tr>
<tr>
<td>ART 325</td>
<td>History of Modern Art</td>
</tr>
<tr>
<td>ART 326</td>
<td>History of American Art</td>
</tr>
<tr>
<td>ART 331</td>
<td>Non Western Survey I: Art in India, China and Japan</td>
</tr>
<tr>
<td>ART 405</td>
<td>History of 19th Century Art</td>
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<td>Late Modern: Art Since the '50s</td>
</tr>
<tr>
<td>ART 422</td>
<td>Women in Art</td>
</tr>
<tr>
<td>ART 440</td>
<td>Special Problems in Art History</td>
</tr>
<tr>
<td>ART 475</td>
<td>Cultural Studies Through Art</td>
</tr>
</tbody>
</table>

Total Credit Hours  21

Department of Biology

Department Objectives:

- To prepare teachers in subject matter and in methods for the teaching of biology and related subjects;
- To help meet the requirements of the general education program;
- To furnish adequate background in the biological sciences for pre-professional students and for others who require training in that area;
- To prepare students for graduate work and for research;
- To prepare students for careers which require general biological knowledge.

Students who plan to major in Biology should have a strong high school background in science (i.e., Biology, Chemistry, Physics and Math). Those who have had

1. 3 years of high school science including biology and chemistry and a minimum score of 20 on the ACT, or

2. who CLEP BIOL 103 may enroll in BIOL 105 or BIOL 106 which are applicable to General Studies requirements. Students not having this background should take BIOL 103.

A minimum overall GPA of 2.5 in all courses counting towards a Biology major option is required for graduation.

Biology Major

Four options are available in this major:

1. Biology (p. 179) - Bachelor of Science Degree
2. Biology Comprehensive (p. 176) - Bachelor of Science Degree
   - General Emphasis
   - Wildlife Emphasis
   - Health Science Emphasis
3. Molecular Biology Comprehensive (p. 180) - Bachelor of Science Degree
4. Biology 7-12 Teaching Subject Endorsement (p. 175) - Bachelor of Science in Education Degree

The minors in Biology (p. 178) and Environmental Science (p. 180) are available for students pursuing majors in other disciplines.

The Department advises students in 2+2 programs in Agriculture and Natural Resources, which are completed in the College of Agriculture and Natural Resources at UNL. The Department also advises Pre-Veterinary Medicine (p. 181) and Pre-Forestry students.

Julie Shaffer, Chair

Professor: Kimberly Carlson, Keith Geluso, Julie Shaffer, Dawn Simon, Janet Steele, Paul Twigg

Associate Professor: Marc Albrecht, Nathaniel Bickford, Surabhi Chandra, Bryan Drew, Thomas Freeman, Mary Harner, Letitia Reichart, Melissa Wuellner

Assistant Professor: Joseph Dolence, Nicholas Hobbs, Brandon Luedtke, Austin Nuxoll, Dustin Ranglack

Senior Lecturer: Darby Carlson, Anne Cummings, Betty Jacques, Rick Simonson

Lecturer: Luke Fennessy

Biology (BIOL)

BIOL 102 – Environmental Biology  3 credit hours

This class is about life on Earth. As the human species continues to spectacularly succeed at living and using resources we have become a significant force on the planet. This class also explores that role and all that it could mean in positive and negative ways for ourselves and other species that share the planet with us.
BIOL 103 – General Biology 4 credit hours
From subatomic particles to humans to ecosystems, how do biological systems function? In this course, we will learn about basic biological principles and concepts to understand the organization and function of living systems. The central themes in this course will be 1) integration of individual parts to create a functional whole; 2) evolution as a framework for understanding variation, diversity, and biological phenomena; 3) how scientific concepts originate, are validated, and are refined; and 4) application of scientific principles to issues that arise in modern-day life. A two-hour laboratory is required each week.
Additional Course Fee Required

BIOL 105 – Biology I 4 credit hours
A study of plant and animal groups, their structure, relationships, ecology, classification and evolution. Two hours of laboratory each week. Students should have completed three years of high school science including biology and chemistry or a college science course.
Additional Course Fee Required

BIOL 106 – Biology II 4 credit hours
A study of the organization and function of living systems, including development, metabolism, reproduction, inheritance, and the basics of biotechnology. Two hours of laboratory each week. Students should have completed three years of high school science including biology and chemistry or a college science course.
Additional Course Fee Required

BIOL 109 – Classroom Biology 4 credit hours
Acquaints students with what science is and how science is performed. Students will use the scientific method to design and perform experiments, collect data, analyze results, and develop explanations. Basic biological principles including form and function, organization, and adaptation will be emphasized. A laboratory science course. Credit not to be applied to the Biology major or endorsement.
Additional Course Fee Required

BIOL 110 – Introduction to Epidemiology 3 credit hours
An introductory survey of modern epidemiology including what epidemiology is, new discoveries, and how epidemiology affects our lives.

BIOL 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

BIOL 211 – Human Microbiology 4 credit hours
This course will cover basic microbiology with an emphasis on health-related topics and assumes no previous study of chemistry. The goal of the course is to primarily introduce allied health majors to the general characteristics of bacteria and viruses that will be helpful in understanding the transmission, virulence, and treatment of bacterial or viral diseases. This class will allow students to become familiar with some common infectious bacteria and viruses and the diseases they cause. The laboratory portion of the course will introduce students to the proper techniques and precautions for routine handling of bacteria and help students understand the basic structure of bacteria and what those features indicate about the bacteria. Lab work gives students an idea of how the bacteria from infections are identified through biochemical tests and how treatment options are determined. Two hour laboratory each week.
Additional Course Fee Required

BIOL 213 – Introduction to Fish and Wildlife Management 2 credit hours
Provides students with an understanding of curriculum and research requirements and career opportunities associated with the Wildlife emphasis of the Biology Major through a combination of in- and out-of-class activities. Students will also be introduced to fish and wildlife management issues and research.

BIOL 215 – Human Physiology 4 credit hours
This course provides an introduction to the systems of the human body and how they function. This is a one-semester human physiology course and is NOT intended to meet the health science program requirements for a two-semester class of Anatomy and Physiology. Course themes include: 1) the basic mechanisms underlying the physiology of the animal cell; 2) the organization and function of the major organ systems (nervous, muscular, endocrine, respiratory, cardiovascular, digestive, urinary, and reproductive) with an emphasis on uncovering structure-function relationships and the inter-relatedness of human body systems; and 3) the link between abnormal physiological processes and the incidence of rare or common human diseases. Students should have completed three years of high school science including biology and chemistry or a college science course.
Additional Course Fee Required

BIOL 217 – General Biology 4 credit hours
A study of the anatomy and physiology of the systems of the human body and how they function including cellular mechanisms and tissues, the skin, the skeletal system, the muscular system and the nervous system. Two hours of laboratory each week. This course is primarily intended for students planning to pursue training in one of the Health Programs. Biology majors would normally complete BIOL 215 Physiology (4 hours) but may complete BOTH BIOL 225 and BIOL 226 (8 hours) to meet the physiology requirement. Successful completion of a college-level biology or chemistry course is highly recommended.
Prerequisite: Sophomore standing
Additional Course Fee Required

BIOL 225 – Anatomy and Physiology 4 credit hours
A study of the anatomy and physiology of the systems of the human body including the circulatory system and its components, the lymphatic system, the respiratory system, the digestive system, the urinary system, the endocrine glands and the reproductive system. Two hours of laboratory each week. Biology majors would normally complete BIOL 215 Physiology (4 hours) but may complete BOTH BIOL 225 and BIOL 226 (8 hours) to meet the physiology requirement.
Prerequisite: BIOL 225 or permission of instructor.
Additional Course Fee Required

BIOL 226 – Anatomy and Physiology 4 credit hours
A continuation of the study of the systems of the human body including the circulatory system and its components, the lymphatic system, the respiratory system, the digestive system, the urinary system, the endocrine glands and the reproductive system. Two hours of laboratory each week. Biology majors would normally complete BIOL 215 Physiology (4 hours) but may complete BOTH BIOL 225 and BIOL 226 (8 hours) to meet the physiology requirement.
Prerequisite: BIOL 225 or permission of instructor.
Additional Course Fee Required
BIOL 290 – Evolution  3 credit hours
This course will provide Biology students with easy-to-use guidance for laboratory and field studies, but in addition cover broader transferable skills. This includes where to find information, how to read and analyze scientific literature, the difference between scientific and other types of writing, ethics, and other transferable skills. Students will also put into practice what they are learning by practicing scientific writing and presentation.
Prerequisite: BIOL 105 and BIOL 106

BIOL 280H – Special Topics  3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

BIOL 301 – Introduction to Soils  4 credit hours
Introduction to soil development, morphology, distribution, chemistry, physics, classification, use, conservation, biology and pollution. Three hours of laboratory each week.
Prerequisite: One course in general chemistry or permission of instructor. Additional Course Fee Required

BIOL 305 – BioStatistics  3 credit hours
Course introduces descriptive and basic inferential statistics for application in analysis, evaluation, and design of biological experiments. Students learn fundamentals of statistical software.
Prerequisite: MATH 101 or above or MATH ACT score of 20 or above.

BIOL 307 – Ecology  3 credit hours
Population and community ecology: distribution and dispersal, population growth and regulation. Interpretation of ecological phenomena in laboratory, field and hypothetical systems. A laboratory or field exercise each week.
Prerequisite: BIOL 105 or permission of instructor. Additional Course Fee Required

BIOL 309 – Cellular & Molecular Biology  4 credit hours
This course deals with various types of cells— their structure, function and what they contribute to the functioning of the whole organism. The course will have three lectures (50 min each) and one laboratory (3 hr) every week.
Prerequisite: 8 hours of college Biology and CHEM 161 and CHEM 161L and either CHEM 250 and CHEM 250L or CHEM 361 and CHEM 361L or permission.
Additional Course Fee Required

BIOL 311 – Bioethics  3 credit hours
This course will explore the process of ethical decision making in regard to recent advances in the Biological Sciences and Medicine. The goal of the class is to acquaint you with Bioethical issues and enable you to make decisions and perform actions in an ethical manner in the fields of Biological Sciences and Medicine.
Prerequisite: Sophomore standing or higher or 8 hours of college Biology and Chemistry or permission of instructor.

BIOL 325 – Medical Terminology  1 credit hour
This course is designed to assist students in health-related and life science programs to become familiar with complex terms and their derivation.

BIOL 330 – Wildlife Conservation  3 credit hours
Problems of wildlife conservation, particularly as they apply to Nebraska. This includes a brief look at wildlife management techniques, and the history, sociology, and politics of wildlife conservation. Three hours of laboratory each week.
Prerequisite: BIOL 307 or permission of instructor
Additional Course Fee Required

BIOL 360 – Genetics  4 credit hours
Application based course covering the classical and molecular principles of inheritance. Concepts covered include various historical and mathematical concepts surrounding transmission, molecular, and population genetics. Three hours of lecture with a weekly three hour laboratory.
Prerequisite: BIOL 106 and BIOL 226 or BIOL 290 or BIOL 309
Additional Course Fee Required

BIOL 380 – Agronomy  3 credit hours
A study of crop production covering such topics as environmental requirements, soil, cultural practices, growth and development, water relations and economics.
Prerequisite: BIOL 103 or BIOL 106 or permission of instructor.

BIOL 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

BIOL 388L – GS Capstone Lab  1 credit hour
Corequisite: BIOL 388

BIOL 401 – Principles of Immunology  4 credit hours
Topics to be covered include: 1) the structural and functional aspects of the immune system, 2) disorders of the immune system, 3) structure and function of antibody molecules, 4) immunobiology of tissue transplants, 5) basic aspects of cancer and cancer therapy that relate to immunology, 6) allergies, and 7) antigen-antibody interaction. Laboratory required.
BIOL 360 strongly recommended.
Prerequisite: BIOL 211 or BIOL 400 and either BIOL 309 or CHEM 351 and CHEM 351L or permission of instructor.
Additional Course Fee Required

BIOL 403 – Plant Physiology  3 credit hours
Life processes of plants. Three hours of laboratory each week.
Prerequisite: BIOL 105 and one year of Chemistry or permission of instructor.
Additional Course Fee Required

BIOL 404 – Developmental Biology  3 credit hours
Principles of developmental processes with emphasis on the physiological and genetic events occurring during the growth and maturation of living organisms. Three hours of laboratory each week. Prior completion or concurrent enrollment in BIOL 360 is also recommended.
Prerequisite: 8 hours of BIOL 200 through 499 completed or permission of instructor
Additional Course Fee Required
BIOL 405 – Range and Wildlife Management 3 credit hours
Basic principles of range and pasture management for use by domestic livestock and wildlife will be taught. Course includes 3 hours of field or laboratory work each week.
Prerequisite: BIOL 307
Additional Course Fee Required

BIOL 406 – Plant Ecology 3 credit hours
Plants in relation to their environment. Three hours of laboratory or field work each week.
Prerequisite: BIOL 105 and BIOL 106 and BIOL 307 or permission of instructor
Additional Course Fee Required

BIOL 409 – Biological Studies using GIS 3 credit hours
This course is an introduction to many aspects of using Geographic Information Systems as a natural resources tool. The class introduces cartographic concepts, tools such as Global Positioning System tools, and natural resource databases at the state and federal levels. In addition to lectures and labs where the software and tools are used, students also have the opportunity to complete projects using GIS and data of their own choosing. The main objective of the class is to give students enough familiarity with GIS software, data resources, and project design to be able to effectively produce their own projects.
Prerequisite: BIOL 307

BIOL 410 – Fire Ecology and Management in Grasslands 1 credit hour
Familiarizes students with the role of fire as a major ecosystem process in grasslands and its use as a management tool. Provides the opportunity for certification for prescribed burning and wildland firefighting at federal, state, or private agency levels.

BIOL 416 – Plant Diversity and Evolution 4 credit hours
Morphology of each group of the plant kingdom. Three hours of laboratory each week.
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor
Additional Course Fee Required

BIOL 417 – Mycology 3 credit hours
A study of the fungi including taxonomy, growth, morphology, development, reproduction and economic importance. Three hours of laboratory or field work each week.
Prerequisite: 12 hours in Biology including BIOL 103 or BIOL 105 and CHEM 161 and STAT 241 or permission of instructor.
Corequisite: BIOL 417L

BIOL 417L – Mycology Lab 1 credit hour

BIOL 418 – Plant Taxonomy 3 credit hours
Classification and identification of vascular plants with emphasis on the prairies and plains. A family concept approach is utilized. Three hours of laboratory or field work each week.
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor
Additional Course Fee Required

BIOL 421 – Seminar in Field Studies 1 credit hour
An in-depth discussion of current topics in field biology. Presentations will be given weekly by guest speakers, faculty and students. Seminar is designed to help students analyze, understand and present current research within the field of Science, enhance critical thinking through question and answer sessions, and develop the skill set, both verbal and written, needed to present research and/or data in future careers.
Department Consent Required
Total Credits Allowed: 5.00
Prerequisite: BIOL 231

BIOL 430 – Special Topics in Biology 1-6 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of students. Topics include Botany, Fresh Water Biology, Vertebrate Biology, Invertebrate Biology, Nebraska Flora, Nebraska Fauna, Physiology, Geographic Information Systems
Department Consent Required
Total Credits Allowed: 6.00

BIOL 431 – Research Methods II 1-3 credit hours
Independent investigation of a biological problem, including a scientific write-up of the investigation and the results. Three hours of laboratory or field work each week for each hour of credit. Two hours credit required for a major or endorsement selecting this option.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: BIOL 231 and permission of instructor. Students must have a faculty member willing to mentor them on the research project.

BIOL 433 – Invertebrate Zoology 3 credit hours
This course provides an introduction to the biology of specific phyla, classes, and orders of invertebrates with emphasis on classification, morphology, structure and function of their internal anatomy, ecology and evolution, and fundamental concepts characteristic of this diverse animal group. Laboratory stresses anatomy, natural history and ecology of invertebrates.
Prerequisite: BIOL 105 and BIOL 106
Additional Course Fee Required

BIOL 435 – Herpetology 3 credit hours
The study of amphibians and reptiles, including evolution, systematics, morphology, physiology, reproduction, behavior, ecology, natural history and conservation. Three hours of laboratory or field work each week focusing on field techniques for censusing herpetofaunal diversity and identification of Nebraska species.
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor.
Additional Course Fee Required

BIOL 440 – Infectious Diseases 4 credit hours
This course focuses on the medical aspects of microbiology. The course will cover viruses, bacteria, fungi, and parasitic protists. We will study the mechanisms of infection, disease progression, and immune response. Three hours of laboratory will be required each week.
Prerequisite: BIOL 211 or BIOL 400 or permission
Additional Course Fee Required

BIOL 450 – Advanced Molecular Biology 4 credit hours
The course is an in-depth discussion of the principles and techniques of modern molecular biology. Specifically, this course covers the central dogma processes (replication, transcription, and translation) as they occur in both prokaryotic and eukaryotic organisms. Students will be exposed to a number of techniques including isolating DNA, RNA, and proteins, polymerase chain reaction, gel electrophoresis, genetic cloning, flow cytometry, ELISA, and immunoblotting. This course will emphasize design and interpretation of scientific experiments specific to molecular biology in coursework completed in lecture and lab.
Prerequisite: BIOL 309
**BIOL 456 – Regional Field Study** 1-4 credit hours
This course is designed to introduce students to detailed biological studies of specific regions. Regions studied may vary depending upon instructor availability and student needs. Topics may include but are not limited to: Tropical and Marine Island Biology, Natural History of Nebraska, Natural History of the Southwest
Department Consent Required
Total Credits Allowed: 4.00

**BIOL 461 – Human Genetics** 3 credit hours
The course focuses on contemporary human genetics with emphases on genetic diseases. A study of the genetic basis and frequency of genetic defects in man and genetic counseling. Prior completion or concurrent enrollment in BIOL 360 is also recommended.
Prerequisite: 8 hours of BIOL 200 through BIOL499 or permission of the instructor.

**BIOL 462 – Animal Behavior** 3 credit hours
An introduction to the science of ethology. The course will examine behavior genetics, physiology of behavior, ecology of behavior, and the evolution of behavior. Three hours of laboratory each week.
Prerequisite: BIOL 105 and BIOL 231 and BIOL 307 or permission of instructor
Additional Course Fee Required

**BIOL 463 – Clinically Oriented Gross Anatomy** 4 credit hours
Clinically Oriented Gross Anatomy includes human anatomy presented in a regional approach that utilizes a wide variety of imaging modalities and clinical correlations to understand gross anatomy. The sequence of the content has been adapted to correlate with the synchronous dissection of the human cadaver. Students will form dissection groups.
Prerequisite: BIOL 225 and BIOL 226 or permission of course coordinator

**BIOL 465 – Physiology** 3 credit hours
The structure and function of the systems of the vertebrate body. Three hours of laboratory each week.
Prerequisite: BIOL 105 or BIOL 106 and BIOL 309 and CHEM 161 and CHEM 161L and Organic Chemistry or permission of instructor
Additional Course Fee Required

**BIOL 466 – Parasitology** 2 credit hours
The basic concepts of parasitology with emphasis on the major types of medically and economically important parasites (protozoa, helminthes, arthropods) will be covered, including life cycles, diagnosis, treatment, immunity, pathology, control, ecology, and evolution.
Prerequisite: BIOL 105 and BIOL 106.
Corequisite: BIOL 468L.
Additional Course Fee Required

**BIOL 468 – Parasitology Laboratory** 1 credit hour
Laboratory stresses identification of the various developmental stages of parasites.
Corequisite: BIOL 468.

**BIOL 470 – Insect Biology** 3 credit hours
An introduction to insects and related arthropods. Emphasis is placed on morphology, physiology, taxonomy and ecology of insects. Three hours of laboratory or field work each week.
Additional Course Fee Required

**BIOL 471 – Methods in Secondary Science Teaching** 3 credit hours
An examination of current developments in curricula, methods and materials. Should be completed prior to student teaching. Laboratory time arranged.
Prerequisite: Permission of instructor or admission to Teacher Education
Additional Course Fee Required

**BIOL 472 – Ichthyology** 3 credit hours
The study of fish with a focus on classification, anatomy, distribution, ecology, physiology and management of fishes. Three hours of laboratory or field work each week.
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor.
Additional Course Fee Required

**BIOL 473 – Ornithology** 3 credit hours
The study of birds, including evolution, systematics, morphology, physiology, reproduction, behavior, ecology, natural history and conservation. Three hours of laboratory or field work each week with emphasis on field methods and identification of Nebraska species.
Prerequisite: BIOL 105 and BIOL 106 or permission of instructor.
Additional Course Fee Required

**BIOL 474 – Mammalogy** 3 credit hours
Introduction to mammals; ecology, classification, physiology, and behavior. Three-hour laboratory per week for preparation and identification of specimens.
Prerequisite: BIOL 105 or permission of instructor.
Additional Course Fee Required

**BIOL 475 – Internship in Biology** 1-15 credit hours
Students should have completed coursework related to the internship experience. This course involves practical experience and emphasizes the professional development of the individual student.
Total Credits Allowed: 15.00
Prerequisite: At least 12 hours of Biology and junior or senior standing and permission of instructor.

**BIOL 482 – Seminar in Molecular Biology** 1 credit hour
An in-depth discussion of current topics in molecular biology. Guest speakers, faculty and students will give presentations weekly. Some presentations will consist of the students reading an assigned paper followed by an oral presentation of its contents. Student participants are expected to read all journal articles presented, whether they are presenting or not. Molecular biology majors must obtain two hours credit to fulfill the requirements for the Molecular Biology Comprehensive major.
Total Credits Allowed: 5.00
Prerequisite: BIOL 360 or permission of instructor

**BIOL 485 – Molecular Genetics** 3 credit hours
An in-depth study of gene structure and replication in prokaryotes and eukaryotes. Gene function in developing and differentiated cells will also be studied in detail.
Prerequisite: BIOL 360 or BIOL 461

**Biology 7-12 Teaching Subject Endorsement, Bachelor of Science in Education**
Offered by Department of Biology (p. 171)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Studies</strong></td>
<td><strong>Foundational Core (Written, Math, Oral Democracy)</strong></td>
<td></td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td>3</td>
</tr>
</tbody>
</table>
Select one course numbered 188 (p. 465) 3

Distribution

ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6

Including:

PSCI 110 Introduction to American Politics

Natural Sciences (p. 464) 8

Including:

CHEM 160 General Chemistry
CHEM 160L General Chemistry Laboratory
PHYS 201 Earth Science

Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 3

Including:

PE 150 Healthy Wealthy and Wise

Capstone

Select one course numbered 388 (p. 461) 3

Professional Sequence

Complete all required courses 2 25

Including:

TE 319 Management and Assessment in K-12/Secondary Classrooms
TE 320 Field Experience in Secondary Classroom

Endorsement

Complete all required courses 40

Unrestricted Electives

Needed to reach 120 credit hour minimum 8

Total Credit Hours 120

A minimum 2.5 GPA is required in all courses counting toward this endorsement.

Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 231</td>
<td>Research Methods I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 290</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>BioStatistics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 307</td>
<td>Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 360</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 431</td>
<td>Research Methods II</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 471</td>
<td>Methods in Secondary Science Teaching</td>
<td>3</td>
</tr>
</tbody>
</table>

BS Science-related course requirements

Biology Comprehensive, Bachelor of Science

Offered by Department of Biology (p. 171)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 275</td>
<td>General Physics I (Calculus) Laboratory</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 40

1 Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed. See advisor for math placement.

2 Students must apply for admission to all Teacher Education programs. (p. 404)
CHEM 160  General Chemistry  3
CHEM 160L General Chemistry Laboratory  1
CHEM 161  General Chemistry  3
CHEM 161L General Chemistry Laboratory  1

Major Option
Complete all required courses  48-62

Unrestricted electives
Needed to reach 120 credit hour minimum  3-19

Total Credit Hours  120

A minimum 2.5 GPA is required in all courses counting toward this major.

**Major Option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Biology Comprehensive Core Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>BIOL 231</td>
<td>Research Methods I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 290</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>BioStatistics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 307</td>
<td>Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 360</td>
<td>Genetics</td>
<td>4</td>
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</table>

Select 2 credit hours of the following:

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 421</td>
<td>Undergraduate Seminar in Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 431</td>
<td>Research Methods II (It is MANDATORY for Majors electing the option of BIOL 431 to take a minimum of 2 credit hours for completion of their program of study.)</td>
<td></td>
</tr>
<tr>
<td>BIOL 482</td>
<td>Seminar in Molecular Biology</td>
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</tbody>
</table>

**Biology Comprehensive Supporting Course Requirements**

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 250 &amp; 250L</td>
<td>Elementary Organic Chemistry and Elementary Organic Chemistry Lab</td>
<td>5-10</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 360 &amp; 360L &amp; CHEM 361 &amp; CHEM 361L</td>
<td>Organic Chemistry and Organic Chemistry Laboratory</td>
<td>5-10</td>
</tr>
</tbody>
</table>

**Biology Emphasis Requirements**

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Emphasis (p. 177)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Wildlife Emphasis (p. 177)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Health Sciences Emphasis (p. 178)</strong></td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours  47-71

**General Emphasis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td></td>
<td><strong>Field Electives</strong></td>
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</table>

Select 6-9 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIOL 330</td>
<td>Wildlife Conservation</td>
<td>6-9</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Range and Wildlife Management</td>
<td></td>
</tr>
<tr>
<td>BIOL 406</td>
<td>Plant Ecology</td>
<td></td>
</tr>
<tr>
<td>BIOL 418</td>
<td>Plant Taxonomy</td>
<td></td>
</tr>
<tr>
<td>BIOL 435</td>
<td>Herpetology</td>
<td></td>
</tr>
</tbody>
</table>

**Laboratory Electives**

Select 6-9 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 462</td>
<td>Animal Behavior</td>
<td></td>
</tr>
<tr>
<td>BIOL 470</td>
<td>Insect Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 472</td>
<td>Ichthyology</td>
<td></td>
</tr>
<tr>
<td>BIOL 473</td>
<td>Ornithology</td>
<td></td>
</tr>
<tr>
<td>BIOL 474</td>
<td>Mammalogy</td>
<td></td>
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</tbody>
</table>

**Wildlife Emphasis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Required Courses</strong></td>
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</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 213</td>
<td>Introduction to Fish and Wildlife Management</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 330</td>
<td>Wildlife Conservation</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Range and Wildlife Management</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 406</td>
<td>Plant Ecology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 409</td>
<td>Biological Studies using GIS</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 416</td>
<td>Plant Diversity and Evolution</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 418</td>
<td>Plant Taxonomy</td>
<td>3</td>
</tr>
</tbody>
</table>

**Zoology**

Select 2 courses from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 435</td>
<td>Herpetology</td>
<td></td>
</tr>
<tr>
<td>BIOL 470</td>
<td>Insect Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 472</td>
<td>Ichthyology</td>
<td></td>
</tr>
<tr>
<td>BIOL 473</td>
<td>Ornithology</td>
<td></td>
</tr>
<tr>
<td>BIOL 474</td>
<td>Mammalogy</td>
<td></td>
</tr>
</tbody>
</table>

Take one course from Environmental

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ECON 385</td>
<td>Environmental Economics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 305</td>
<td>Environmental Conservation</td>
<td></td>
</tr>
<tr>
<td>PSCI 332</td>
<td>Environmental Politics &amp; Policy</td>
<td></td>
</tr>
</tbody>
</table>
Biology Minor

Take 3 courses from Other Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 301</td>
<td>Introduction to Soils</td>
<td></td>
</tr>
<tr>
<td>BIOL 309</td>
<td>Cellular &amp; Molecular Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 404</td>
<td>Developmental Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 430</td>
<td>Special Topics in Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 435</td>
<td>Herpetology</td>
<td></td>
</tr>
<tr>
<td>BIOL 440</td>
<td>Infectious Diseases</td>
<td></td>
</tr>
<tr>
<td>BIOL 450</td>
<td>Advanced Molecular Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>BIOL 462</td>
<td>Animal Behavior</td>
<td></td>
</tr>
<tr>
<td>BIOL 470</td>
<td>Insect Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 472</td>
<td>Ichthyology</td>
<td></td>
</tr>
<tr>
<td>BIOL 473</td>
<td>Ornithology</td>
<td></td>
</tr>
<tr>
<td>BIOL 474</td>
<td>Mammalogy</td>
<td></td>
</tr>
<tr>
<td>GEOG 315</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 316</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOG 416</td>
<td>Applications of Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td>PHYS 205 &amp; 205L</td>
<td>General Physics I and Physics I Laboratory</td>
<td></td>
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</tbody>
</table>

Total Credit Hours: 39

Health Sciences Emphasis

Code Title Credit Hours

Physiology

Select one of the following: 8

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BIOL 215 &amp; PE 360</td>
<td>Human Physiology and Introduction to Anatomical Biomechanics</td>
</tr>
</tbody>
</table>

or

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225 &amp; BIOL 226</td>
<td>Anatomy and Physiology and Anatomy and Physiology</td>
</tr>
</tbody>
</table>

Microbiology

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
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</table>

Biology

Select 9 credit hours of the following: 9

<table>
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<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BIOL 309</td>
<td>Cellular &amp; Molecular Biology</td>
</tr>
<tr>
<td>BIOL 311</td>
<td>Bioethics</td>
</tr>
<tr>
<td>BIOL 325</td>
<td>Medical Terminology</td>
</tr>
<tr>
<td>BIOL 401</td>
<td>Principles of Immunology</td>
</tr>
<tr>
<td>BIOL 404</td>
<td>Developmental Biology</td>
</tr>
<tr>
<td>BIOL 440</td>
<td>Infectious Diseases</td>
</tr>
<tr>
<td>BIOL 450</td>
<td>Advanced Molecular Biology</td>
</tr>
<tr>
<td>BIOL 461</td>
<td>Human Genetics</td>
</tr>
<tr>
<td>BIOL 465</td>
<td>Physiology</td>
</tr>
</tbody>
</table>

Supporting Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 351</td>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L</td>
<td>Biochemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>PE 460</td>
<td>Gross Anatomy of Movement</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 205L</td>
<td>Physics I Laboratory</td>
<td>1</td>
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</table>

Select 4 credit hours of the following: 4

<table>
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<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BIOL 110</td>
<td>Introduction to Epidemiology</td>
</tr>
<tr>
<td>CHEM 352 &amp; 352L</td>
<td>Biochemistry II and Biochemistry II Lab</td>
</tr>
<tr>
<td>ECON 410</td>
<td>Health Care Economics</td>
</tr>
<tr>
<td>FAMS 110</td>
<td>Introduction to Nutrition</td>
</tr>
<tr>
<td>HSCI 225</td>
<td>Introduction to Hematology</td>
</tr>
<tr>
<td>HSCI 300</td>
<td>Seminar in Health Sciences</td>
</tr>
<tr>
<td>MGT 450</td>
<td>Health Care Delivery: Systems and Policies</td>
</tr>
<tr>
<td>PSY 440</td>
<td>Health Psychology</td>
</tr>
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<td>SOC 275</td>
<td>Social Psychology</td>
</tr>
<tr>
<td>SOC 462</td>
<td>Sociology of Health and Illness</td>
</tr>
<tr>
<td>SPAN 103</td>
<td>Spanish for Special Purposes</td>
</tr>
</tbody>
</table>

Total Credit Hours: 40

1 The Biology degree, General Emphasis and Health Science Emphasis require a minimal mathematical competency at the level of trigonometry. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed. See advisor for math placement.

Biology Minor

Offered by Department of Biology (p. 171)

Code Title Credit Hours

Introductory Biology

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
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Requirements

Field Electives

Select 3 credit hours of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BIOL 307</td>
<td>Ecology</td>
</tr>
<tr>
<td>BIOL 330</td>
<td>Wildlife Conservation</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Range and Wildlife Management</td>
</tr>
<tr>
<td>BIOL 406</td>
<td>Plant Ecology</td>
</tr>
<tr>
<td>BIOL 418</td>
<td>Plant Taxonomy</td>
</tr>
<tr>
<td>BIOL 435</td>
<td>Herpetology</td>
</tr>
<tr>
<td>BIOL 462</td>
<td>Animal Behavior</td>
</tr>
<tr>
<td>BIOL 470</td>
<td>Insect Biology</td>
</tr>
<tr>
<td>BIOL 472</td>
<td>Ichthyology</td>
</tr>
<tr>
<td>BIOL 473</td>
<td>Ornithology</td>
</tr>
<tr>
<td>BIOL 474</td>
<td>Mammalogy</td>
</tr>
</tbody>
</table>

Laboratory Electives

Select 3 credit hours of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Physiology</td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
</tr>
<tr>
<td>BIOL 309</td>
<td>Cellular &amp; Molecular Biology</td>
</tr>
<tr>
<td>BIOL 360</td>
<td>Genetics</td>
</tr>
<tr>
<td>BIOL 401</td>
<td>Principles of Immunology</td>
</tr>
<tr>
<td>BIOL 403</td>
<td>Plant Physiology</td>
</tr>
</tbody>
</table>
### Biology, Bachelor of Science

Offered by Department of Biology (p. 171)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>General Studies Program</td>
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<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 102 College Algebra</td>
<td>3</td>
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<tr>
<td></td>
<td>Portal</td>
<td></td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>BIOL 105 Biology I</td>
<td>3</td>
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<tr>
<td></td>
<td>BIOL 106 Biology II</td>
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</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
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</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
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<tr>
<td></td>
<td>Capstone</td>
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</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>BS Science-related course requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 160 General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CHEM 160L General Chemistry Laboratory</td>
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</tr>
<tr>
<td></td>
<td>CHEM 161 General Chemistry</td>
<td>3</td>
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<td></td>
<td>CHEM 161L General Chemistry Laboratory</td>
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<td></td>
<td>Major Option</td>
<td>35</td>
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<tr>
<td></td>
<td>Complete all required courses</td>
<td></td>
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<tr>
<td></td>
<td>Minor or 2nd Major</td>
<td>24</td>
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<tr>
<td></td>
<td>Complete all required courses</td>
<td></td>
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<tr>
<td></td>
<td>Unrestricted electives</td>
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</tbody>
</table>

A minimum 2.5 GPA is required in all courses counting toward this major.

### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Biology Option Core Requirements</strong></td>
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<tr>
<td>BIOL 231</td>
<td>Research Methods I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 290</td>
<td>Evolution</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>BioStatistics</td>
<td>3</td>
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<tr>
<td>BIOL 307</td>
<td>Ecology</td>
<td>3</td>
</tr>
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<td>BIOL 360</td>
<td>Genetics</td>
<td>4</td>
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<td></td>
<td>Select 2 credit hours of the following:</td>
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<tr>
<td>BIOL 421</td>
<td>Undergraduate Seminar in Biology</td>
<td>2</td>
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<tr>
<td>BIOL 431</td>
<td>Research Methods II (It is MANDATORY for Majors electing the option of BIOL 431 to take a minimum of 2 credit hours for completion of their program of study.)</td>
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</tr>
<tr>
<td>BIOL 482</td>
<td>Seminar in Molecular Biology</td>
<td></td>
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<tr>
<td></td>
<td><strong>Biology Option Required Electives</strong></td>
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<tr>
<td></td>
<td>Field electives</td>
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<tr>
<td></td>
<td>Select 3 credit hours of the following:</td>
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<tr>
<td>BIOL 330</td>
<td>Wildlife Conservation</td>
<td></td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Range and Wildlife Management</td>
<td></td>
</tr>
<tr>
<td>BIOL 406</td>
<td>Plant Ecology</td>
<td></td>
</tr>
<tr>
<td>BIOL 418</td>
<td>Plant Taxonomy</td>
<td></td>
</tr>
<tr>
<td>BIOL 435</td>
<td>Herpetology</td>
<td></td>
</tr>
<tr>
<td>BIOL 462</td>
<td>Animal Behavior</td>
<td></td>
</tr>
<tr>
<td>BIOL 470</td>
<td>Insect Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 472</td>
<td>Ichthyology</td>
<td></td>
</tr>
<tr>
<td>BIOL 473</td>
<td>Ornithology</td>
<td></td>
</tr>
<tr>
<td>BIOL 474</td>
<td>Mammalogy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Laboratory electives</td>
<td></td>
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<tr>
<td></td>
<td>Select 6 credit hours of the following:</td>
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<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Physiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 309</td>
<td>Cellular &amp; Molecular Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 401</td>
<td>Principles of Immunology</td>
<td></td>
</tr>
<tr>
<td>BIOL 403</td>
<td>Plant Physiology</td>
<td></td>
</tr>
<tr>
<td>BIOL 404</td>
<td>Developmental Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 416</td>
<td>Plant Diversity and Evolution</td>
<td></td>
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<tr>
<td>BIOL 440</td>
<td>Infectious Diseases</td>
<td></td>
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<tr>
<td>BIOL 450</td>
<td>Advanced Molecular Biology</td>
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<tr>
<td>BIOL 465</td>
<td>Physiology</td>
<td></td>
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<td></td>
<td><strong>Biology Option Supporting Course Requirements</strong></td>
<td></td>
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<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
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<td>Select one of the following:</td>
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<tr>
<td>CHEM 250</td>
<td>Elementary Organic Chemistry</td>
<td></td>
</tr>
<tr>
<td>&amp; 250L</td>
<td>and Elementary Organic Chemistry Lab</td>
<td></td>
</tr>
</tbody>
</table>
The Biology degree requires a minimal mathematical competency at the level of trigonometry. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed. See advisor for math placement.

Environmental Science Minor

Offered by Department of Biology (p. 171), Department of Geography (p. 245), and Department of Chemistry (p. 181)

The Environmental Science minor offers students from any major the opportunity to obtain a strong background in subjects that impact this field. The objectives of this minor are:

1. to increase the student’s technical knowledge and methodological skills in Environmental Science;
2. to provide students with scientific knowledge and skills necessary for success in post-baccalaureate environmental science education and careers within the field.

Environmental Science Minor Requirements

Select one of the following options:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105 &amp; BIOL 106</td>
<td>Biology I and Biology II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM 160 &amp; CHEM 160L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>9</td>
</tr>
<tr>
<td>CHEM 301 &amp; CHEM 301L</td>
<td>Analytical Chemistry and Analytical Chemistry Laboratory</td>
<td>9</td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Physical Geography II: The Lithosphere</td>
<td></td>
</tr>
<tr>
<td>GEOG 418</td>
<td>Working with GIScience and Spatial Analysis</td>
<td></td>
</tr>
<tr>
<td>GEOG 419</td>
<td>Remote Sensing of the Environment</td>
<td></td>
</tr>
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</table>

Environmental Science Minor Electives

Select 9 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 301</td>
<td>Introduction to Soils</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>BioStatistics</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 380</td>
<td>Agronomy</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Range and Wildlife Management</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 300</td>
<td>Environmental Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Soils</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 400</td>
<td>Water Resources</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 416</td>
<td>Applications of Geographic Information Systems</td>
<td>1</td>
</tr>
<tr>
<td>GEOG 417</td>
<td>GIScience Principles and Concepts</td>
<td>1</td>
</tr>
</tbody>
</table>

Total Credit Hours: 35-40

Molecular Biology Comprehensive, Bachelor of Science

Offered by Department of Biology (p. 171)

General Studies

Foundational Core (Written, Math, Oral, Democracy)

Foundational Core courses (p. 460) 12

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>1</td>
</tr>
</tbody>
</table>

Portal

Select one course numbered 188 (p. 465) 3

Distribution

ENG 101 | Introduction of Academic Writing        | 3            |

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 9

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>1</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
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<tr>
<td>PHYS 205L</td>
<td>Physics I Laboratory</td>
<td>1</td>
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</tbody>
</table>

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

Capstone

Select one course numbered 388 (p. 461) 3

BS Science-related course requirements

CHEM 160 | General Chemistry                         | 3            |

CHEM 160L | General Chemistry Laboratory             | 1            |

CHEM 161 | General Chemistry                         | 3            |

CHEM 161L | General Chemistry Laboratory             | 1            |

Major Option

Complete all required courses 47-57

Unrestricted electives

Needed to reach 120 credit hour minimum 10-20

Total Credit Hours 120

A minimum 2.5 GPA is required in all courses counting toward this major.
Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 231</td>
<td>Research Methods I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 309</td>
<td>Cellular &amp; Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 360</td>
<td>Genetics</td>
<td>4</td>
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<tr>
<td>BIOL 360</td>
<td>Genetics</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
<td>3</td>
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<tr>
<td>CHEM 160L</td>
<td>General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 351</td>
<td>Biochemistry</td>
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</tr>
<tr>
<td>CHEM 351L</td>
<td>Biochemistry Lab</td>
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<tr>
<td>CHEM 360</td>
<td>Organic Chemistry</td>
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<tr>
<td>CHEM 360L</td>
<td>Organic Chemistry Laboratory</td>
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<tr>
<td>CHEM 361</td>
<td>Organic Chemistry</td>
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<td>CHEM 361L</td>
<td>Organic Chemistry Laboratory</td>
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<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
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</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
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</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 205L</td>
<td>Physics I Laboratory</td>
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<tr>
<td>PHYS 206</td>
<td>General Physics II</td>
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<tr>
<td>PHYS 206L</td>
<td>Physics Laboratory II</td>
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</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
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<td>Social Science/Humanities Electives</td>
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<tr>
<td>Other electives 1</td>
<td>2</td>
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</tbody>
</table>

Select one of the following options: 4-8

- BIOL 215 Human Physiology

or

- BIOL 225 Anatomy and Physiology

Recommended:

- BIOL 462 Animal Behavior

Total Credit Hours: 79-83

1 Exception courses numbered 188 or 388

Pre-Veterinary Medicine

Offered by Department of Biology (p. 171)

The State of Nebraska, concerned with providing an adequate veterinary manpower, has contracted with Iowa State University to ensure space and provide partial tuition remission for qualified applicants. The following program at the University of Nebraska at Kearney will prepare students for the Veterinary Medicine professional program at Iowa State University (ISU). For further information contact the Pre-Veterinary advisor in the Biology Department (http://www.unk.edu/academics/biology/preveterinary-medicine.php).

Department Objectives

- To prepare students to work as professional chemists;
- To prepare teachers in subject matter and in methods for the teaching of chemistry and related subjects;
- To give a background in chemistry for students in biology, physics, family and consumer sciences, earth science, and physical education;
- To furnish pre-professional work for those preparing for professional work in medicine, dentistry, nursing, engineering, medical technology and other allied health areas;
- To prepare students for graduate work in chemistry.

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- To furnish pre-professional work for those preparing for professional work in medicine, dentistry, nursing, engineering, medical technology and other allied health areas;
- To prepare students for graduate work in chemistry.
Chemistry Major

Four options are available in this major:

1. Professional Chemist’s Comprehensive (p. 188) - Bachelor of Science Degree
2. Chemistry (p. 187) - Bachelor of Arts Degree
3. Chemistry Comprehensive (p. 185) - Bachelor of Science Degree
   - Biochemistry Emphasis (p. )
   - Business/Sales Emphasis (p. )
   - Health Sciences Emphasis (p. )
4. Chemistry 7-12 Teaching Subject Endorsement (p. 184) - Bachelor of Science in Education Degree

The minors in Chemistry (p. 187) and Environmental Science (p. 188) are available for students pursuing majors in other disciplines.

Scott Darveau (http://aaunk.unk.edu/catalogs/current/fac/) is available for students pursuing majors in other disciplines.

Chemistry (CHEM)

CHEM 101 – Chemistry & Current Events 4 credit hours
This course offers an exploration of chemistry from the non-majors point of view with an emphasis on concepts and critical thinking and is designed for online-only students. It offers a fully hands-on laboratory experience using specialized kits at home with online lectures and discussion. This course may not be used toward requirements for a degree in chemistry.

CHEM 145 – Introductory Chemistry 4 credit hours
Introductory course in the fundamental laws and principles of chemistry including a study of the properties of elements and their compounds. Three lectures, one laboratory each week. Credit for this course may be obtained by examination.

Additional Course Fee Required

CHEM 150 – Introduction to Organic and Biochemistry 4 credit hours
An introduction to fundamental concepts of chemistry with special attention to organic and biological chemistry. Applications of chemistry concepts in materials, energy use, nutrition, health, drugs, and toxic substances are emphasized. Not applicable to a major or minor in chemistry. Three lectures, one lab per week.

Additional Course Fee Required

CHEM 160 – General Chemistry 3 credit hours
The first semester of a comprehensive year course in chemistry that includes the principles and theories of modern chemistry. This course is designed for students who need a sound introduction to the discipline of chemistry, and it is the prerequisite for advanced chemistry courses. A student should have high school chemistry and/or two years of high school algebra before enrolling in this course. If this is not the case, take CHEM 145 and/or MATH 102 to prepare for chemistry at this level. Three lectures each week. Credit for this course may be obtained by examination.

Prerequisite: MATH 102 or Math ACT score of 22 or above or permission of instructor.

Corequisite: CHEM 160.

CHEM 160L – General Chemistry Laboratory 1 credit hour
Take concurrently with CHEM 160.

Corequisite: CHEM 160.

CHEM 161 – General Chemistry 3 credit hours
Second semester of the comprehensive year course in chemistry. Three lectures each week.

Prerequisite: Grade of C or above in CHEM 160 and CHEM 160L or advanced placement.

Corequisite: CHEM 161.

CHEM 161L – General Chemistry Laboratory 1 credit hour
Take concurrently with CHEM 161.

Corequisite: CHEM 161.

Additional Course Fee Required

CHEM 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.

Total Credits Allowed: 6.00

Prerequisite: First year freshman standing or sophomore standing only.

CHEM 250 – Elementary Organic Chemistry 4 credit hours
A survey of the field of organic chemistry designed primarily for students who do not expect to become chemists or chemical engineers. Covers the same topics as CHEM 360 and CHEM 361, but less rigorously. Four lectures, one lab per week. Counts toward chemistry minor.

Prerequisite: Grade of C or above in CHEM 161 and CHEM 161L or CHEM 180 and CHEM 180L or equivalent.

Corequisite: CHEM 250L.

CHEM 250L – Elementary Organic Chemistry Lab 1 credit hour
Corequisite: CHEM 250.

Additional Course Fee Required

CHEM 269 – Sophomore Seminar in Chemistry 1 credit hour
The first of three seminars for Chemistry majors. Includes an introduction to chemical safety and hygiene, research opportunities in the dept, possible careers in Chemistry, and an introduction to scientific literature resources. One hour per week.

Prerequisite: CHEM 161 and CHEM 161L OR CHEM 180 and CHEM 180L.
Our discussion then turns to the biochemistry of biological information in plants and bacteria as well as hormonal regulation of metabolism. This course is a continuation of CHEM 351 and begins with discussion of additional topics in metabolism such as carbohydrate biosynthesis pathways glycolysis, the citric acid cycle and oxidative phosphorylation. This course concludes with the chemistry and regulation of the metabolic fate of chemicals in the air, water, and soil, and their impact on human health and the natural environment. Topics will include water pollution and water treatment, greenhouse gases and ozone-layer destruction, sources and management of hazardous wastes, and environmental toxicology of specific industrial and agricultural chemicals.

Total Credits Allowed: 4.00
Prerequisite: Grade of C or above in CHEM 161 and CHEM 161L

CHEM 301 – Analytical Chemistry  3 credit hours
Take concurrently with CHEM 301L. This will provide a short, engaging elementary introduction to modern analytical chemistry for students whose primary interests lie inside or outside of chemistry. The laboratory experiments in the accompanying laboratory (CHEM 301L) are designed to give students hands-on experience in the use of modern instruments, with emphasis on environmental and pharmaceutical samples. Three lectures per week.
Prerequisite: CHEM 161 and CHEM 161L OR CHEM 180 and CHEM 180L or equivalent.
Corequisite: CHEM 301L.

CHEM 301L – Analytical Chemistry Lab  1 credit hour
Corequisite: CHEM 301.
Additional Course Fee Required

CHEM 351 – Biochemistry  3 credit hours
A study of the structure and function of the fundamental biomolecules including proteins, nucleic acids, carbohydrates, lipids and vitamins. The course concludes with the chemistry and regulation of the metabolic pathways glycolysis, the citric acid cycle and oxidative phosphorylation. Three lectures per week; must be taken concurrently with CHEM 351L.
Prerequisite: Grade of C in CHEM 250 and CHEM 250L OR CHEM 360 and CHEM 360L.
Corequisite: CHEM 351L.

CHEM 351L – Biochemistry Lab  1 credit hour
Corequisite: CHEM 351.
Additional Course Fee Required

CHEM 352 – Biochemistry II  3 credit hours
This course is a continuation of CHEM 351 and begins with discussion of additional topics in metabolism such as carbohydrate biosynthesis in plants and bacteria as well as hormonal regulation of metabolism. Our discussion then turns to the biochemistry of biological information pathways. Three lectures per week.
Prerequisite: Grade of C or above in CHEM 351 and CHEM 351L
Corequisite: CHEM 352L.

CHEM 352L – Biochemistry II Lab  1 credit hour
Corequisite: CHEM 352.
Additional Course Fee Required

CHEM 360 – Organic Chemistry  4 credit hours
Taken primarily by chemistry majors and pre-professional students. The foundation for understanding organic reactions is established with considerable emphasis being placed upon bonding, stereochemistry, kinetics, and reaction mechanisms. The chemistry of the alkanes, alkenes, and aromatic compounds is considered with a primary objective of understanding how these reactions occur. Four lectures per week.
Prerequisite: Grade of C or above in CHEM 161 and CHEM 161L or equivalent.
Corequisite: CHEM 360L.

CHEM 360L – Organic Chemistry Laboratory  1 credit hour
Take concurrently with CHEM 360.
Corequisite: CHEM 360.
Additional Course Fee Required

CHEM 361 – Organic Chemistry  4 credit hours
A continuation of CHEM 360. Four lectures per week.
Prerequisite: Grade of C or above in CHEM 360 and CHEM 360L.
Corequisite: CHEM 361L.

CHEM 361L – Organic Chemistry Laboratory  1 credit hour
Take concurrently with CHEM 361.
Corequisite: CHEM 361.
Additional Course Fee Required

CHEM 369 – Junior Seminar in Chemistry  1 credit hour
Second of three seminars for Chemistry majors including an introduction to analysis of scientific journals using both written and oral formats, and discussion of research and scientific ethics. One hour per week.
Prerequisite: Completion of or concurrent enrollment in CHEM 269.

CHEM 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

CHEM 388L – GS Capstone Lab  1 credit hour
Corequisite: CHEM 388.

CHEM 399 – Chemistry Apprenticeship  1-4 credit hours
The chemistry apprenticeship program is meant to provide meaningful experiences such as teaching and preparation of demonstrations. The apprentice will work mainly with one member of the department whose permission must be obtained before registration.
Total Credits Allowed: 4.00

CHEM 430 – Inorganic Chemistry  3 credit hours
A study of the underlying principles behind the structural and spectroscopic properties of inorganic compounds. Lecture topics include symmetry, molecular orbital theory, solid-state structures, transition metal chemistry, and organometallics. The laboratory will focus on preparation and characterization methods for inorganic compounds. Three lectures per week.
Prerequisite: Grade of C of above in CHEM 161 and CHEM 161L or CHEM 180 and CHEM 180L and MATH 202 and either PHYS 205 and PHYS 205L or PHYS 275 and PHYS 275L.
Corequisite: CHEM 430L.
CHEM 435 – Special Topics in Chemistry  1-3 credit hours
Topics are studied which are not covered in other courses offered by the department. The format will vary depending upon the nature of the topic and the instructor but will typically be a seminar/discussion format with lab work included as appropriate.
Department Consent Required
Total Credits Allowed: 3.00

CHEM 440 – Materials Chemistry  3 credit hours
A study of solid-state compounds and the relationships between overall physical properties and atomic- or molecular-level structure. Topics may include crystalline and amorphous solid structures, metals, semiconductors, polymers, nanomaterials, and characterization techniques.
Prerequisite: CHEM 430 and CHEM 480 or permission of instructor.

CHEM 451 – Advanced Biochemistry  3 credit hours
This course covers the basic principles of intermediary metabolism and the application of biochemical principles of living systems. Three lectures per week.
Prerequisite: CHEM 352 and CHEM 352L.

CHEM 461 – Qualitative Organic Analysis  3 credit hours
A study of classical and spectroscopic techniques used in the identifications of organic compounds including the application of NMR, FTIR, UV/Vis, and mass spectroscopy. Three lectures per week.
Prerequisite: Grade of C or above in CHEM 361 and CHEM 361L.

CHEM 469 – Senior Seminar in Chemistry  1 credit hour
The third of three seminars in chemistry including a critical examination and discussion of recent accomplishments of chemical investigations, career preparation with respect to resumes, interviewing techniques, and professional exam preparation. One hour per week.
Prerequisite: CHEM 480 and CHEM 480L and CHEM 369.

CHEM 470 – Advanced Organic Chemistry  3 credit hours
This course will cover advanced theoretical aspects of organic chemistry. Areas of emphasis will be bonding, spectroscopy, synthesis, and mechanism. Three lectures per week.
Prerequisite: CHEM 361 and CHEM 361L.

CHEM 475 – Instrumental Analysis  3 credit hours
Take concurrently with CHEM 475L. The study of modern methods of analysis using chemical instrumentation. Three lectures per week.
Prerequisite: CHEM 301 and CHEM 301L and CHEM 480 and CHEM 480L or permission of instructor.
Corequisite: CHEM 475L.

CHEM 480 – Physical Chemistry  3 credit hours
The first semester of a two semester sequence covering the physical basis of chemistry including topics of quantum mechanics, spectroscopy, elementary thermodynamics, phase transitions, solutions, and kinetics. Three lectures per week.
Prerequisite: PHYS 205 or PHYS 275 and grade of C or above in CHEM 301 and MATH 115.

CHEM 481 – Physical Chemistry II  3 credit hours
The second semester of a two semester sequence covering the physical basis of chemistry including topics of quantum mechanics, spectroscopy, elementary thermodynamics, phase transitions, solutions, and kinetics. Three lectures per week.
Prerequisite: Grade of C or above in CHEM 480.

CHEM 482 – Physical Chemistry for the Life Sciences  3 credit hours
A single semester survey of physical chemistry with a Biochemistry emphasis. Topics include thermodynamics, kinetics, and structure, spectroscopy of biochemical systems. Three lectures per week.
Prerequisite: PHYS 205 or PHYS 275 and grade of C or above in CHEM 301 and MATH 115.

CHEM 489 – Internship in Chemistry  1-15 credit hours
This course will be taken in the last two years of the chemistry major and will emphasize professional development of the individual student.
Department Consent Required
Total Credits Allowed: 15.00

CHEM 490L – Advanced Chemistry Laboratory I  2 credit hours
The second semester of a full year interdisciplinary chemistry lab covering techniques from inorganic, physical, instrumental, advanced organic, and materials chemistry focusing on larger projects including synthesis of many types of materials, measurement of physical properties, and understanding and application of modern instrumentation and spectroscopic methods.
Prerequisite: Completion of or current enrollment in CHEM 430 or CHEM 480 or CHEM 475.
Additional Course Fee Required

CHEM 491L – Advanced Chemistry Laboratory II  2 credit hours
The second semester of a full year interdisciplinary chemistry lab covering techniques from inorganic, physical, instrumental, advanced organic, and materials chemistry focusing on larger projects including synthesis of many types of materials, measurement of physical properties, and understanding and application of modern instrumentation and spectroscopic methods.
Prerequisite: CHEM 490L.
Additional Course Fee Required

CHEM 499L – Problems in Chemistry  1-3 credit hours
Independent investigations of chemistry problems. Three hours of laboratory work each week for each hour credit.
Department Consent Required
Total Credits Allowed: 6.00

Chemistry 7-12 Teaching Subject Endorsement, Bachelor of Science in Education

Offered by Department of Chemistry (p. 181)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
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<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry ¹</td>
<td>5</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td>3</td>
</tr>
</tbody>
</table>

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.
Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6

Including:

PSCI 110 Introduction to American Politics

Natural Sciences (p. 464) 9

Including:

Select one of the following:

BIOL 105 Biology I 2
BIOL 106 Biology II

Select one of the following:

PHYS 205 General Physics I & 205L General Physics I Laboratory

or

PHYS 275 General Physics I (Calculus) & 275L General Physics I (Calculus) Laboratory

Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 3

Including:

PE 150 Healthy Wealthy and Wise

Capstone
Select one course numbered 388 (p. 461) 3

Professional Sequence 3
Select 25 credit hours including the following: 25

TE 206 Instructional Technology and the Preservice Teacher
TE 306 Reading and Inclusion in K-12 Classrooms
TE 319 Management and Assessment in K-12/Secondary Classrooms
TE 320 Field Experience in Secondary Classroom

Endorsement
Complete all required courses 34

Unrestricted electives
Needed to reach 120 credit hour minimum 11

Total Credit Hours
120

Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
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<tr>
<td>CHEM 160L</td>
<td>General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 269</td>
<td>Sophomore Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td>3</td>
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<tr>
<td>CHEM 301L</td>
<td>Analytical Chemistry Lab</td>
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<tr>
<td>CHEM 351</td>
<td>Biochemistry</td>
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<tr>
<td>CHEM 351L</td>
<td>Biochemistry Lab</td>
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<tr>
<td>CHEM 480</td>
<td>Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>or CHEM 482</td>
<td>Physical Chemistry for the Life Sciences</td>
<td></td>
</tr>
<tr>
<td>CHEM 490L</td>
<td>Advanced Chemistry Laboratory I</td>
<td>2</td>
</tr>
</tbody>
</table>

Select one of the following:

CHEM 250 Elementary Organic Chemistry & 250L Elementary Organic Chemistry Lab

or

CHEM 360 Organic Chemistry & 360L Organic Chemistry Laboratory

Chemistry Subject Endorsement Other Science Requirements

Earth Science

PHYS 201 Earth Science 4

Biology

Fulfilled by General Studies requirements above.

Physics

Fulfilled by General Studies requirements above.

Chemistry Subject Endorsement Methodology Requirement

BIOL 471 Methods in Secondary Science Teaching 3

Total Credit Hours 34

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

2 BIOL 105 would fulfill the prerequisite requirement for BIOL 471.

3 Students must apply for admission to all Teacher Education programs (p. 404)

Chemistry Comprehensive, Bachelor of Science

Offered by Department of Chemistry (p. 181)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
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</tbody>
</table>

Foundational Core (Written, Math, Oral, Democracy)

Foundational Core courses (p. 460) 14

Including:

MATH 115 Calculus I with Analytic Geometry 1

Distribution

ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 9

Including:

CHEM 160 General Chemistry

CHEM 160L General Chemistry Laboratory

Take ONE of the following options:

Take (for Biochemistry emphasis):

PHYS 275 General Physics I (Calculus)
PHYS 275L General Physics I (Calculus) Laboratory
OR take (for Health Science Emphasis):
PHYS 205 General Physics I
PHYS 205L Physics I Laboratory
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0
Capstone
Select one course numbered 388 (p. 461) 3
BS Science-related course requirements 8-10
Take ONE of the following options:
Take (for Biochemistry Emphasis):
MATH 202 Calculus II with Analytic Geometry
PHYS 276 General Physics II (Calculus)
PHYS 276L General Physics II (Calculus) Laboratory
OR take (for Health Science Emphasis):
STAT 241 Elementary Statistics
or BIOL 305 BioStatistics
PHYS 206 General Physics II
PHYS 206L Physics Laboratory II
Major Option
Complete all required courses 57-60
Unrestricted electives
Needed to reach 120 credit hour minimum 5-6
Total Credit Hours 120

**Major Option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Chemistry Comprehensive Foundation Requirements</strong></td>
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<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>3</td>
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<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 269</td>
<td>Sophomore Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 301L</td>
<td>Analytical Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L</td>
<td>Biochemistry Lab</td>
<td>1</td>
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<tr>
<td>CHEM 360</td>
<td>Organic Chemistry</td>
<td>4</td>
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<tr>
<td>CHEM 360L</td>
<td>Organic Chemistry Laboratory</td>
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<tr>
<td>CHEM 361</td>
<td>Organic Chemistry</td>
<td>4</td>
</tr>
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<td>CHEM 361L</td>
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<tr>
<td>CHEM 369</td>
<td>Junior Seminar in Chemistry</td>
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<tr>
<td></td>
<td><strong>Chemistry Emphasis Requirements</strong></td>
<td></td>
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<tr>
<td></td>
<td>Select one of the following:</td>
<td>33-36</td>
</tr>
<tr>
<td></td>
<td>Biochemistry Emphasis (p. 186)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Health Sciences Emphasis (p. 186)</td>
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<td></td>
<td><strong>Total Credit Hours</strong></td>
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</table>

**Biochemistry Emphasis**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Biochemistry In-Depth Courses</strong></td>
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<tr>
<td>CHEM 352</td>
<td>Biochemistry II</td>
<td>3</td>
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<tr>
<td>CHEM 352L</td>
<td>Biochemistry II Lab</td>
<td>1</td>
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<tr>
<td>CHEM 430</td>
<td>Inorganic Chemistry</td>
<td>3</td>
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<tr>
<td>CHEM 451</td>
<td>Advanced Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 469</td>
<td>Senior Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 480</td>
<td>Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>or CHEM 482</td>
<td>Physical Chemistry for the Life Sciences</td>
<td></td>
</tr>
<tr>
<td>CHEM 490L</td>
<td>Advanced Chemistry Laboratory I</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 499L</td>
<td>Problems in Chemistry</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Take 3 hours from:</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CHEM 300 Environmental Chemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OR any 400-level CHEM lecture(s)</td>
<td></td>
</tr>
</tbody>
</table>

**Biochemistry Supporting Course Requirements**

Select 12 credit hours of the following: 12
- BIOL 105 Biology I
- BIOL 106 Biology II
- BIOL 211 Human Microbiology
- BIOL 309 Cellular & Molecular Biology
- BIOL 360 Genetics
- BIOL 450 Advanced Molecular Biology
- BIOL 452 Techniques in Molecular Biology
- BIOL 485 Molecular Genetics

**Total Credit Hours** 33

**Health Sciences Emphasis**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Health Sciences In-Depth Courses</strong></td>
<td></td>
</tr>
<tr>
<td>Option 1:</td>
<td></td>
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<tr>
<td>CHEM 352</td>
<td>Biochemistry II</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 352L</td>
<td>Biochemistry II Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 490L</td>
<td>Advanced Chemistry Laboratory I</td>
<td>2</td>
</tr>
<tr>
<td>CHEM 499L</td>
<td>Problems in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>Select 2 of the following:</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 430 Inorganic Chemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 451 Advanced Biochemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 482 Physical Chemistry for the Life Sciences or CHEM 482/Physical Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

**Health Sciences Supporting Course Requirements**

- BIOL 106 Biology II 4
- BIOL 211 Human Microbiology 4
- BIOL 225 Anatomy and Physiology 4
- BIOL 226 Anatomy and Physiology 4
- BIOL 309 Cellular & Molecular Biology 4
- BIOL 360 Genetics 4
- CHEM 300-CHEM 499L 3
- PHYS 300-PHYS 499L 4
- PE 459 Special Topics Gross Anatomy
- PE 460 Gross Anatomy of Movement

**Health Sciences Elective Requirements**

Select 3 credit hours of the following: 3
- BIOL 300-BIOL 499 2
- CHEM 300-CHEM 499L 3
- PHYS 300-PHYS 499L 4
- PE 459 Special Topics Gross Anatomy
- PE 460 Gross Anatomy of Movement

Option 2:
The following option is available to students who are accepted to and complete a minimum of 24 credit hours at an approved pharmacy school prior to receiving a baccalaureate degree from UNK.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
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</table>

Students must successfully complete a minimum of 24 credit hours at an approved pharmacy school in areas related to biology, biochemistry, chemistry (including pharmochemistry) which would be equivalent to upper division baccalaureate level courses. Up to 5 additional hours may be counted as electives toward the UNK degree.

1 Students without sufficient preparation will also need to take the following, increasing the total credit hours needed:
   - MATH 102
   - MATH 103

2 Except BIOL 388

3 Except CHEM 388

4 Except PHYS 388

5 Except CHEM 388L and CHEM 399

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**Chemistry Minor**

Offered by Department of Chemistry (p. 181)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
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<tr>
<td>CHEM 160L</td>
<td>General Chemistry Laboratory</td>
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<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
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</tr>
<tr>
<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
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**Requirements**

<table>
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<tr>
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<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 269</td>
<td>Sophomore Seminar in Chemistry</td>
<td>1</td>
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<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td>3</td>
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<td>CHEM 301L</td>
<td>Analytical Chemistry Lab</td>
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<tr>
<td>MATH 102</td>
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Select one of the following:

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<tbody>
<tr>
<td>CHEM 360</td>
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<td>&amp; 360L</td>
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<tr>
<td>&amp; CHEM 361</td>
<td>and Organic Chemistry</td>
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<tr>
<td>&amp; CHEM 361L</td>
<td>and Organic Chemistry Laboratory</td>
<td>1</td>
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or

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 250</td>
<td>Elementary Organic Chemistry</td>
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<tr>
<td>&amp; 250L</td>
<td>and Elementary Organic Chemistry Lab</td>
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**Chemistry Electives**

Select 0-3 credit hours from CHEM 300 - CHEM 499L

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<tbody>
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**Chemistry, Bachelor of Arts**

Offered by Department of Chemistry (p. 181)

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
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<tr>
<td>CHEM 160L</td>
<td>General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 269</td>
<td>Sophomore Seminar in Chemistry</td>
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</tr>
<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 250</td>
<td>Elementary Organic Chemistry</td>
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<td>&amp; 250L</td>
<td>and Elementary Organic Chemistry Lab</td>
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**Chemistry Core Requirements**

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<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 161</td>
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<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 269</td>
<td>Sophomore Seminar in Chemistry</td>
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</tr>
<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 301L</td>
<td>Analytical Chemistry Lab</td>
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</tr>
<tr>
<td>CHEM 351</td>
<td>Biochemistry</td>
<td>3</td>
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</tbody>
</table>

---

1 Except CHEM 388

2 No more than 2 credit hours of CHEM 399, CHEM 499L can be used.
CHEM 351L Biochemistry Lab 1
CHEM 490L Advanced Chemistry Laboratory I 2
CHEM 480 Physical Chemistry 3
or CHEM 482 Physical Chemistry for the Life Sciences

Select one of the following: 5

CHEM 250 Elementary Organic Chemistry
& 250L and Elementary Organic Chemistry Lab

or

CHEM 360 Organic Chemistry
& 360L and Organic Chemistry Laboratory

Chemistry Electives
Select 3 credit hours from CHEM 300 - CHEM 499L 4

Chemistry Supporting Course Requirements
MATH 202 Calculus II with Analytic Geometry 5
PHYS 276 General Physics II (Calculus)
& 276L and General Physics II (Calculus) Laboratory

or PHYS 206 General Physics II
& 206L and Physics Laboratory II

Total Credit Hours 36

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   • MATH 102
   • MATH 103

2 For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

3 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

4 Except CHEM 388

Environmental Science Minor

Offered by Department of Biology (p. 171), Department of Geography (p. 245), and Department of Chemistry (p. 181)

The Environmental Science minor offers students from any major the opportunity to obtain a strong background in subjects that impact this field. The objectives of this minor are:

1. to increase the student's technical knowledge and methodological skills in Environmental Science;
2. to provide students with scientific knowledge and skills necessary for success in post-baccalaureate environmental science education and careers within the field.

Code Title Credit Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
</tr>
<tr>
<td>&amp; BIOL 106</td>
<td>and Biology II</td>
</tr>
</tbody>
</table>

Environmental Science Minor Electives
Select 9 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 301</td>
<td>Introduction to Soils</td>
</tr>
<tr>
<td>BIOL 305</td>
<td>BioStatistics</td>
</tr>
<tr>
<td>BIOL 380</td>
<td>Agronomy</td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Range and Wildlife Management</td>
</tr>
<tr>
<td>CHEM 300</td>
<td>Environmental Chemistry</td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Soils</td>
</tr>
<tr>
<td>GEOG 400</td>
<td>Water Resources</td>
</tr>
<tr>
<td>GEOG 416</td>
<td>Applications of Geographic Information Systems</td>
</tr>
<tr>
<td>GEOG 417</td>
<td>GIScience Principles and Concepts</td>
</tr>
</tbody>
</table>

Total Credit Hours 26

Professional Chemist’s Comprehensive, Bachelor of Science

Offered by Department of Chemistry (p. 181)

Code Title Credit Hours

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
</tr>
</tbody>
</table>

Portal
Select one course numbered 188 (p. 465)

Distribution
ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 9
Including:

- CHEM 160: General Chemistry
- CHEM 160L: General Chemistry Laboratory
- PHYS 275: General Physics I (Calculus)
- PHYS 275L: General Physics I (Calculus) Laboratory

Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0

Capstone
Select one course numbered 388 (p. 461) 3

BS Science-related course requirements
- MATH 202: Calculus II with Analytic Geometry 5
- PHYS 276: General Physics II (Calculus) 4
- PHYS 276L: General Physics II (Calculus) Laboratory 1

Major Option
Complete all required courses 58

Unrestricted electives
Needed to reach 120 credit hour minimum 5

Total Credit Hours 120

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 160L</td>
<td>General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 269</td>
<td>Sophomore Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L</td>
<td>Analytical Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 360</td>
<td>Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 360L</td>
<td>Organic Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 369</td>
<td>Junior Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 430</td>
<td>Inorganic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 480</td>
<td>Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 490L</td>
<td>Advanced Chemistry Laboratory I</td>
<td>2</td>
</tr>
</tbody>
</table>

Chemistry In-Depth Courses

- CHEM 352: Biochemistry II 3
- CHEM 352L: Biochemistry II Lab 1
- CHEM 361: Organic Chemistry 4
- CHEM 361L: Organic Chemistry Laboratory 1
- CHEM 469: Senior Seminar in Chemistry 1
- CHEM 475: Instrumental Analysis 3
- CHEM 481: Physical Chemistry II 3
- CHEM 491L: Advanced Chemistry Laboratory II 2

Select 1 credit hour of the following:
CHEM 499L: Problems in Chemistry 1

Professional Chemist's Supporting Course Requirements

- MATH 260: Calculus III 5
- MATH 305: Differential Equations
- MATH 440: Linear Algebra

Advanced Chemistry Requirements
Select 4 lecture courses (12 credit hours) of the following:
CHEM 300-CHEM 499 1

Select 3 lab credit hours of the following:
CHEM 300-CHEM 499L 2

Supporting Courses

- MATH 115: Calculus I with Analytic Geometry 3 5
- MATH 202: Calculus II with Analytic Geometry 5
- PHYS 275: General Physics I (Calculus) 4
- PHYS 275L: General Physics I (Calculus) Laboratory 1
- PHYS 276: General Physics II (Calculus) 4
- PHYS 276L: General Physics II (Calculus) Laboratory 1

1 Except CHEM 388
2 Except CHEM 388L and CHEM 399
Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

Department of Communication

Department Mission Statement

The faculty of the Department of Communication at the University of Nebraska at Kearney educates students to be ethical professional communicators in the rapidly-changing, diverse, global environment.

Students graduating from the Department of Communication should be able to:

1. Demonstrate and apply professional written communication skills.
2. Demonstrate and apply relevant professional oral and/or visual communication skills.
3. Apply communication-related concepts to contemporary issues and everyday life.
4. Demonstrate informational literacy including how to gather, evaluate and interpret information.

The faculty are uniquely qualified to provide instruction in the areas of advertising and public relations, journalism, multimedia, organizational and relational communication, and speech education.

Minimum Grade Point Average in the Major

Students selecting a major in the Department of Communication must earn a minimum 2.5 G.P.A. in the major.

Portfolio Requirements

Students selecting a major in Journalism or Advertising and Public Relations must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

Journalism and Mass Communication majors are required to take JMC 100 Global Media Literacy as their Democracy General Studies course. It is recommended that students consult with a departmental advisor about this issue.

Journalism and Mass Communication Major

Four options are available in this major:

1. Journalism (p. 196) - Bachelor of Arts Degree
   or Journalism (p. 197) - Bachelor of Science Degree
2. Advertising and Public Relations (p. 195) - Bachelor of Arts Degree
   or Advertising and Public Relations (p. 195) - Bachelor of Science Degree
3. Multimedia (p. 198) - Bachelor of Arts Degree
   or Multimedia (p. 199) - Bachelor of Science Degree
4. Sports Communication (p. 201) - Bachelor of Arts Degree
   or Sports Communication (p. 202) - Bachelor of Science Degree

Speech Major

One option is available in this major:

1. Organizational and Relational Communication Comprehensive (p. 200) - Bachelor of Science Degree

Minors in Advertising and Public Relations (p. 194), Journalism (p. 196), Media Production (p. 198), Multimedia (p. 198) and Professional Communication (p. 201) are available. The Elementary Education Major has a specially defined minor in Speech/Theatre (p. 201).

W. Benjamin Myers, Chair

Professor: Ralph Hanson

Associate Professor: Nanette Hogg, Akbar Javidi, George Lawson, W. Benjamin Myers, Fletcher Ziwoya

Assistant Professor: Sonja Bickford, Tasha Dunn, Jacob Rosdail

Senior Lecturer: Ford Clark, L. Jake Jacobsen

Lecturer: Aaron Blackman, Lloyd Breeding, Ashley Weets

Journalism and Mass Communication (JMC)

JMC 100 – Global Media Literacy 3 credit hours

This course provides a comprehensive understanding of the role of global media as they interact with the world’s social, cultural, political, technological and economic forces. Historical dimensions also are examined. Using major mass communication theoretical concepts as a basis, the effects of mass media on individuals and society are explored.

JMC 110 – Topics 1 credit hour

This course is intended to introduce students to the use of popular software packages used by the industry. The content of the course will be announced each time the course is offered.

Total Credits Allowed: 5.00

JMC 112 – Communication Software 3 credit hours

The course is intended to introduce students to the use of Apple Macintosh computers, peripherals, and popular communication software used by the industry. Students will be introduced to basic design principles.

JMC 130 – Advertising Principles and Practice 3 credit hours

The study of how media strategy, planning and research are used in creating the advertising message. The course will include practical application of theory with emphasis on culturally diverse audiences.

JMC 215 – News Writing & Photography 3 credit hours

As the world of integrated news continues to expand, journalists must be prepared with skills to meet the demands of the industry. Students will learn to select, focus and write news and feature stories in the traditional sense and then supplement the written news with digital photojournalism and design skills creating news packages geared to a specific news audience. Work in this course prepares students to write for the student newspaper and prepare design pieces for their portfolios in preparation for communication internships and jobs in news communication.

Corequisite: JMC 112 or permission of the department.

Additional Course Fee Required
JMC 220 – Photojournalism 3 credit hours
Digital photography techniques. Introduction to using computer software and hardware to shoot and prepare photos for reproduction. Field assignments will be required.
Additional Course Fee Required

JMC 226 – Audio Production & Announcing 3 credit hours
An introduction to the techniques and theory of audio production as they are applied in the broadcast, cable and production industries. The course also includes instruction in how to effectively use one’s voice in broadcasting.
Additional Course Fee Required

JMC 230 – Integrated Marketing Communications 3 credit hours
An introduction to advertising with emphasis on marketing and demographic analysis. Also includes how advertising affects the consumer and an examination of the structure of the advertising industry.

JMC 250 – Video Production Foundations 2 credit hours
The purpose of this course is to introduce students to storytelling techniques using video and audio as the media. Students will be introduced to scriptwriting and storyboarding and will shoot and edit video to produce a short movie.

JMC 265 – Video Production 3 credit hours
This course deals with advanced video production concepts and practices. Students will record aesthetically pleasing video and edit polished video material. They will develop skills using professional-grade camera, sound, and lighting equipment and familiarity with video and photo editing software (Adobe Premiere and Photoshop). Prerequisite: JMC 250 or permission of instructor.
Additional Course Fee Required

JMC 280H – Sp Top in Brdcst-Honors 4 credit hours

JMC 300 – Website Design 3 credit hours
No previous knowledge or experience required. Start with the basics: how the web works, using html, page editors, images and Web design principles. This class is hands-on in a lab environment. A variety of software such as Adobe Photoshop, Dreamweaver and Fetch will be used as well as digital cameras and scanners. Additional lab hours will be available. Students will finish with a Web site, their own pages on UNK’s server, and with an understanding of technical issues. Prerequisite: JMC 112 or permission of instructor

JMC 302 – Digital Storytelling 3 credit hours
This course is designed to give Communication students experiences with the concepts and practices of professional information gathering for converged media. The emphasis is on selecting topics, angles, and sources, and producing content for multiple media formats. Students will use text, photos, audio, video, and other media for online and print publication.
Prerequisite: JMC 112 and JMC 215 and JMC 300
Additional Course Fee Required

JMC 303 – History of Press in America 3 credit hours
Study of primary materials to see how the media acted or reacted, altered or was altered by events and issues of American social, economic and political history.

JMC 304 – Interactive Media Design 3 credit hours
This course provides a comprehensive foundation for a hands-on approach for design, development, and process implementation of interactive media. Students will explore the current technologies and current software relationships to create course projects. It is recommended that students take JMC 300, Web Site Design and JMC 301 Web Site Design II before taking JMC 304.

JMC 305 – Writing Feature and Magazine Articles 3 credit hours
An in-depth study of how to write and market feature articles for newspapers and magazines.
Prerequisite: JMC 215 or permission of instructor

JMC 307 – Advertising Copywriting 3 credit hours
Writing advertising copy to fit specific media and specific client requirements. Assignments designed to develop skills in writing for all advertising media.

JMC 309 – Public Relations 3 credit hours
Basic principles of corporate and institutional communications programs.

JMC 315 – Advanced Reporting & Editing 3 credit hours
Advanced reporting techniques developed with emphasis on public affairs reporting. Students will also be exposed to copy editing, headline and caption writing and learning the Associated Press style.
Prerequisite: JMC 215 or permission of instructor

JMC 316 – Broadcast Advertising & Programming 3 credit hours
The course is designed to familiarize students with different aspects of broadcast/cable advertising and programming. Topics will include reach, co-op advertising, audience flow, coverage areas, audience measurement methods, ratings, share, stunting and recycling. Other areas for discussion will include the relationships among programming, promotions, personalities and the personnel in the various departments within a broadcast/cable operation.

JMC 318 – Writing for the Media 3 credit hours
Students will prepare written material for the media through assignments of varying styles, formats and degrees of difficulty.

JMC 319 – Sports Writing for the Media 3 credit hours
This course is designed for students pursuing a career in sports communication, whose professional duties will require them to prepare or approve written material in a variety of forms and styles for a range of media.

JMC 320 – Media Management 3 credit hours
A study of practical business and leadership techniques in media organizations. The course will include basic theories and styles of management. The structure of typical media organizations will be discussed.
Prerequisite: JMC 130 or JMC 215 and junior standing

JMC 329 – Print Advertising Design 3 credit hours
In-depth study of design and production techniques necessary for all print advertising. Utilizes desktop publishing to produce black and white as well as spot color print ads. Students will be expected to demonstrate proficiency with Adobe Photoshop and InDesign on the first day of the course.
Prerequisite: JMC 112
Additional Course Fee Required

JMC 330 – Publication Design 3 credit hours
Basic design and production techniques necessary for all publications. Utilizes desktop publishing to produce flyers, brochures and newsletters. Students will be expected to demonstrate proficiency with Adobe Photoshop and InDesign on the first day of the course.
Prerequisite: JMC 112
Additional Course Fee Required

JMC 336 – Radio Workshop 2 credit hours
Students will write, perform in, and produce programming and announcements, as well as serve as staff for KLPR-FM, the student operated radio station.
Total Credits Allowed: 10.00
JMC 339 – Radio Workshop: Sports  2 credit hours
Students will write, perform in, and produce sports programming and announcements, as well as serve as sports broadcasting staff for KLPR-FM, the student operated radio station.
Total Credits Allowed: 6.00

JMC 340 – Media Planning & Selling  3 credit hours
Principles of professional planning and selling of media with emphasis on efficient media choices for advertisers and effective personal selling techniques on behalf of media organizations.
Prerequisite: JMC 230

JMC 343 – Video at Antelope  2 credit hours
Students will write, produce, perform and serve as production crew for a variety of video programming including news, sports, and entertainment. This programming will be hosted on the Antelope website. Whenever possible, video content will be paired with a story from the print edition of the Antelope.
Total Credits Allowed: 6.00
Prerequisite: JMC 250

JMC 350 – News at Antelope  2 credit hours
This course is designed to give Communication students practical experiences in professional information gathering. Students will select topics, develop angles, identify sources, and produce content for online, print, and broadcast media. May be repeated for a total of four hours.
Total Credits Allowed: 4.00
Prerequisite: JMC 302 or JMC 318 or permission of instructor

JMC 351 – Advertising at Antelope  2 credit hours
Students will develop advertising accounts, sell and design ads for the student newspaper, The Antelope. May be repeated for a total of four hours.
Total Credits Allowed: 4.00
Prerequisite: JMC 307 and JMC 329 or JMC 330 or permission of instructor

JMC 352 – Antelope Newspaper Production Photo Staff  2 credit hours
Students will take, process, and print pictures for the student newspaper, The Antelope. May be repeated for a total of four hours.
Total Credits Allowed: 10.00
Prerequisite: JMC 220 or permission of instructor

JMC 353 – Sports at Antelope  2 credit hours
This course is designed to give Sports Communication students practical experiences in professional information gathering. Students will select topics, develop angles, identify sources, and produce content for online, print, and broadcast media covering sports. May be repeated for a total of four hours.
Total Credits Allowed: 4.00
Prerequisite: JMC 302 or JMC 319

JMC 356 – Broadcast Announcing  3 credit hours
Instruction in performance for television and radio including news, personality, live performance and voice over. Students will perform in each class period with direct audience feedback.

JMC 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

JMC 401 – Web Site Design II  3 credit hours
This course, a continuation of JMC 300, explores current technologies available for web site development such as current languages, cascading style sheets, JavaScript, and responsiveness to devices. Multimedia formats for audio and video files are covered. Information is provided in relation to forms and interactivity. In addition, social implications, accessibility, and legal responsibilities are investigated.
Prerequisite: JMC 300 or permission of instructor

JMC 402 – CMS - WordPress  3 credit hours
This course will explore Content Management Systems (CMS). CMS are leading applications for developing and maintaining websites. WordPress is an online, open source website creation tool and the most powerful blogging and website CMS in existence today.

JMC 406 – Commentary and Blogging  3 credit hours
This course introduces students to opinion writing for a range of media, including blogs, newspapers, magazines, and audio/video. Students will read, listen to, and analyze editorials, columns and spoken commentary, as well as write them for various media.
Prerequisite: Junior standing

JMC 409 – Public Relations Strategy  3 credit hours
Case study analysis of public relations problems and procedures. Practice in creating materials which help organizations reach their publics.
Prerequisite: JMC 309

JMC 414 – Communications Law  3 credit hours
Privileges of and constraints on mass media. Libel, contempt, access, privacy, and copyright are considered. National and state regulations are examined.
Prerequisite: Junior standing

JMC 416 – Interpretive Reporting  3 credit hours
Writing interpretive articles. Research and practice in understanding and evaluating contemporary problems and relating them to the social sciences.
Prerequisite: JMC 315

JMC 420 – Advertising Campaigns  3 credit hours
Integrates, amplifies and applies previous advertising and marketing coursework. Focus is three-fold: 1) utilizing research to write sound advertising-based integrated marketing communication plans, complete with post tests for effectiveness; 2) creating the campaigns including proposed media plans and media buys; and 3) making client presentations.
Prerequisite: JMC 307
Additional Course Fee Required
JMC 425 – Topics in Mass Media  1-3 credit hours
The course examines various aspects of mass communication. The content of the course will be announced each time the course is offered. Possible topics include: public policy and the media; women, minorities and the media, and advanced web site design.
Total Credits Allowed: 9.00

JMC 427 – Advanced Video Production  3 credit hours
Features single camera projects with close faculty supervision.
Prerequisite: JMC 265 and JMC 343

JMC 440 – Mass Media Research  3 credit hours
The course is designed to accommodate the needs of students interested in understanding and conducting mass communications research. The course will introduce students to examples of mass communication research, as well as methods and typical research designs.
Prerequisite: Junior standing

JMC 460 – Mass Media and Society  3 credit hours
An examination of the theories, issues, and controversies surrounding the mass media. Particular emphasis will be given to press ethics, freedom and media effects.
Prerequisite: Junior standing

JMC 475 – Internship in Mass Media  1-6 credit hours
Supervised field experience with a cooperative agency in a media-related field. There will be an evaluation and review required with the sponsoring faculty member. Each student will be required to write an evaluation paper. The student must meet special requirements to participate in the program. Complete information is available in the Communication Department office.
Total Credits Allowed: 18.00

JMC 497 – Senior Portfolio  1 credit hour
The course is intended to provide the Department of Communication student with a comprehensive foundation in electronic portfolio creation to meet the graduation requirement.
Prerequisite: Junior or senior standing

JMC 498 – Multimedia Directed Study  1 credit hour
Students will work in teams in this course and will produce original multimedia productions in consultation with and directed by members of the Communication Department. This is a capstone course for Multimedia majors and minors and should be taken during the student’s senior year.
Prerequisite: Senior standing

JMC 499 – Independent Study in Mass Media  1-3 credit hours
Special assignments in the field of mass communication. May be taken for a total of 6 hours.
Department Consent Required
Total Credits Allowed: 18.00

Speech (SPCH)

SPCH 100 – Fundamentals of Speech Communication  3 credit hours
Study and practice of principles of public speaking.

SPCH 154 – Cross-Cultural Communication  3 credit hours
This course is designed to provide students with effective cross-cultural communication skills.

SPCH 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

SPCH 201 – Classical Traditions in the Communicative Arts  3 credit hours
A study of the contributions of the classical civilizations of Greece and Rome to the arts of communication: rhetoric and oratory, theatre and interpretation, and a study of classical influences on modern communication.

SPCH 202 – Communication Concepts in Society  3 credit hours
A survey of the basic concepts of communication through application to different contexts and through examination of literature and methods in communication research.

SPCH 205 – Voice and Articulation  3 credit hours
Designed to improve voice articulation and projection.

SPCH 222 – Oral Interpretation of Literature  3 credit hours
Performing from great literature, developing close appreciation of the aesthetic elements of prose, poetry, and drama from the performing artist’s viewpoint.

SPCH 230 – Nonverbal Communication  3 credit hours
Study of principles and effects of nonverbal communication.

SPCH 231 – Introduction to Forensics and Debate  3 credit hours
Study of debate and individual events procedures focused on skills of investigation and presentation.

SPCH 237 – Intercollegiate Debate and Forensics  1-4 credit hours
For students interested in intercollegiate debate and individual events tournaments.
Total Credits Allowed: 4.00

SPCH 252 – Communication Inquiry  3 credit hours
Improve researching skills by applying knowledge of experimental design to analyze, evaluate, and interpret research written within the Communication field.
Prerequisite: SPCH 202 or instructor approval

SPCH 270 – Advanced Public Speaking  3 credit hours
This course will provide advanced work in speaker's delivery regarding: voice, body language, gestures, and facial expression. Two aspects of language will be considered: technical and influential. Speechwriting as a skill and a profession will be introduced. Speeches in the impromptu, extemporaneous and manuscript style will be presented by the students.
Prerequisite: SPCH 100

SPCH 280H – Special Topics-Honors  3 credit hours
Study of interpersonal and relational communication including the role of verbal and nonverbal communication in relationship development and maintenance, conflict management and interpersonal influence.
SPCH 301 – Introduction to Organizational Communication 3 credit hours
Students in this course will be introduced to the constitutive role that communication plays within organizational settings through studying the various theoretical approaches of the organizational communication discipline.

SPCH 332 – Logic Argumentation and Reasoning 3 credit hours
An examination of theories of practical logic with emphasis on rational decision making.

SPCH 340 – Professional Communication 3 credit hours
The course is designed to have a student consider his/her future career and the communication skills necessary in order to be successful in that career. The following skills will be presented: professional presentation skills, exploration of professional development topics that will aid interviewers to be effective, research into potential career opportunities, creation of an online resume, preparing for and conducting of a virtual job interview. The student will develop an online video profile that supplements their job application and resume.
Prerequisite: General Studies oral communication requirement and either junior standing or instructor approval

SPCH 360 – Persuasion and Propaganda 3 credit hours
The study and practice of persuasion.

SPCH 370 – Small Group Communication 3 credit hours
Study of small group communication theory and participation in various types of group discussion and activities.

SPCH 380 – Rhetorical Criticism 3 credit hours
Study of how to understand the consequences of persuasive communication, how to evaluate its quality, and how to be an effective agent of change.

SPCH 400 – The Teaching of Speech 3 credit hours
A methods course dealing with practical aspects of structuring and planning a speech-theatre program in the secondary schools.

SPCH 401 – Seminar: Special Topics 1-3 credit hours
Course work on a specific topic of communication designed by the teacher.
Total Credits Allowed: 15.00

SPCH 445 – Diffusion of Innovations 3 credit hours
Diffusion of Innovations examines the adoption of innovations by individuals in a social system from the perspective of a communication based model. Examples of innovations include fashion trends, campaign slogans, communication technologies, hygiene practices, birth control, farming practices, hybrid powered automobiles, types of government rule (democracy) and genetically engineered foods. The diffusion phenomenon is examined emphasizing social and individual points of view. Class sessions are mostly based on lecture, with some discussion. Assessment tools include exams, case studies, and a final semester project. The final project will be presented to the class.

SPCH 452 – Advanced Organizational Communication 3 credit hours
Students in this course will investigate a variety of significant organizational communication issues that contribute to the development and maintenance of the organizational workplace. Students will apply theories through case studies and projects.
Prerequisite: SPCH 301

SPCH 453 – Interviewing 3 credit hours
Theories and techniques of interviewing, including information gathering, employment, appraisal and persuasive interviewing.

SPCH 454 – Intercultural Communication 3 credit hours
Study of communication across cultures.

SPCH 455 – Communication Training and Consulting 3 credit hours
A study of how to plan, conduct and evaluate communication training and development programs within the organization.

SPCH 456 – Rhetorical Theory 3 credit hours
Historical study of theories of persuasive communication from early Greek and Roman times.

SPCH 457 – Contemporary Rhetorical Theory 3 credit hours
Modern rhetorical theories.

SPCH 459 – Organizational & Relational Communication Senior Practicum 3 credit hours
The capstone in communication is intended to serve as a culminating experience for communication majors. Students will engage in a significant service project that will lead to assignments that allow them to integrate their experiences across different courses, apply the written and oral communication skills they have learned, and engage in professional development.
Prerequisite: Senior status as an Organizational and Relational Communication major.

SPCH 460 – Independent Study and Research 1-4 credit hours
Investigation of selected problems or topics on an individual basis. Obtain form from the Department office.
Total Credits Allowed: 6.00

SPCH 475 – Internship 1-6 credit hours
In-depth study for advanced students through practical experience in the business and professional world in the area of speech communication.
Department Consent Required
Total Credits Allowed: 6.00

SPCH 499 – Communication Theory 3 credit hours
An overview of theory and major theorists in the field of communication.

Advertising and Public Relations Minor
Offered by Department of Communication (p. 190)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JMC 112</td>
<td>Communication Software</td>
<td>3</td>
</tr>
<tr>
<td>JMC 300</td>
<td>Website Design</td>
<td>3</td>
</tr>
<tr>
<td>JMC 414</td>
<td>Communications Law</td>
<td>3</td>
</tr>
<tr>
<td>JMC 230</td>
<td>Integrated Marketing Communications</td>
<td>3</td>
</tr>
<tr>
<td>JMC 307</td>
<td>Advertising Copywriting</td>
<td>3</td>
</tr>
<tr>
<td>JMC 309</td>
<td>Public Relations</td>
<td>3</td>
</tr>
</tbody>
</table>
Select 3 credit hours of the following:

- JMC 318 Writing for the Media
- JMC 329 Print Advertising Design
- JMC 330 Publication Design
- JMC 340 Media Planning & Selling

Total Credit Hours 21

Advertising and Public Relations, Bachelor of Arts

Offered by Department of Communication (p. 190)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JMC 112</td>
<td>Communication Software</td>
<td>3</td>
</tr>
<tr>
<td>JMC 215</td>
<td>News Writing &amp; Photography</td>
<td>3</td>
</tr>
<tr>
<td>JMC 300</td>
<td>Website Design</td>
<td>3</td>
</tr>
<tr>
<td>JMC 414</td>
<td>Communications Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Advertising and Public Relations Core

- JMC 230 Integrated Marketing Communications 3
- JMC 302 Digital Storytelling 3
- JMC 307 Advertising Copywriting 3
- JMC 309 Public Relations 3
- JMC 350 News at Antelope 2
- JMC 351 Advertising at Antelope 2
- JMC 329 Print Advertising Design 3
  or JMC 330 Publication Design
- JMC 409 Public Relations Strategy 3
  or JMC 420 Advertising Campaigns

Advertising and Public Relations Electives

Select 2 credit hours of the following:

- JMC 110 Topics 3
- JMC 250 Video Production Foundations
- JMC 425 Topics in Mass Media

Any course from JMC 110 - JMC 499 4

Total Credit Hours 36

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3. JMC 110 is one credit hour and may be taken twice (any topics but InDesign and Photoshop).
4. Except JMC 388. JMC 475 is not available for major elective credit.

Advertising and Public Relations, Bachelor of Science

Offered by Department of Communication (p. 190)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>JMC 112</td>
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<td>News Writing &amp; Photography</td>
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Advertising and Public Relations Core

- JMC 230 Integrated Marketing Communications 3
- JMC 302 Digital Storytelling 3
- JMC 307 Advertising Copywriting 3
- JMC 309 Public Relations 3
- JMC 350 News at Antelope 2
- JMC 351 Advertising at Antelope 2
- JMC 329 Print Advertising Design 3
  or JMC 330 Publication Design
- JMC 409 Public Relations Strategy 3
  or JMC 420 Advertising Campaigns

Advertising and Public Relations Electives

Select 2 credit hours of the following:

- JMC 110 Topics 3
- JMC 250 Video Production Foundations
- JMC 425 Topics in Mass Media

Any course from JMC 110 - JMC 499 4

Total Credit Hours 36

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3. JMC 110 is one credit hour and may be taken twice (any topics but InDesign and Photoshop).
4. Except JMC 388. JMC 475 is not available for major elective credit.

Students selecting a major in Advertising and Public Relations must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0
Needed to reach 27 credit hour minimum in Distribution 2
Capstone
Select one course numbered 388 (p. 461) 3
BS Science-related course requirements
Select one of the following: 0-3
Select 6 credit hours of General Studies Analytical and Quantitative Thought courses
or
Select 2 General Studies lab courses in Natural Sciences

Major Option
Complete all required courses 36
Minor or 2nd Major
Complete all required courses 24
Unrestricted electives
Needed to reach 120 credit hour minimum 9-11
Total Credit Hours 114-119

Students selecting a major in Advertising and Public Relations must earn a minimum 2.5 G.P.A. in the major.

Students selecting a major in Advertising and Public Relations must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

Major Option

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<tr>
<td>JMC 350</td>
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<td>Advertising at Antelope</td>
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<tr>
<td>JMC 329</td>
<td>Print Advertising Design</td>
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</tr>
<tr>
<td>or JMC 330</td>
<td>Publication Design</td>
<td></td>
</tr>
<tr>
<td>JMC 409</td>
<td>Public Relations Strategy</td>
<td>3</td>
</tr>
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<td>or JMC 420</td>
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Advertising and Public Relations Electives

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>JMC 110</td>
<td>Topics</td>
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<tr>
<td>JMC 250</td>
<td>Video Production Foundations</td>
<td></td>
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<td>JMC 425</td>
<td>Topics in Mass Media</td>
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</tr>
<tr>
<td>Any course from JMC 110 - JMC 499 2</td>
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</table>

Total Credit Hours 36

1. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
2. JMC 110 is 1 credit hour and may be taken twice (any topics but InDesign and Photoshop).
3. Except JMC 388. JMC 475 is not available for major elective credit.

Journalism Minor

Offered by Department of Communication (p. 190)

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<tr>
<td>JMC 265</td>
<td>Video Production</td>
<td>3</td>
</tr>
<tr>
<td>JMC 305</td>
<td>Writing Feature and Magazine Articles</td>
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</tr>
<tr>
<td>JMC 315</td>
<td>Advanced Reporting &amp; Editing</td>
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</tr>
<tr>
<td>JMC 406</td>
<td>Commentary and Blogging</td>
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</table>

Total Credit Hours 20

Journalism, Bachelor of Arts

Offered by Department of Communication (p. 190)

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<td>JMC 230</td>
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<td>Digital Storytelling</td>
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Journalism Minor

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Total Credit Hours 20

Journalism, Bachelor of Arts

Offered by Department of Communication (p. 190)

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Advertising and Public Relations Electives

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Total Credit Hours 36

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2. JMC 110 is 1 credit hour and may be taken twice (any topics but InDesign and Photoshop).
3. Except JMC 388. JMC 475 is not available for major elective credit.
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0
Needed to reach 27 credit hour minimum in Distribution 2

**Capstone**
Select one course numbered 388 (p. 461) 3

**BA Language requirement**
Complete all required courses 1

**Major Option**
Complete all required courses 6

**Minor or 2nd Major**
Complete all required courses 2

**Unrestricted electives**
Needed to reach 120 credit hour minimum 9

Total Credit Hours 120

**Journalism, Bachelor of Science**
Offered by Department of Communication (p. 190)

### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**
Foundational Core courses (p. 460) 12
Including:
- JMC 100 Global Media Literacy

**Distribution**
ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- Aesthetics (p. 460) 3
- Humanities (p. 464) 6
- Social Sciences (p. 465) 6
- Natural Sciences (p. 464) 7
- Analytical and Quantitative Thought (p. 460) 0
- Wellness (p. 466) 0
- Needed to reach 27 credit hour minimum in Distribution 2

**Capstone**
Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**
Select one of the following: 0-3
- Select 6 credit hours of General Studies Analytical and Quantitative Thought courses
- or
- Select 2 General Studies lab courses in Natural Sciences

**Major Option**
Complete all required courses 36

**Minor or 2nd Major**
Complete all required courses 1

**Unrestricted electives**
Needed to reach 120 credit hour minimum 9-11

Total Credit Hours 114-119
Students selecting a major in Journalism must earn a minimum 2.5 G.P.A. in the major.

Students selecting a major in Journalism must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

## Major Option

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<td>JMC 414</td>
<td>Communications Law</td>
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### Journalism and Mass Communication Core Requirements

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<tr>
<td>JMC 265</td>
<td>Video Production</td>
<td>2</td>
</tr>
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<td>JMC 305</td>
<td>Writing Feature and Magazine Articles</td>
<td>3</td>
</tr>
<tr>
<td>JMC 330</td>
<td>Publication Design</td>
<td>3</td>
</tr>
<tr>
<td>JMC 406</td>
<td>Commentary and Blogging</td>
<td>3</td>
</tr>
<tr>
<td>JMC 425</td>
<td>Topics in Mass Media</td>
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### Recording Core

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>JMC 110</td>
<td>Topics</td>
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</tr>
<tr>
<td>JMC 226</td>
<td>Audio Production &amp; Announcing</td>
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</tr>
<tr>
<td>JMC 250</td>
<td>Video Production Foundations</td>
<td>2</td>
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<tr>
<td>JMC 304</td>
<td>Interactive Media Design</td>
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<td>JMC 414</td>
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<tr>
<td>JMC 425</td>
<td>Topics in Mass Media</td>
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### Reporting Electives

Select 9 credit hours of the following:

<table>
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<th>Code</th>
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<tr>
<td>JMC 401</td>
<td>Web Site Design II</td>
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<tr>
<td>JMC 406</td>
<td>Commentary and Blogging</td>
<td>3</td>
</tr>
<tr>
<td>JMC 498</td>
<td>Multimedia Directed Study</td>
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</tr>
<tr>
<td>JMC 499</td>
<td>Independent Study in Mass Media</td>
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</table>

### Total Credit Hours

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

2 Topics is 1 credit hour and may be taken twice (any topics but InDesign and Photoshop).

3 May take no more than 2 credit hours from JMC 110, JMC 475, JMC 498, or JMC 499 for major elective credit.

## Multimedia Minor

Offered by Department of Communication (p. 190)

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td>4</td>
</tr>
<tr>
<td>ART 301M</td>
<td>Typography I/Multimedia</td>
<td>3</td>
</tr>
<tr>
<td>ART 305M</td>
<td>Graphic Applications/Multimedia</td>
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<tr>
<td>JMC 250</td>
<td>Video Production Foundations</td>
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<td>JMC 318</td>
<td>Writing for the Media</td>
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<tr>
<td>JMC 414</td>
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<td>JMC 498</td>
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Take 6 hours from:

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<tr>
<td>CYBR 405</td>
<td>Human Computer Interactive Application Development</td>
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<td>Website Design</td>
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<td>JMC 401</td>
<td>Web Site Design II</td>
<td>3</td>
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<td>CYBR 425</td>
<td>Database Systems</td>
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<tr>
<td>ART 318M</td>
<td>Design I / Multimedia</td>
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### Total Credit Hours

1 Multimedia minors are encouraged to take the following as General Studies courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>JMC 100</td>
<td>Global Media Literacy</td>
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<tr>
<td>ART 120</td>
<td>Art Appreciation</td>
<td>3</td>
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## Multimedia, Bachelor of Arts

Offered by Department of Communication (p. 190)

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</table>
General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

**Foundational Core Courses** 12

- **MATH 102** College Algebra
- **JMC 100** Global Media Literacy

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

- **ENG 101** Introduction of Academic Writing 3
  
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

**Aesthetics** (p. 460) 3

Including:

- **ART 120** Art Appreciation

**Humanities** (p. 464) 6

**Social Sciences** (p. 465) 6

**Natural Sciences** (p. 464) 7

**Analytical and Quantitative Thought** (p. 460) 4

Including:

- **CSIT 130**
- **Wellness** (p. 466) 0

**Capstone**

Select one course numbered 388 (p. 461) 3

**BA Language requirement**

Complete all required courses 1 6

**Major Option**

Complete all required courses 36

**Minor or 2nd Major**

Complete all required courses 2 24

**Unrestricted electives**

Needed to reach 120 credit hour minimum 7

Total Credit Hours 120

*Students selecting a major in Multimedia must earn a minimum 2.5 G.P.A. in the major, including all general studies courses required by the major.*

**Major Option**

<table>
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<tr>
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<td></td>
<td>- <strong>CSIT 425</strong></td>
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<td>- <strong>CSIT 440</strong></td>
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<td></td>
<td>- <strong>JMC 402</strong></td>
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<td></td>
<td>- <strong>ART 301M</strong></td>
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<td>- <strong>ART 305M</strong></td>
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<td></td>
<td>- <strong>ART 318M</strong></td>
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<td></td>
<td>- <strong>JMC 250</strong></td>
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</tbody>
</table>

**JMC 318** Writing for the Media 3

**JMC 414** Communications Law 3

**JMC 498** Multimedia Directed Study 1

Select 12 credit hours of the following: 12

- **JMC 300** Website Design
- **JMC 304** Interactive Media Design
- **JMC 401** Web Site Design II
- **ART 304** Computer Animation & 3D Modeling I
- **ART 355M** Web Design & Motion Graphics/Multimedia
- **CSIT 150**
- **CSIT 406**
- **CSIT 425**
- **CSIT 428** Data Communications and Distributed Processing
- **CSIT 458**
- **CSIT 350** Information Systems Concepts

Total Credit Hours 36

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

**Multimedia, Bachelor of Science**

Offered by Department of Communication (p. 190)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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<td></td>
<td><strong>Foundational Core (Written, Math, Oral, Democracy)</strong></td>
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<td></td>
<td><strong>Foundational Core Courses</strong> 12</td>
<td></td>
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<tr>
<td></td>
<td>- <strong>JMC 100</strong> Global Media Literacy</td>
<td></td>
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<tr>
<td></td>
<td>Portal</td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465) 3</td>
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<tr>
<td></td>
<td>Distribution</td>
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<tr>
<td></td>
<td>- <strong>ENG 101</strong> Introduction of Academic Writing 3</td>
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<td></td>
<td>Aesthetics (p. 460) 3</td>
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<td>Including:</td>
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<td></td>
<td>- <strong>ART 120</strong> Art Appreciation</td>
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<tr>
<td></td>
<td>Humanities (p. 464) 6</td>
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<td>Social Sciences (p. 465) 6</td>
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<td></td>
<td>Natural Sciences (p. 464) 7</td>
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<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460) 4</td>
<td></td>
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<tr>
<td></td>
<td>Including:</td>
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<td></td>
<td>- <strong>CSIT 130</strong></td>
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<tr>
<td></td>
<td>Wellness (p. 466) 0</td>
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<td></td>
<td><strong>Capstone</strong></td>
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<td></td>
<td>Select one course numbered 388 (p. 461) 3</td>
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<tr>
<td></td>
<td><strong>BA Language requirement</strong></td>
<td></td>
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<tr>
<td></td>
<td>Complete all required courses 1 6</td>
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</tr>
</tbody>
</table>

**Major Option**

Complete all required courses 36

**Minor or 2nd Major**

Complete all required courses 24

**Unrestricted electives**

Needed to reach 120 credit hour minimum 7

Total Credit Hours 120

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
Organizational and Relational Communication Comprehensive, Bachelor of Science

Offered by Department of Communication (p. 190)


### Communication Requirements

Select one of the following options: 9

#### Organizational Communication
- SPCH 301 Introduction to Organizational Communication
- SPCH 451 Leadership Communication
- SPCH 452 Advanced Organizational Communication

#### Relational Communication
- SPCH 300 Interpersonal and Relational Communication
- SPCH 450 Language and Social Change
- SPCH 454 Intercultural Communication

#### Speech Electives
Select 6 credit hours of the following: 6
- SPCH 200-SPCH 499

### Organizational and Relational Communication Support Track
Select 12 credit hours in a support track area in consultation with advisor. 12

Total Credit Hours 45

### Organizational and Relational Communication Support Track

Here are four sample support tracks that reflect a good grounding in a field:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JMC 215</td>
<td>News Writing &amp; Photography</td>
<td>3</td>
</tr>
<tr>
<td>JMC 302</td>
<td>Digital Storytelling</td>
<td>3</td>
</tr>
<tr>
<td>JMC 309</td>
<td>Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>JMC 409</td>
<td>Public Relations Strategy</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Public Relations

- JMC 215 News Writing & Photography 3
- JMC 302 Digital Storytelling 3
- JMC 309 Public Relations 3
- JMC 409 Public Relations Strategy 3

#### Human Interaction

- SOC 275 Social Psychology 3
- SOC 300 Sociological Theory 3
- SOC 420 Race and Minority Relations 3
- PSY 410 Industrial Psychology 3

#### General Business

- BSAD 295 Business Communications 3
- MGT 301 Principles of Management 3
- MKT 300 Principles of Marketing 3
- MKT 331 Professional Selling 3

#### Spanish

- SPAN 200 Intermediate Spanish I 3
- SPAN 201 Intermediate Spanish II 3
- SPAN 205 Culture, Conversation and Composition 3
- SPAN 304 Advanced Conversation and Composition 3

### Speech/Theatre (Elementary Education) Minor

Offered by Department of Communication (p. 190)

This course of study is only available to students seeking an Elementary Education Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>SPCH 340</td>
<td>Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>THEA 235</td>
<td>Creative Dramatics</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 3 credit hours of the following: 3
- SPCH 222 Oral Interpretation of Literature
- THEA 222 Oral Interpretation of Literature
- THEA 225 Acting I

#### Electives

Select 3 credit hours of the following: 3
- THEA 237 Children's Theatre
- THEA 423 Advanced Theatre Practicum
- THEA 480 Play Direction

### Professional Communication Minor

Offered by Department of Communication (p. 190)

### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

- Foundational Core courses (p. 460) 12

Including:

### Speech/Theatre (Elementary Education) Minor

Offered by Department of Communication (p. 190)

This course of study is only available to students seeking an Elementary Education Endorsement

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</table>

Select 3 credit hours of the following: 3
- SPCH 222 Oral Interpretation of Literature
- THEA 222 Oral Interpretation of Literature
- THEA 225 Acting I

#### Electives

Select 3 credit hours of the following: 3
- THEA 237 Children's Theatre
- THEA 423 Advanced Theatre Practicum
- THEA 480 Play Direction

### Sports Communication, Bachelor of Arts

Offered by Department of Communication (p. 190)

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<th>Credit Hours</th>
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</thead>
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<tr>
<td>SPCH 340</td>
<td>Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>THEA 235</td>
<td>Creative Dramatics</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 6 credit hours of the following: 6
- SPCH 200-SPCH 499

#### Electives

Select 3 credit hours of the following: 3
- THEA 237 Children's Theatre
- THEA 423 Advanced Theatre Practicum
- THEA 480 Play Direction

### Professional Communication Minor

Offered by Department of Communication (p. 190)

### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

- Foundational Core courses (p. 460) 12

Including:
Sports Communication, Bachelor of Science

JMC 100  Global Media Literacy

Portal
Select one course numbered 188 (p. 465)  3

Distribution
ENG 101  Introduction of Academic Writing  3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460)  3

Humanities (p. 464)  6

Social Sciences (p. 465)  6

Natural Sciences (p. 464)  7

Analytical and Quantitative Thought (p. 460)  0

Wellness (p. 466)  0

Needed to reach 27 credit hour minimum in Distribution  2

Capstone
Select one course numbered 388 (p. 461)  3

BA Language requirement
Complete all required courses  1  6

Major Option
Complete all required courses  36

Minor or 2nd Major
Complete all required courses  2  24

Unrestricted electives
Needed to reach 120 credit hour minimum  9

Total Credit Hours  120

Students selecting a major in Sports Communication must earn a minimum 2.5 G.P.A. in the major.

Students selecting a major in Sports Communication must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

Major Option

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</table>

Sports Communication Core Requirements
JMC 112  Communication Software  3
JMC 230  Integrated Marketing Communications  3
JMC 414  Communications Law  3

Media Requirements
JMC 226  Audio Production & Announcing  3
JMC 250  Video Production Foundations  2
JMC 319  Sports Writing for the Media  3
JMC 329  Print Advertising Design  3
or JMC 330  Publication Design  3
JMC 339  Radio Workshop: Sports  2
JMC 353  Sports at Antelope  2

Organizational & Relational Communication Requirements
SPCH 370  Small Group Communication  3
SPCH 451  Leadership Communication  3

Sports Communication Option Requirements

Select one of the following options:  6

Option I
Capstone Experience
JMC 475  Internship in Mass Media (Select 2 credit hours of Internship.)
JMC 497  Senior Portfolio

Electives
Select 3 credit hours of the following:
JMC 220  Photojournalism
JMC 300  Website Design
JMC 309  Public Relations
JMC 406  Commentary and Blogging
SPCH 301  Introduction to Organizational Communication
SPCH 453  Interviewing

Option II
Capstone Experience
JMC 475  Internship in Mass Media (Select 3 credit hours of Internship.)
JMC 497  Senior Portfolio

Electives
Select 2 credit hours of the following:
JMC 220  Photojournalism
JMC 300  Website Design
JMC 309  Public Relations
JMC 343  Video at Antelope
JMC 406  Commentary and Blogging
SPCH 301  Introduction to Organizational Communication
SPCH 453  Interviewing

Total Credit Hours  36

For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Sports Communication, Bachelor of Science

Offered by Department of Communication (p. 190)

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
</table>

General Studies
Foundational Core (Written, Math, Oral, Democracy)
Foundational Core courses (p. 460)  12
Including:
JMC 100  Global Media Literacy

Portal
Select one course numbered 188 (p. 465)  3

Distribution
ENG 101  Introduction of Academic Writing  3
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Aesthetics (p. 460)</td>
<td>3</td>
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<tr>
<td>Humanities (p. 464)</td>
<td>6</td>
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<tr>
<td>Social Sciences (p. 465)</td>
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<tr>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
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<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
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<tr>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
<td>2</td>
</tr>
</tbody>
</table>

Capstone

Select one course numbered 388 (p. 461) 3

BS Science-related course requirements

Select one of the following:
- Select 6 credit hours of General Studies Analytical and Quantitative Thought courses
- Select 2 General Studies lab courses in Natural Sciences

Major Option

Complete all required courses 36

Minor or 2nd Major

Complete all required courses 1 24

Unrestricted electives

Needed to reach 120 credit hour minimum 15

Total Credit Hours 120-123

Students selecting a major in Sports Communication must earn a minimum 2.5 G.P.A. in the major.

Students selecting a major in Sports Communication must compile evidence of achievement particular to their chosen career field. Students will present this portfolio and discuss its contents with a Faculty Portfolio Committee in the semester prior to their graduation.

Option I

Capstone Experience

JMC 475 Internship in Mass Media (Select 2 credit hours of Internship.)

JMC 497 Senior Portfolio

Electives

Select 3 credit hours of the following:
- JMC 220 Photojournalism
- JMC 300 Website Design
- JMC 309 Public Relations
- JMC 406 Commentary and Blogging
- SPCH 301 Introduction to Organizational Communication
- SPCH 453 Interviewing

Option II

Capstone Experience

JMC 475 Internship in Mass Media (Select 3 credit hours of Internship.)

JMC 497 Senior Portfolio

Electives

Select 2 credit hours of the following:
- JMC 220 Photojournalism
- JMC 300 Website Design
- JMC 309 Public Relations
- JMC 343 Video at Antelope
- JMC 406 Commentary and Blogging
- SPCH 301 Introduction to Organizational Communication
- SPCH 453 Interviewing

Total Credit Hours 36

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Department of Communication Disorders

Department Objectives

- To provide education in the field of communication disorders. This program provides the necessary sequence of courses to obtain licensure and/or become endorsed as a speech/language pathologist upon completion of a Master’s Degree;
- To offer a minor.

Information for Students Seeking Teaching Endorsements

Upon admission to teacher education, candidates requesting a communication disorders major, supplemental endorsement, or minor in communication disorders (p. 207) should file a program with the Communication Disorders Department for approval. Requirements for admission to student teaching in the endorsed areas are consistent with those recommended by the College of Education (p. 409).
The Speech, Language, and Hearing Clinic

Professional preparation in speech/language pathology requires clinical experience with children and adults who have been referred to the clinic for speech/language and hearing assessment and/or treatment. This program provides an opportunity to study, in a practical setting, the application of skills and techniques learned in the academic program. The clinic provides an integral part of the initial educational program in speech/language pathology.

Communication Disorders Major

One option is available in this major:

Communication Disorders Comprehensive (p. 206) - Bachelor of Science in Education Degree

A minor in Communication Disorders (p. 207) is available.

Miechelle McKelvey, Chair
Professor: Miechelle McKelvey, Jan Moore
Assistant Professor: Whitney Schneider-Cline, Philip Lai, Ladan Ghazi Saidi

Lecture: Laura Moody, Jill Wilson, Denise Wolfe

Communication Disorders (CDIS)

CDIS 110 – Articulation for Non-Native Speakers of English 1 credit hour
Designed for students with limited English proficiency. Provides practice in pronunciation of American English and comprehension and use of conversational language, including idioms, slang, homonyms, prepositions, vocabulary, grammar, and rules of discourse. Individual assistance will be arranged. May be taken up to 3 times.
Total Credits Allowed: 3.00

CDIS 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

CDIS 210 – Survey of Communication Disorders 3 credit hours
Nature, causes and treatment of communication disorders as an educational field for Communication Disorders majors, special education and elementary education majors, and others who desire a knowledge of communication disorders, speech/language pathology and audiology as professional disciplines. This course is not recommended for first semester freshmen. Prerequisite for other speech pathology courses. Observation hours required.

CDIS 215 – Introduction to Phonetics 3 credit hours
Vocal mechanism and the International Phonetic Alphabet. Designed to develop skill in the use of IPA and in the analysis of defective speech sounds.

CDIS 252 – Anatomy & Physiology of the Speech Mechanism 3 credit hours
Study of the anatomy and physiology of the speech mechanism.

CDIS 261 – Normal Language Development 3 credit hours
This course provides an introduction to and exploration of the processes by which humans acquire and use spoken and written language, including comprehension, expression, and development (progression & growth). This course is primarily for CDIS majors.

CDIS 311 – Clinical Methods and Procedures in Communication Disorders 3 credit hours
Familiarizes students with basics of clinical interaction including observation skills, rapport, behavioral objectives, recording progress, and report writing. Provides a basis for accruing 25 clock hours of clinical observation.
Prerequisite: CDIS 210 and CDIS 354 or CDIS 362.
Corequisite: CDIS 312 and TE 319.

CDIS 312 – Field Experience in Communication Disorders 1 credit hour
This field-based experience is designed to meet the clinical observation requirement of the American Speech-Language-Hearing Association (ASHA) for majors in communication disorders. In addition this experience partially fulfills the state of Nebraska field experience requirement for students obtaining a teaching certificate.
Total Credits Allowed: 2.00
Prerequisite: CDIS 210

CDIS 321 – Early Communicative Development for the Teacher 2 credit hours
This is a study of normal and abnormal language development, covering the period from birth through eight years of age. The course addresses normal speech and language development, types of language disorders and why/how the disorders develop. Procedures for identifying infants, toddlers and children as being at risk for developing communication will be discussed.

CDIS 323 – Introduction to Infant Testing 1 credit hour
This course provides an introduction to diagnostic principles, procedures and tools used in assessment of infants.

CDIS 335 – Speech and Hearing Science 3 credit hours
Introduction to the process of human speech communication. Acoustic and physiological aspects of speech production, hearing, and speech perception are presented along with an overview of instrumentation in speech pathology and audiology.
Prerequisite: CDIS 210 and CDIS 252

CDIS 350 – The Psychology of Speech/Language Pathology 3 credit hours
A study of psychological factors in human communication, in disturbed communication, in evaluation and therapy.
Prerequisite: CDIS 210 and PSY 203

CDIS 352 – Normal and Disordered Language: 6-12 Years 3 credit hours
This class is an introduction to language/learning acquisition, three levels of cognitive or meaning organization and the notion that language is a tool that represents learning. The course is designed to facilitate students’ understanding that language acquisition is basic. Guidelines and strategies to be used by classroom teachers and speech/language pathologists to facilitate students’ learning and to compensate for individual differences in learning will be presented. Course covers identification, assessment, and intervention. For non-majors only.
CDIS 354 – Preschool Language Disorders 3 credit hours
This course explores the nature and characteristics of language disorders in preschool-age children, birth to age 8 years. General principles of language assessment and intervention are presented. Observation hours required.
Prerequisite: CDIS 261

CDIS 356 – Adolescent Language and Communication Disorders 2 credit hours
Study of normal and disordered communication skills of adolescents. Identification and assessment procedures. Classroom and clinical management. Observation hours required.
Prerequisite: CDIS 261

CDIS 362 – Articulation Disorders 3 credit hours
A presentation of principles and procedures for identification, assessment, and treatment of persons with articulation disorders. Observation or practicum hours required.
Prerequisite: Completion of or concurrent enrollment in CDIS 215.

CDIS 363 – Methods for Language Disorders 3 credit hours
This course provides insight into strategies that educators may find helpful in working with school-aged students who exhibit language-learning differences. This course is not for Communication Disorders majors.
Prerequisite: CDIS 261

CDIS 366 – Adult Communication Disorders 2 credit hours
This course provides an overview of communication disorders in adult and geriatric populations. The course will introduce students to the etiologies underlying adult communicative disorders and general characteristics of the various disorders that include hearing loss, stroke, dementia, laryngectomy, degenerative and neurological disorders, etc.
Prerequisite: CDIS 252 and junior standing

CDIS 410 – Introduction to Audiology 3 credit hours
Basic kinds of audiometric testing, disorders, anatomy, and functioning of the ear. Observation of hearing evaluations and administration of pure tone audiometric tests is required.
Prerequisite: CDIS 335

CDIS 413 – American Sign Language I 3 credit hours
Performance course dealing with the expressive and receptive aspects of basic sign language. Designed for persons working with the hearing disabled, nonverbal, or non-communicating individual.
Prerequisite: CDIS 261

CDIS 415 – Aural Rehabilitation 3 credit hours
Study of the objectives and techniques for working with individuals with hearing loss.
Prerequisite: CDIS 210 and CDIS 410

CDIS 416 – American Sign Language II 3 credit hours
This course will provide intermediate instruction in sign language, both Signed English (SEE) and American Sign Language (ASL). Issues of deaf culture will be addressed.
Prerequisite: CDIS 413

CDIS 420 – Research in Communication Disorders 3 credit hours
This course is designed to help students of communication disorders to become critical readers of research in the field and to demonstrate the relevance of basic and applied research for evaluation and therapy in speech-language pathology and audiology. The course will include research strategies and research design in communication disorders in addition to measurement issues and organization and analysis of data.
Prerequisite: Senior level standing.

CDIS 433 – Clinical Practicum in Audiology 1 credit hour
Experience in administration and interpretation of clinical assessment methods used in diagnostic audiology. Recommended for students considering a career in audiology. May be repeated.
Prerequisite: CDIS 410 or permission of instructor.

CDIS 440 – Augmentative/Alternative Communication 3 credit hours
A course for those interested in communication options for persons who are unable to meet their daily communication needs through natural modes such as speech, gestures, or handwriting. Provides an overview of assessment, available technologies and procedures used.
Department Consent Required
Prerequisite: Junior standing

CDIS 460 – Independent Study and Research 1-3 credit hours
Investigation of selected problems or topics on an individual basis. Designed to serve students in Communication Disorders who desire additional study in their chosen areas of expertise.
Department Consent Required
Total Credits Allowed: 3.00

CDIS 470 – Professional Issues in Speech/Language Pathology 3 credit hours
Prepares students for employment as speech/language pathologists. Provides information relative to federal and state guidelines by which the practice of speech-language pathology is governed. Addresses rights and responsibilities of speech/language pathologists. Gives information about work settings including public schools, hospitals and other clinical facilities.
Prerequisite: Senior standing

CDIS 480A – Clinical Practicum in Speech/Language Pathology 2 credit hours
Supervised experience in assessment and treatment of communication disorders. May be repeated two semesters to accumulate a minimum of 50 hours of clinical practicum.
Department Consent Required
Additional Course Fee Required

CDIS 480B – Clinical Practicum in Speech/Language Pathology 2 credit hours
Supervised experience in assessment and treatment of communication disorders. May be repeated two semesters to accumulate a minimum of 50 hours of clinical practicum.
Prerequisite: CDIS 311 and CDIS 336 and CDIS 362
Additional Course Fee Required

CDIS 480C – Clinical Practicum in Speech/Language Pathology 2 credit hours
Supervised experience in assessment and treatment of communication disorders. May be repeated two semesters to accumulate a minimum of 50 hours of clinical practicum.
Prerequisite: CDIS 311 and CDIS 336 and CDIS 362
Additional Course Fee Required

CDIS 488 – Senior Seminar 3 credit hours
This course is designed in the traditional research seminar format. The student is expected to develop and demonstrate clear analytical thinking and competence in oral and written communication of findings from the professional literature on topics of relevance to the profession of speech language pathology.
Prerequisite: Senior standing
CDIS 498 – Special Topics 1-3 credit hours
Topics concerning current developments in speech/language pathology. The approach will vary depending upon the topic, the instructor, and the needs of students. (May be taken twice.)
Total Credits Allowed: 6.00

Communication Disorders Comprehensive, Bachelor of Science in Education

Offered by Department of Communication Disorders (p. 203)

Note: Licensure, teacher certification, and ASHA certification require a Master of Science in Education degree with a Speech-Language Pathology Major.

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</table>

General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 12

Including:

- ENG 102 Academic Writing and Research
- SPCH 100 Fundamentals of Speech Communication
- TE 100 Teaching in a Democratic Society

Select one of the following:

- MATH 102 College Algebra
- MATH 103 Plane Trigonometry
- MATH 120 Finite Mathematics
- MATH 123 Applied Calculus I

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

- ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- Aesthetics (p. 460) 3
- Humanities (p. 464) 6

- Social Sciences (p. 465) 6

Including:

- PSCI 110 Introduction to American Politics
- PSY 203 General Psychology

- Natural Sciences (p. 464) 8

Including:

- BIOL 103 General Biology

Select one of the following:

- CHEM 145 Introductory Chemistry
- CHEM 150 Introduction to Organic and Biochemistry
- CHEM 160 & 160L General Chemistry and General Chemistry Laboratory
- PHYS 205 & 205L General Physics I and Physics I Laboratory

- Analytical and Quantitative Thought (p. 460) 0
- Wellness (p. 466) 3

**Capstone**

Select one course numbered 388 (p. 461) 3

**Professional Sequence**

- TE 204 Growth & Development/Introduction to Exceptionalities 4
- TE 206 Instructional Technology and the Preservice Teacher 3
- TE 306 Reading and Inclusion in K-12 Classrooms 2
- TE 319 Management and Assessment in K-12/Secondary Classrooms 2

**Major Option**

Complete all required courses 62

Total Credit Hours 120

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</table>

**Communication Disorders Core Requirements**

- CDIS 210 Survey of Communication Disorders 3
- CDIS 215 Introduction to Phonetics 3
- CDIS 252 Anatomy & Physiology of the Speech Mechanism 3
- CDIS 261 Normal Language Development 3
- CDIS 311 Clinical Methods and Procedures in Communication Disorders 3
- CDIS 312 Field Experience in Communication Disorders 1
- CDIS 335 Speech and Hearing Science 3
- CDIS 354 Preschool Language Disorders 3
- CDIS 356 Adolescent Language and Communication Disorders 2
- CDIS 362 Articulation Disorders 3
- CDIS 406 Adult Communication Disorders 2
- CDIS 410 Introduction to Audiology 3
- CDIS 415 Aural Rehabilitation 3
- CDIS 420 Research in Communication Disorders 3
- CDIS 470 Professional Issues in Speech/Language Pathology 3
- CDIS 488 Senior Seminar 3
- PSY 230 Human Development 3
- PSY 250 Behavioral Statistics 4

**Professional Electives**

Select 9 credit hours of the following: 9

- CDIS 413 American Sign Language I
- CDIS 416 American Sign Language II
- CDIS 480A Clinical Practicum in Speech/Language Pathology
- BIOL 110 Introduction to Epidemiology
- BIOL 325 Medical Terminology
- CSP 417 Counseling Skills
- CSP 418 Introduction to Counseling and Social Advocacy
Communication Disorders Minor

Offered by Department of Communication Disorders (p. 203)

The minor in Communication Disorders provides basic information about human communication development and disorders. It is appropriate for students majoring in elementary and special education, psychology, human development, and social work. An individual with a minor in Communication Disorders cannot be employed as a speech-language pathologist, audiologist, or speech-language pathology assistant.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CDIS 210</td>
<td>Survey of Communication Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 252</td>
<td>Anatomy &amp; Physiology of the Speech Mechanism</td>
<td>3</td>
</tr>
<tr>
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<td>Normal Language Development</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 354</td>
<td>Preschool Language Disorders</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 406</td>
<td>Adult Communication Disorders</td>
<td>2</td>
</tr>
</tbody>
</table>

Electives

Select 10 credit hours with approval of Communication Disorders faculty:

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
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<td>CDIS 215</td>
<td>Introduction to Phonetics</td>
<td>3</td>
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<tr>
<td>CDIS 335</td>
<td>Speech and Hearing Science</td>
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</tr>
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<td>Articulation Disorders</td>
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</tr>
<tr>
<td>CDIS 410</td>
<td>Introduction to Audiology</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 413</td>
<td>American Sign Language</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 415</td>
<td>Aural Rehabilitation</td>
<td>3</td>
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</tbody>
</table>

Total Credit Hours 24

1. Students must apply for admission to all Teacher Education programs (p. 404).
2. Must be taken concurrently with CDIS 311 and CDIS 312.
3. See advisor for approved topic.

Department of Counseling and School Psychology

This department offers degrees at the graduate level (http://catalog.unk.edu/graduate/departments/counseling-school-psychology) only.

At UNK Department of Counseling and School Psychology, we are personally invested in the future success of undergraduate and graduate students and their careers. Undergraduate students who desire to have knowledge of mental health, chemical dependency and treatment, interpersonal communication skills, or to learn more about the role and practice of counselors or school psychologists have a variety of courses to choose from including:

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>CSP 188</td>
<td>GS Portal</td>
<td>3</td>
</tr>
<tr>
<td>CSP 404</td>
<td>Counseling &amp; Mental Disorders</td>
<td>2</td>
</tr>
<tr>
<td>CSP 407</td>
<td>Clinical Treatment Issues in Addictions Counseling</td>
<td>3</td>
</tr>
<tr>
<td>CSP 408</td>
<td>Assessment, Case Planning &amp; Management of Addictions</td>
<td>3</td>
</tr>
<tr>
<td>CSP 409</td>
<td>Medical &amp; Psychosocial Aspects of Addictions</td>
<td>3</td>
</tr>
<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td>CSP 418</td>
<td>Introduction to Counseling and Social Advocacy</td>
<td>3</td>
</tr>
</tbody>
</table>

The school psychology program is accredited by the National Association of School Psychologists (NASP) as of January 1, 1994 and the International School Psychology Association (ISPA) as of May 12, 2011.

The school psychology and school counseling programs are approved by Nebraska State Department of Education and the Council for the Accreditation of Educator Preparation (CAER formerly NCATE) affiliated.

The clinical mental health counseling program is accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP) as of April 1, 2000 and CACREP’s international affiliate, the International Registry of Counselor Education Programs (IRCEP) as of February 11, 2011. This program also meets the academic requirements for the Mental Health Practitioner License (LMHP) regulated by the State of Nebraska Department of Health and Human Services (DHHS).

Grace Mims, Chair

Professor: David Hof, Grace Mims, Matthew Mims, Tammi Ohmstede

Associate Professor: Christine Chasek, Douglas Tillman

Assistant Professor: Marissa Fye, Jennifer Joy

Lecturer: Danielle Nguyen
Counseling and School Psychology (CSP)

CSP 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Prerequisite: First year freshman standing or sophomore standing only.

CSP 404 – Counseling & Mental Disorders 2 credit hours
This course provides an orientation to the various abnormal behaviors and mental disorders that may be encountered in students/clients by counselors, athletic trainers, school psychologists, and student affairs personnel. It introduces medical model terminology, symptomology of disorders, and current treatments associated with the various disorders.

CSP 407 – Clinical Treatment Issues in Addictions Counseling 3 credit hours
This course is intended to meet the requirements for licensure as a Licensed Alcohol and Drug Counselor as 45 hours of clinical treatment issues in chemical dependency. The student will receive education such as the study of treatment issues specific to chemical dependency including denial, resistance, minimization, family dynamics, relapse, cross-addiction, co-occurring disorders, spirituality, and influences of self-help groups. The education will include studying chemical dependency clinical treatment needs of individuals taking into consideration gender, culture, and lifestyle.

CSP 408 – Assessment, Case Planning & Management of Addictions 3 credit hours
This course addresses the process of collecting pertinent data about client or client systems and their environment and appraising the data as a basis for making decisions regarding alcohol/drug disorder diagnosis and treatment and/or referral. Instruction on coordinating and prioritizing client treatment goals and working with other services, agencies and resources to achieve those treatment goals are included. The course addresses practice in assessing and managing a case including the development of sample case records and utilizing the written client record to guide and monitor services with emphasis on the development of the social history and intake, initial assessment, individual treatment plan with measurable goals and objectives, documentation of progress and ongoing assessment. Confidentiality of client information and records as defined in 42 CFR Part 2 shall be addressed. The strengths and weaknesses of various levels of care and the selection of an appropriate level for clients are studied. Basic information on two or more objective assessment instruments are studied for alcohol/drug disorders including the Substance Abuse Subtle Screening Inventory (SASSI), Addiction Severity Index (ASI), and the Western Personality Inventory. This course meets the requirements for licensure as a Licensed Drug and Alcohol Counselor as 30 hours of alcohol/drug assessment, case planning and management.

CSP 409 – Medical & Psychosocial Aspects of Addictions 3 credit hours
This course addresses the physiological, psychological and sociological aspects of alcohol/drug use, abuse and dependence. The classifications and basic pharmacology of drugs, basic physiology and the effects of drug use on the systems of the human body and alcohol and drug tolerance are discussed. The course also includes the etiological, behavioral, cultural and demographical aspects and belief systems about alcohol/drug use along with the processes of dependence and addiction including signs, symptoms and behavior patterns. This course meets the requirements for licensure as a Licensed Drug and Alcohol Counselor as 45 hours of medical and psychosocial aspects of alcohol/drug use, abuse and addiction.

CSP 410 – Psychology of Classroom Discipline 3 credit hours
Study of current models of classroom management psychology emphasizes the importance of teacher personality and interactive style in relation to classroom environment. A major focus is on the quality of the teacher/student relationship and kinds of interaction which enhance motivation and learning.

CSP 417 – Counseling Skills 3 credit hours
This class is for those entering or already in one of the helping professions. It focuses on understanding and applying a broad range of listening and communication skills in one-to-one interactions as well as in small group settings. Students actively practice building skills in class.

CSP 418 – Introduction to Counseling and Social Advocacy 3 credit hours
This course is designed to introduce the student to the broad field of counseling and to provide an orientation to counseling as a helping profession. A knowledge base related to the characteristics and training of effective counselors as well as a description of clients who enter counseling is the content foundation of this course. This involves both information and experience focused on the nature of helping relationship and the skills, attitudes, and beliefs involved in developing and maintaining this relationship. Finally, the therapeutic benefits to the client are explored.

CSP 420 – Learning from Children 3 credit hours
This course provides opportunity to study teaching/learning interactions in which the teacher is a child and the learner is an adult. There is direct observations of child/adult interactions, a brief study of class members’ recollections of their own childhoods, and a study of neotenous (childlike) adults. The course will be graded credit/no credit, undergraduate/graduate credit.

CSP 441 – Special Topics 1-3 credit hours
This course addresses current issues related to counseling and school psychology. The course format varies depending on subject matter, instructor and student needs.
Total Credits Allowed: 8.00

CSP 499 – Independent Study 1-2 credit hours
The student along with an advisor from the department will select an appropriate topic to be studied. Total Credits Allowed: 2.00

Department of Criminal Justice

Department Objectives

• To provide a broad academic and multidisciplinary background for students majoring in Criminal Justice;
• To prepare students of high character and ethical standards for leadership positions within the employment areas of law
enforcement, corrections, probation, parole, private security, and the courts;
- To assist students in gaining employment within criminal justice and related career fields;
- To cultivate in students a realistic awareness of present and historical trends of crime and criminal methodology;
- To stimulate an awareness of deviant and abnormal human behavior of concern to criminal justice practitioners;
- To acquaint students with current literature and research pertaining to the administration of justice.

General Information
At least 15 credit hours (5 courses) of upper division credit in criminal justice must be taken from UNK.

Criminal Justice Major
Two options are available in this major:

1. Criminal Justice Comprehensive (p. 211) - Bachelor of Science Degree
2. Criminal Justice (p. 213) - Bachelor of Science Degree

The Criminal Justice (p. 213) minor is available for students pursuing majors in other disciplines.

Julia Campbell, Chair
Professor: Beth Wiersma
Associate Professor: Julia Campbell
Assistant Professor: Timbre Wulf-Ludden
Lecturer: Kyle Harshbarger

Criminal Justice (CJUS)

CJUS 101 – Introduction to Criminal Justice  3 credit hours
This course is intended to provide a broad understanding of the functional components of the criminal justice system and their interrelationship. It will also provide a basic understanding of the American crime problem.

CJUS 102 – Crime, Democracy and Justice  3 credit hours
This course is intended to provide a broad understanding of the American criminal justice system. This course will evaluate the evolution of criminal justice in the United States, with particular attention paid to the role that individual rights play in democracy and justice.

CJUS 103 – Orientation to Criminal Justice  1 credit hour
This course provides a review of academic, professional and career planning issues of a criminal justice major. Offered only as credit/no credit.
Prerequisite: CJUS 101

CJUS 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

CJUS 201 – The Juvenile Justice System  3 credit hours
This course is intended to introduce various components that comprise the juvenile justice system. Topics will include juvenile courts, role modeling, interaction between youth and the juvenile justice system, and the future of the juvenile justice system.
Prerequisite: CJUS 101

CJUS 215 – Correctional Services and Systems  3 credit hours
This course covers the historical development of corrections leading to an analysis of our correctional process and systems in contemporary America.
Prerequisite: CJUS 101

CJUS 230 – The Police Service  3 credit hours
This course is intended to introduce students to the major developments and problems in policing. Topics will include rights and responsibilities of the uniformed officer, patrol and manpower distribution theories, police unionism, ethics and corruption, community relations, and the police subculture as a distinct value system.
Prerequisite: CJUS 101

CJUS 250 – Criminal Justice Research Methods I  3 credit hours
A course intended to give students an introduction to research methods in the field of criminal justice. Topics will include ethics in social science research, research design, and program evaluation.
Prerequisite: STAT 235 or STAT 241

CJUS 310 – Community Based Corrections  3 credit hours
This course is concerned with correctional theory and practice as they are applied in the community setting. Specific areas of concern are probation, parole, diversion, and nontraditional community correctional programs. The application of community resources and responsibilities with the needs of offenders in the criminal justice system is a primary focus of the course. Some contrasts and comparisons are made with the institutional correctional setting.
Prerequisite: CJUS 215

CJUS 315 – Victimology; Victims of Crime  3 credit hours
This course is designed to introduce the students to the overall problems dealing with victimization. Areas covered will include homicide, child abuse and neglect, rape, spouse abuse, abuse to the elderly, and other victimizations along with the post traumatic stress involved. The philosophy, history, and objectives of victimology will be reviewed in additions to the Victims’ Rights Movement and research findings about victims. This course is designed to assist students in relating to victims of crime in a professional manner.
CJUS 321 – Technology in Criminal Justice  3 credit hours
This course is designed to introduce students to some of the major developments and issues in technology that are facing the criminal justice system. Students will explore topics such as cybercrime, digital investigation and evidence preservation, use of technology in the commission of sex crimes, fraud, hacking, terrorism, and the legal issues and statutes surrounding the use of technology in the commission of crime and in the investigation of crimes involving technology.
Prerequisite: CJUS 101

CJUS 326 – Theories of Crime and Criminal Law  3 credit hours
This course is intended to introduce students to the philosophical foundations of criminal law, as well as the various theories that have been proposed to address criminal offending and the prevention of crime. Students will evaluate each theory within the context of the crime and the criminal justice system in the United States.
Prerequisite: CJUS 101

CJUS 340 – Criminal Evidence, Procedure and the Courts  3 credit hours
The emphasis of this course will be on the concept of evidence and the rules governing its admissibility. There will also be theoretical and pragmatic considerations of constitutional requirements affecting evidence and procedure.
Prerequisite: CJUS 101

CJUS 345 – Criminal Law  3 credit hours
Examines the foundation and elements of criminal law. Special emphasis is placed upon the definition of crime, criminal liability, defenses to criminal liability and the sanctions for committing crime.
Prerequisite: CJUS 101

CJUS 350 – Organized Crime  3 credit hours
Designed to examine the different organized criminal elements in American society. This examination will include their economic effect on society, law enforcement efforts to minimize that effect, the major criminal areas involved in their day-to-day operations, and the historical development of the criminal groups as they exist today.
Prerequisite: CJUS 101

CJUS 353 – Crime Prevention and Security  3 credit hours
Concerned with the security and safety of communities, businesses, and individuals. It emphasizes the needs for citizen involvement, private industry and business participation, educational programs, in cooperation with criminal justice agencies.
Prerequisite: CJUS 101

CJUS 355 – Family Law  3 credit hours
This course will examine the legal issues and principles, and the concepts and procedures that are used to support, enforce and rule on questions related to the legal concepts of family, marriage, custody of children, and the resulting public policy.
Prerequisite: CJUS 101

CJUS 360 – Sex Crimes  3 credit hours
This course is designed to introduce the students to the growing problem of sex crimes. Areas covered will include prostitution, the role of fantasy in sex crimes, pornography, Internet related sex crimes, sex trafficking and tourism, pedophilia, dangerous sex crimes, and rape. Related laws, typologies of offenders, profiling offenders, and evidence collection will also be discussed.

CJUS 370 – Women and Crime  3 credit hours
The study of gender criminology, female offenders, and the incarceration and treatment of offending women; an examination of female victims of male violence including battering, stalking, and sexual victimization; an evaluation of women working in the criminal justice field, their employment and promotion rates, gender discrimination, and safety on the job.

CJUS 375 – Comparative Criminal Justice Systems  3 credit hours
An examination of selected non-American criminal justice systems. Specific areas of comparison will include but not be limited to, the police, judiciary, and criminal corrections, of selected foreign systems.

CJUS 380 – Minorities and Criminal Justice  3 credit hours
This course provides a survey of minority relations and criminal justice adjudication in America (law enforcement, judicial processing and corrections). Particular attention is focused on majority/minority relations and how these sentiments are reflected within the criminal justice process. While many minority groups will be examined, three will be emphasized: (1) racial minorities; (2) female victims and offenders; and (3) unique white ethnic subcultures.

CJUS 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

CJUS 388L – GS Capstone Lab  1 credit hour
Corequisite: CJUS 388.

CJUS 390 – Criminal Investigation  3 credit hours
Deals with the following fundamental procedures of criminal investigation: Crime scene search and recording; collection and preservation of physical evidence; scientific evaluation; modus operandi; sources of information; interviews and interrogations; and case preparation.
Prerequisite: CJUS 230
Additional Course Fee Required

CJUS 401 – Special Topics  1-3 credit hours
Concerned with current issues and developments in the criminal justice field. Each semester a topic will be chosen as the subject for inquiry. It is designed for students who wish to explore current issues and broaden their exposure to important and timely issues in criminal justice. This course may be repeated to a maximum of 12 hours.
Total Credits Allowed: 12.00
Prerequisite: CJUS 101 or permission of instructor

CJUS 405 – Criminal Justice Research Methods II  3 credit hours
A course intended to give students an applied research experience in the field of criminal justice.
Prerequisite: CJUS 250
CJUS 411 – Readings in Criminal Justice 1-3 credit hours
An independent study course intended to supplement students’ understanding of the criminal justice system through selected readings in the field. This course may be repeated to a maximum of 6 hours.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Senior standing and permission of instructor and department chairperson.

CJUS 415 – Correctional Casework 3 credit hours
Designed to develop knowledge of specific treatment programs and to help students learn the role of correctional caseworkers as practiced in correctional agencies.
Prerequisite: CJUS 215

CJUS 420 – Supervision and Management in Criminal Justice 3 credit hours
This course introduces upper-level students to supervision and management concepts within criminal justice organizations. Students will learn how to employ sound principles of human relations and supervision techniques to be effective leaders.
Prerequisite: Junior standing

CJUS 430 – Drugs and the Criminal Justice System 3 credit hours
This course focuses on the historical and contemporary pattern of psychoactive drug use in the United States and on the development of criminal justice policies intended to reduce or eliminate drug use and/or drug problems. Specific topics include major types of psychoactive drugs, the War on Drugs, the international context of drug production and distribution, and personal and social problems resulting from drug use. A major focus of the course will be the evaluation of different criminal justice strategies for reducing drug-related problems.

CJUS 431 – Correctional Law and Administration 3 credit hours
This course is designed as an upper division class presenting the fundamental aspects of correctional law and a consideration of the impact of law on correctional administration. The course will provide the student the opportunity to examine the legal process, case law and the nature of litigation against correctional administrators and the impact of these actions on corrections. Recommended prior coursework: CJUS 215 and either CJUS 345 or PSCI 300.
Prerequisite: CJUS 215

CJUS 435 – Interviewing and Correctional Case Management 3 credit hours
This course is designed to develop student knowledge of specific interviewing techniques, case management and technical report writing as they apply to the fields of probation, parole, community corrections and correctional institutions. Specific emphasis will include the integration of assessment tools, interview results and community resources to formulate case management plans. This class emphasizes report writing and traditional written products as they relate to the corrections field.
Prerequisite: CJUS 310

CJUS 440 – Laws of Arrest, Search and Seizure 3 credit hours
An examination of state and federal American law concerning arrest, search and seizure. Emphasis on basic legal precedents developed by courts.
Prerequisite: CJUS 340

CJUS 445 – Sex Offender Supervision and Control 3 credit hours
This course examines the numerous social policies and laws used to treat and control sex offenders. Students will delve into the history, purpose and rationale, laws, legal challenges and court rulings, and the effectiveness of various policies of control.
Prerequisite: CJUS 215

CJUS 475 – Internship 5-9 credit hours
Designed to give students on-the-job exposure to their areas of interest within the criminal justice system. Offered only as credit/no credit.
Department Consent Required
Total Credits Allowed: 12.00
Prerequisite: Junior or senior standing and permission of instructor and department chair

CJUS 476 – Terrorism and Crisis Negotiations 3 credit hours
This course is designed to introduce the students to the overall theories behind the use of terrorism to obtain a political objective and an overview of major terrorist organizations. Emphasis will be placed on the culture diversity within the United States and other countries. Specifically it will show the actions of different ethnic, culture and religious groups that have resorted to the use of terrorism because of government actions. This class will also discuss the primary methods of operational and counter actions taken by police and government agencies. A portion of the class will be devoted to the planning and conducting hostage negotiations and examining the psychological factors on both the hostage taker and hostage.

CJUS 480 – Senior Seminar: Professional Ethics and Career Development 3 credit hours
Graduating seniors must take this class in the school year they plan on graduating. This is a capstone course for the criminal justice program with and will include assessment methods. Emphasis of the course will be on ethics in the criminal justice profession and the continued development of skills that will aid in the student's career development.
Prerequisite: Senior standing
Additional Course Fee Required

CJUS 490 – Advanced Criminal and Crime Scene Investigations (CSI) 3 credit hours
This course is designed to present various advanced methods and theories of criminal investigation, crime scene process, and related areas of forensic science. More complex crimes not covered in CJUS 390 will be examined, with associated crime scene material presented. Additionally, criminal identification methods and investigative behavior in court will be presented.
Prerequisite: CJUS 390
Additional Course Fee Required

CJUS 499 – Independent Study 1-3 credit hours
An examination in depth of specific areas of the criminal justice system, with emphasis on the special roles of related agencies and disciplines.
Department Consent Required
Prerequisite: Senior standing and permission of instructor and department chair.

Criminal Justice Comprehensive, Bachelor of Science
Offered by Department of Criminal Justice (p. 208)
**General Studies**

*Foundational Core (Written, Math, Oral, Democracy)*

- Foundational Core courses (p. 460) 12
- Including:
  - STAT 235 Introduction to Statistics for Social Sciences
  - or STAT 241 Elementary Statistics

*Portal*

- Select one course numbered 188 (p. 465) 3

*Distribution*

- ENG 101 Introduction to Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- Aesthetics (p. 460) 3
- Humanities (p. 464) 6
- Social Sciences (p. 465) 9

Including:

- PSCI 110 Introduction to American Politics
- SOC 100 Introduction to Sociology
- PSY 203 General Psychology
- or PSY 230 Human Development

*Natural Sciences (p. 464)* 7

- Analytical and Quantitative Thought (p. 460) 0
- Wellness (p. 466) 0

*Capstone*

- Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**

- Complete all required courses 0

**Major Option**

- Complete all required courses 58

**Unrestricted electives**

- Needed to reach 120 credit hour minimum 16

**Total Credit Hours** 120

A grade of "C" or above is required for all courses in this major.

At least 15 credit hours (5 courses) of upper division credit in Criminal Justice must be taken from UNK.

**Major Option**

*Code* | *Title* | *Credit Hours*
--- | --- | ---
CJUS 101 | Introduction to Criminal Justice | 3
CJUS 103 | Orientation to Criminal Justice | 1
CJUS 215 | Correctional Services and Systems | 3
CJUS 230 | The Police Service | 3
CJUS 326 | Theories of Crime and Criminal Law | 3
CJUS 340 | Criminal Evidence, Procedure and the Courts | 3
CJUS 480 | Senior Seminar: Professional Ethics and Career Development | 3
CJUS 250 | Criminal Justice Research Methods I | 3
or SOWK 440 | Fundamentals of Research in Social Welfare | 3
CJUS 475 | Internship | 6-9

**Criminal Justice Comprehensive Criminal Justice Electives**

Select 21 credit hours of the following: 21

- CJUS 201 | The Juvenile Justice System |
- CJUS 310 | Community Based Corrections |
- CJUS 315 | Victimology: Victims of Crime |
- CJUS 321 | Technology in Criminal Justice |
- CJUS 345 | Criminal Law |
- CJUS 350 | Organized Crime |
- CJUS 353 | Crime Prevention and Security |
- CJUS 355 | Family Law |
- CJUS 360 | Sex Crimes |
- CJUS 370 | Women and Crime |
- CJUS 375 | Comparative Criminal Justice Systems |
- CJUS 380 | Minorities and Criminal Justice |
- CJUS 390 | Criminal Investigation |
- CJUS 401 | Special Topics |
- CJUS 405 | Criminal Justice Research Methods II |
- CJUS 411 | Readings in Criminal Justice |
- CJUS 415 | Correctional Casework |
- CJUS 420 | Supervision and Management in Criminal Justice |
- CJUS 430 | Drugs and the Criminal Justice System |
- CJUS 431 | Correctional Law and Administration |
- CJUS 435 | Interviewing and Correctional Case Management |
- CJUS 440 | Laws of Arrest, Search and Seizure |
- CJUS 445 | Sex Offender Supervision and Control |
- CJUS 476 | Terrorism and Crisis Negotiations |
- CJUS 490 | Advanced Criminal and Crime Scene Investigations (CSI) |
- CJUS 499 | Independent Study |

**Criminal Justice Comprehensive Social Science Electives**

Select 9 credit hours of the following: 9

- CSP 404 | Counseling & Mental Disorders |
- CSP 407 | Clinical Treatment Issues in Addictions Counseling |
- CSP 408 | Assessment, Case Planning & Management of Addictions |
- CSP 417 | Counseling Skills |
- CSP 418 | Introduction to Counseling and Social Advocacy |
- FAMS 150 | Lifespan Development and the Family |
- FAMS 250 | Infant Development |
- FAMS 253 | Child and Adolescent Development |
- FAMS 302 | Parent Education |
- FAMS 351 | Marriage and Family Relationships |
- FAMS 362 | Families and Social Policy |
### Criminal Justice Minor

Offered by Department of Criminal Justice (p. 208)

A grade of "C" or above is required for all courses in this minor.

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<tbody>
<tr>
<td></td>
<td><strong>Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>CJUS 101</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 215</td>
<td>Correctional Services and Systems</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 230</td>
<td>The Police Service</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Electives</strong></td>
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Select 15 credit hours of the following:

- CJUS 201  The Juvenile Justice System
- CJUS 250  Criminal Justice Research Methods I
- CJUS 310  Community Based Corrections
- CJUS 315  Victimology: Victims of Crime
- CJUS 321  Technology in Criminal Justice
- CJUS 326  Theories of Crime and Criminal Law
- CJUS 340  Criminal Evidence, Procedure and the Courts
- CJUS 345  Criminal Law
- CJUS 350  Organized Crime
- CJUS 353  Crime Prevention and Security
- CJUS 355  Family Law
- CJUS 360  Sex Crimes
- CJUS 370  Women and Crime
- CJUS 375  Comparative Criminal Justice Systems
- CJUS 380  Minorities and Criminal Justice
- CJUS 390  Criminal Investigation
- CJUS 401  Special Topics
- CJUS 405  Criminal Justice Research Methods II
- CJUS 411  Readings in Criminal Justice
- CJUS 415  Correctional Casework
- CJUS 420  Supervision and Management in Criminal Justice
- CJUS 430  Drugs and the Criminal Justice System
- CJUS 431  Correctional Law and Administration
- CJUS 435  Interviewing and Correctional Case Management
- CJUS 440  Laws of Arrest, Search and Seizure
- CJUS 445  Sex Offender Supervision and Control
- CJUS 476  Terrorism and Crisis Negotiations
- CJUS 480  Senior Seminar: Professional Ethics and Career Development
- CJUS 490  Advanced Criminal and Crime Scene Investigations (CSI)
- CJUS 499  Independent Study

Total Credit Hours 24

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### Criminal Justice, Bachelor of Science

Offered by Department of Criminal Justice (p. 208)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Foundation Core (Written, Math, Oral, Democracy)</strong></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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<tr>
<td></td>
<td>STAT 235  Introduction to Statistics for Social Sciences</td>
<td>3</td>
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<tr>
<td></td>
<td>or STAT 241 Elementary Statistics</td>
<td></td>
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<tr>
<td></td>
<td><strong>Portal</strong></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 58-61

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1 Permission of Department Chair required.

Students normally take their internship during the summer following their junior year, although the course is offered at other times. Students with field experience in Criminal Justice or going to graduate school may substitute CJUS 405 Criminal Justice Research Methods II in place of the Internship.
ENG 101 Introduction of Academic Writing 3

*If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.*

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 9

Including:

- PSCI 110 Introduction to American Politics
- SOC 100 Introduction to Sociology
- PSY 203 General Psychology
- or PSY 230 Human Development

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

**Capstone**

Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**

Complete all required courses 0

**Major Option**

Complete all required courses 36

**Minor or 2nd Major**

Complete all required courses 24

**Unrestricted electives**

Needed to reach 120 credit hour minimum 14

Total Credit Hours 120

A grade of "C" or above is required for all courses in this major.

At least 15 credit hours (5 courses) of upper division credit in Criminal Justice must be taken from UNK.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJUS 101</td>
<td>Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 103</td>
<td>Orientation to Criminal Justice</td>
<td>1</td>
</tr>
<tr>
<td>CJUS 215</td>
<td>Correctional Services and Systems</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 230</td>
<td>The Police Service</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 305</td>
<td>Criminal Evidence, Procedure and the Courts</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 480</td>
<td>Senior Seminar: Professional Ethics and Career Development</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 250</td>
<td>Criminal Justice Research Methods I</td>
<td>3</td>
</tr>
<tr>
<td>or SOWK 440</td>
<td>Fundamentals of Research in Social Welfare</td>
<td></td>
</tr>
<tr>
<td>CJUS 475</td>
<td>Internship</td>
<td>5-9</td>
</tr>
</tbody>
</table>

**Criminal Justice Electives**

Select 9 credit hours of the following:

- CJUS 201 The Juvenile Justice System
- CJUS 310 Community Based Corrections
- CJUS 315 Victimology: Victims of Crime
- CJUS 321 Technology in Criminal Justice
- CJUS 345 Criminal Law

**College of Business and Technology Graduation Requirements**

A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen. The following Minors are suggested: Spanish, Business Administration, Computer Science, Information Technology, Social Work, Political Science, Psychology, Public Administration, or Sociology.

Permission of Department Chair required. Students normally take their internship during the summer following their junior year, although the course is offered at other times. Students with field experience in criminal justice or going to graduate school may substitute CJUS 405 Criminal Justice Research Methods II in place of the Internship.
• All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hours requirements from the College of Business and Technology at the University of Nebraska at Kearney.
• All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.
• All students graduating with a degree from the College of Business and Technology are required to complete 3 credit hours of designated Experiential Learning (EL) coursework.

Cyber System Requirements
All Cyber Systems majors contain the following core course:

• CYBR 101 OR CYBR 102 OR CYBR 103 (https://catalog.unk.edu/search/?P=CSIT%20130)
• Students may enroll in one of the Cyber Systems core courses if they have a minimum score of 22 on the math portion of the ACT or complete Math 101 or above.
• The common core course allows students to defer the decision as to which options to select.

All major courses in the CS Comprehensive, Applied CS, Cyber Security Operations, and Information Technology programs require a minimum grade of “C”.

1. Applied Computer Science (p. 221) - Bachelor of Science Degree
2. Computer Science Comprehensive (p. 223) - Bachelor of Science Degree
3. Cyber Security Operations Comprehensive (p. 224) - Bachelor of Science Degree
4. Information Networking and Telecommunications Comprehensive (p. 225) - Bachelor of Science Degree
5. Business Administration Comprehensive Bachelor of Science Degree- Business Intelligence (p. 222) Emphasis
6. Information Technology (p. 227) - Bachelor of Science Degree
   • Web Development Emphasis (p. )
   • System Administration Emphasis (p. )
   • Data Analytics Emphasis (p. )
   • General Information Technology Emphasis (p. )

Minors in Data Analytics (p. 225), Management Information Systems (p. 228), Software Quality Assurance (p. 228), Computer Science (p. 223), Information Technology (p. 227) and Information Networking and Telecommunications (p. 226).

A supplemental endorsement in Information Technology (p. 229) is available.

A certificate in Software Quality Assurance (p. 228).

Professor: Vijay Agrawal, Sherri Harms, John Hastings
Associate Professor: Angela Hollman, Allen Taylor
Assistant Professor: Matthew Miller

Cyber Systems (CYBR)

CYBR 100 – Computer Science Principles 3 credit hours
This course provides a broad, inspiring overview of computer science that is appropriate for all students. By the end of this course, students will become empowered to critically analyze computing innovations as well as create inspiring applications that express their interests. In addition, they will be ready to incorporate computational thinking into their future fields of study.

CYBR 101 – Computer Science I: Python for Analytics 4 credit hours
A gentle first course in problem solving and software development, including logic, data storage and manipulation, data types, assignment statements, basic input/output, selection control, repetition control, subprograms, data file input/output, simple GUIs, one dimensional arrays and rudimentary software engineering techniques. Students complete programming projects using Python. Good programming techniques, program clarity, style, and effective documentation are emphasized through practice in designing, coding, and debugging programs. Intended for students with little or no programming experience. It aims to provide students with an understanding of the role computation can play in analyzing data in business, science, mathematical, and other problems. It is designed to help students, regardless of their major, feel justifiably confident of their ability to write small programs that allow them to accomplish useful goals. The class will use the Python programming language. Three hours lecture, two hours laboratory each week.
Prerequisite: Completion of or concurrent enrollment in MATH 102 or ACT Math score of 22 or above or Math placement into MATH 103 or above.

CYBR 102 – Computer Science I: C for Security 3 credit hours
A rigorous first course in problem solving and software development that demonstrates the power of C as a high and low level language. Includes logic, data storage and manipulation, data types, assignment statements, basic input/output, selection control, repetition control, subprograms, parameter passage, scope of identifiers, data file input/output, one dimensional arrays and rudimentary software engineering techniques. Students complete programming projects using C programming. Secure programming techniques, program clarity, style, and effective documentation are emphasized through practice in designing, coding, and debugging programs. Intended for students interested in improving their security or engineering related problem-solving abilities through the use of software development, but no programming experience is necessary. Laboratory assignments develop mastery of the C programming language and a basic understanding of modern secure software development practices. Two hours lecture, two hours laboratory each week.
Prerequisite: Completion of or concurrent enrollment in MATH 102 or ACT Math score of 22 or above or Math placement into MATH 103 or above.
CYBR 103 – Computer Science I: Java for Software Development 4 credit hours
An in-depth first course in problem solving and software development; including logic, data storage and manipulation, data types, assignment statements, standard input/output, selection control, repetition control, subprograms, parameter passage, scope of identifiers, data file input/output, simple GUIs, software classes, objects, one dimensional arrays and rudimentary software engineering techniques. Students complete programming projects using Java. Good programming techniques, object-oriented design, program clarity, style, and effective documentation are emphasized through practice in designing, coding, and debugging programs. Intended for students interested in improving their problem-solving abilities through high quality software development, but no programming experience is necessary. Laboratory assignments develop mastery of a high-level programming language, and programming experience in Java, and a basic understanding of modern software development practices. Three hours lecture, two hours laboratory each week.
Prerequisite: Completion of or concurrent enrollment in MATH 102 or ACT Math score of 22 or above or Math placement into MATH 103 or above or completion of MATH 102 or above.

CYBR 108 – Computers in Society 3 credit hours
This course will consist of an elementary description of the components and principles of digital computers, background and implications of information processing, computer influences on society, and uses of computers. There will be hands-on computer applications that need to be downloaded and installed. Projects are assigned in order to reinforce concepts of problem solving and critical thinking and to illustrate modern applications of computers.

CYBR 140 – The Internet Explained 3 credit hours
This course is a great introduction to how the Internet works. Topics include history of telephony to the Internet, networking, wireless, cybersecurity and how these technologies are integrated into the daily lives of individuals. The course assumes no previous knowledge of the field, and can be used by all students seeking a background in fundamental networking and systems concepts. This course provides basic information needed for the student going on to pursue a career in the information technology fields. It also provides a technological foundation for students pursuing any career. With the prevalence of technology, understanding and becoming proficient with the basic terminology and concepts is a must for any student.

CYBR 150 – Computer Science II: Object Oriented Programming 3 credit hours
Object-Oriented (OO) programming concepts and principles, including an introduction to some basic data structures. Comprehensive study of an OO programming language with a variety of programming applications. An appropriate state-of-the-art language will be used.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103

CYBR 180 – Discrete Structures 3 credit hours
The study of mathematical topics and data structures necessary for a successful program of study in Computer Science. Topics include set theory, Boolean algebra, propositional calculus, logic circuits and finite state machines.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103.
Corequisite: Completion of or concurrent enrollment in MATH 115 or MATH 123.

CYBR 182 – Software Productivity Tools 3 credit hours
This lab course addresses competency and applications of computer skills. Software covered includes: operating systems and environments, word processing, spreadsheet, databases and cloud-based solutions.

CYBR 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Prerequisite: First year freshman standing or sophomore standing only.

CYBR 190 – Data Analytics Mathematical Modeling 3 credit hours
This course is designed to cover fundamental IT enabled models and their application in data analytics. Some areas to be covered include: systems of equations and inequalities; sequences, inductions, and the binomial theorem; counting and probability; basic statistics; simulation; data tables and what-if analysis; and enhancing decision-making using Solver.
Prerequisite: MATH 102 and CYBR 182

CYBR 199 – Current Issues in Cyber Systems 1-3 credit hours
A course designed to enable students to become knowledgeable of recent trends and issues in computer science and information technology. The course format varies depending on subject matter, instructor and student needs.
Total Credits Allowed: 6.00

CYBR 223 – Information Technology Infrastructure 3 credit hours
A study of computer organization as it relates to the selection of computer hardware devices. The goal of the course is to create an understanding of the organization issues that influence system design and purchasing decisions. Topics include memory management, RAID, error detection, compaction, process management, pipelining, and cloud computing.
Prerequisite: CYBR 150
Additional Course Fee Required

CYBR 251 – Linux Programming Environment 1 credit hour
A survey of the fundamental concepts of the Linux operating system, including hands on experience with various components including the command line and graphical user interface.

CYBR 252 – Cloud Computing and Containerization 1 credit hour
A survey of the fundamental concepts of building and hosting Linux applications running with operating system level virtualization (containerization).
Prerequisite: CYBR 251

CYBR 280H – Special Topics 3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.

CYBR 301 – Computer Organization 3 credit hours
A study of computer organization and Assembly language. Topics include basic assembly instructions, logic design, addressing modes and instruction sets, data path, memory hierarchy. Students will gain hands on experience in programming in x86 and ARM assembly.
Prerequisite: CYBR 150 and CYBR 180
Additional Course Fee Required
**CYBR 302 – Principles of Management Information Systems** 3 credit hours
The course provides an introduction and overview to the field of management of information systems (MIS). This course is designed to familiarize students with the critical roles of information and information systems in support of organizational operations, decision-making processes, quality management, and strategic activities. It also covers management of information systems functions and professionals, as well as relevant global, ethical, societal and legal/regulatory issues. Focus is placed on the impact of rapidly changing technologies, such as the Internet, on organizations leading to new paradigms, like e-commerce and business-to-business applications, and the subsequent reengineering of organizations.

**CYBR 305 – Healthcare Informatics & Technology** 3 credit hours
With a focus on networking, this course will examine the healthcare field and its integration with the electronic and digital realm. Topics like security protocols, patient privacy, and telemedicine will be studied and then applied to real-world technical scenarios through discussion and hands-on projects.

**CYBR 306 – Introduction to Predictive Modeling** 3 credit hours
Data Analytics uses real-time processing of sentiment, buzz, social networks, context and/or other data of interest to improve performance and impact. This course will expand on basic statistical and analytical tools for developing an understanding of advanced methods for data analysis and modeling to support decision making. Students learn how to develop, explore, model, and answer questions using analytical processes to examine datasets, including "big data". Predictive modeling is introduced to show how to use these concepts, and others, to support more informed decisions and to drive business strategy using current and rapidly changing technologies. The course covers the fundamentals of databases, data analysis, data visualization, inferential statistics, and reporting; all supporting predictive and prescriptive analytics. Two hours lecture, two hours lab per week.
Prerequisite: MGT 233 or STAT 241 or STAT 345 or BIOL 305 or PSY 250

**CYBR 330 – Algorithms and Data Structures** 3 credit hours
A comprehensive study of data structures and algorithms with programming applications. Topics include: a review of basic data structures (linked-lists, stacks, queues) and abstract data types, advanced data structures and their associated algorithms, heaps, priority queues, hash tables, trees, binary search trees, and graphs, advanced sorting and searching algorithms, divide and conquer algorithms, greedy algorithms, and dynamic programming. Problem analysis is emphasized. Computability, asymptotic notation and NP-completeness are introduced. An object-oriented programming language will be used.
Prerequisite: ENG 102 and MATH 115 and CYBR 180 and CYBR 150
Additional Course Fee Required

**CYBR 335 – Fundamentals of Networking & Systems** 3 credit hours
This course is the first technical networking & systems course. Topics covered include layered network architectures, packet sniffing with protocol analysis, virtual local area networks, basic network security and network design through v4 and v6 subnetting.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 140 or passing score on CompTIA A+ certification exam.
Additional Course Fee Required

**CYBR 340 – Information Networking Preceptorial** 4 credit hours
Students in this course study the design and operation of telecommunications and information networks actively deployed in the business enterprise. They also explore the duties and responsibilities of the network manager as they maintain the information and telecommunications networks.
Prerequisite: CYBR 335

**CYBR 345 – Intricacies of Advanced Networks & Systems** 3 credit hours
This second technical networking & systems course looks in-depth at routing and switching protocols. Students will utilize the hands-on lab environment to examine the routing and switching protocols as well as a variety of other topics like enterprise wireless, network monitoring and high availability. Students with a strong command of the concepts presented will be prepared to sit for specific industry certification exams. Two hours lecture, two hours lab per week.
Prerequisite: CYBR 335
Additional Course Fee Required

**CYBR 350 – Predictive Modeling II** 3 credit hours
Study of predictive modeling using data analytics tools such as data mining to support various organizational activities. This course is designed to familiarize students with the critical role of data warehousing and data mining as predictive modeling tools to enhance the organizational decision making process.
Prerequisite: CYBR 302 and junior standing

**CYBR 381 – Systems Analysis and Design I** 3 credit hours
Explore the systems life cycle. Learn tools and strategies for system and information analysis. Includes need identification, feasibility studies, requirements assessment, project management and group dynamics.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 335

**CYBR 388 – GS Capstone** 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course
Prerequisite: Junior or Senior level standing or within 6 hours of completing general studies requirements.

**CYBR 399 – Independent Study in Cyber Systems** 1-6 credit hours
This course provides the opportunity for students to conduct independent study on any cyber systems topic not covered by other regularly offered courses. The topic will be selected in consultation with the student and the study will be supervised by a cyber systems faculty member. The project should be focused on an area of interest to the student. Upon completion of the project a formal presentation will be given by the student to all interested parties. A written contract specifying the topic and requirements must be submitted and approved by the department before registering for the course.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Junior or senior standing and permission of department chair
CYBR 401 – Operating Systems  3 credit hours
Introduction to modern operating system concepts and design. Topics will include: Processes, semaphores, monitors, concurrent process management, virtual memory, file systems, scheduling algorithms, deadlocks and protection, I/O control interrupt handling, client-server model, remote procedure call and threads.
Prerequisite: CYBR 330

CYBR 404 – Software Engineering  3 credit hours
This course will include the fundamental principles of software engineering. Software specification techniques: rigorous methods and formal methods. Software design: object-oriented design, function-oriented design, real-time systems design, user interface design. Programming techniques and tools. Software reuse and software metrics. Design patterns and component based software development. Computer-aided software engineering. Software validation and verification. The object oriented language Java will be used as the major programming language for this course.
Prerequisite: CYBR 330
Additional Course Fee Required

CYBR 405 – Interactive Web Application Development  3 credit hours
This course covers the wide range of state-of-the-art computer technologies for interactive web application development. Students will learn how to write both static web pages and dynamic web pages. This is a programming-intensive course.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 434

CYBR 406 – Enterprise Web Application Development  3 credit hours
This course is designed to assist students in learning the skills necessary to design and build enterprise-level web applications. Skills and knowledge gained in this course can be applied in the development of interactive web sites, electronic commerce systems, cloud-based applications and other service-based architectures. Security of internet based information systems will also be covered.
Prerequisite: CYBR 150

CYBR 407 – Introduction to Automata, Formal Languages, and Computability  3 credit hours
A survey of the fundamental concepts and conclusions in the theory of computation. Topics cover regular languages and finite automata, context-free languages and pushdown automata, formal grammars, Chomsky hierarchy, Turing machine and computability, computational complexity.
Prerequisite: Junior standing and CYBR 180 or MATH 115

CYBR 408 – Principles of Programming Languages  3 credit hours
Study of the essential concepts of programming languages including, language design concepts and semantics; examination of language features and major programming paradigms with a focus on functional programming; and design and implementation of language interpreters.
Prerequisite: CYBR 407 and CYBR 301 or CYBR 330

CYBR 410 – Big Data I  3 credit hours
This course provides an understanding of data analytics advanced techniques to extract intelligence about organizational activities from big data sources. Managing, governing, extracting, merging, and preparing large data sets for analysis using real data are covered extensively.
Prerequisite: CYBR 350

CYBR 411 – Big Data II  3 credit hours
This course provides a set of practical and powerful tools to enhance the understanding of big data. Exposure to computerized tools facilitating the loading and cleansing of data for analysis provides an experiential learning approach to understanding big data concepts.
Prerequisite: CYBR 410

CYBR 418 – E-Commerce Information Systems  3 credit hours
This course will present, develop, explore, and illustrate the nature and use of E-Commerce Information System development methodologies in an inter-organizational setting, and discuss responsibilities at all life cycle stages. It is a comprehensive study of electronic commerce, with in-depth coverage of e-commerce technologies and e-commerce business models including business-to-consumer models, business-to-business models, consumer-to-consumer models, peer-to-peer models, and mobile commerce. It introduces global e-commerce, security and encryption issues, and ethical, social and political issues related to e-commerce. E-commerce interface designs for electronic storefronts, malls, catalogs, shopping carts, search engines, auctions, e-payment systems, e-learning, and e-government will be covered. Consumer interactions with payment processing mechanisms and relationships to information technology development and support will be studied.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 302 or CYBR 434 and Sophomore standing or above

CYBR 421 – Business Process Redesign and ERP Systems  3 credit hours
This course provides an understanding of business processes and usage of various methods and computerized tools to redesign these processes. The redesigned processes will assist organizations in providing cost-effective quality products and services to consumers. Further, this course provides an overview of the Enterprise Resource Planning (ERP) Systems which are widely used by corporations for automation of their processes.
Prerequisite: Junior standing

CYBR 422 – Computer Graphics  3 credit hours
Introduction to the techniques for generating lines, curves, surfaces, 2D and 3D graphics, modeling and rendering. Topics include display hardware, transformations, interactive technologies, geometric modeling, 2D and 3D display algorithms, graphics software system architecture, visible-surface algorithms, illumination and shading.

CYBR 425 – Database Systems  3 credit hours
This course is a comprehensive study of multi-user database concepts. The relational model and relational database management systems along with proper database design will be emphasized. The normalization process and the various normal forms will be covered. Internet database applications are introduced. SQL will serve as the standard language for database manipulation. Several current database management systems will be introduced and will serve as the sample DBMSs for implementation of the course material.
Prerequisite: CYBR 101 or CYBR 102 or CYBR 103 or CYBR 434

CYBR 430 – Protecting & Defending Networks & Systems  3 credit hours
This course will cover all the concepts necessary defense-in-depth of an enterprise network and system (blue team). A case study will be incorporated to achieve a strong understanding of the design, implementation and overall security of a large network. Hands-on labs will be conducted using a variety of networking and systems equipment. Students with a strong command of the concepts presented will be prepared to sit for specific industry certification exams. This course presents a comprehensive study of needs and characteristics of a global internetwork and the issues encountered on such a network. Topics studied will include security, servers, user identity, and wireless. Hands-on labs will be conducted using a variety of network equipment.
Prerequisite: CYBR 335 and CYBR 101 or CYBR 102 or CYBR 103
Additional Course Fee Required
for modern software application environments.

This course will explore the latest industry standards, tools and techniques that will allow students to understand the concept of "thinking like an adversary". In this manner, the students will learn how to better defend networks by understanding the offensive playbook.

Additional Course Fee Required

**CYBR 440 – Systems Audit** 3 credit hours

This course provides an overview of how to manage a server and its associated infrastructure. The course will look at concepts such as cloud computing, virtualized hardware, networks, storage and data center concepts. Although the focus will be virtualization at the data center, these fundamentals are easily transferrable and highly needed in small to large enterprise. Topics such as hypervisors, software-defined networking and cloud architectures are discussed in-depth.

**CYBR 441 – Artificial Intelligence** 3 credit hours

An in-depth study of intelligent agents, tree and search methods, constraint satisfaction problems, optimization problems, gameplaying, logical analysis, and uncertainty modeling. Machine learning techniques are introduced. Applications to robotics, psychology, business intelligence and data mining are also discussed.

**CYBR 444 – Software Reverse Engineering** 3 credit hours

This course provides students with the opportunity to standard techniques used to Reverse Engineer software systems. These techniques will allow students to understand the process involved in program compilation, such that they can deduce the functionality of a program and recreate a programs source code without the original source.

**CYBR 448 – System Administration** 3 credit hours

This course provides an overview of how to manage a server and its users. Topics include but not limited to installing server operating system, creating user and group accounts, setting up policies, adding and configuring devices and drivers, managing data storage, setting up security evaluating performance, trouble shooting, and virtualization.

**CYBR 450 – Software Quality Assurance** 3 credit hours

This course will provide students with the knowledge and skills to define and implement software quality management. We will explore ways to develop a quantifiably effective software quality management function and measure the success of quality assurance (QA) plans, teams and tools. The course will explore the latest industry standards, tools and approaches, and will explore the challenges of managing the QA function for modern software application environments.

**CYBR 458 – Computer Security** 3 credit hours

This course provides an overview of security issues associated with the development and deployment of information systems. Topics include authentication, encryption, firewalls, security standards and protocols, attack prevention, detection, and recovery.

**CYBR 460 – Virtualization Essentials** 3 credit hours

Examining the new world of virtualization, this technical essentials course looks at concepts such as cloud computing, virtualized hardware, networks, storage and data center concepts. Although the focus will be virtualization at the data center, these fundamentals are easily transferrable and highly needed in small to large enterprise. Topics such as hypervisors, software-defined networking and cloud architectures are discussed in-depth.

**CYBR 468 – Advanced Security: Playing Both Sides** 3 credit hours

This course provides an introduction to advanced security topics associated with the development and deployment of information systems. Topics include WiFi and cellular networks, fuzzing, software vulnerabilities, and secure development practices.

**CYBR 475 – Internship in Cyber Systems** 1-6 credit hours

An internship is a professional or technical position in a professional environment that provides a student with sufficient practical work experience for a limited period of time, allows for career decision-making, and provides the employer valuable skills to accelerate business objectives. Internships are mutually beneficial for all involved. The student gains the opportunity to apply classroom learning to a workplace environment; the employer has the chance to work with students eager to learn and apply skills; and the university benefits from connections with business and industry, which provide potential for program development and enhancement. The learning experience is organized and supervised by the academic department, the CBT Career Center, and personnel of selected industries. All internships must be approved by the CBT Career Center and students must have a major or minor in the Cyber Systems department. The course will be evaluated on a credit/no credit basis. Department Consent Required

Total Credits Allowed: 6.00

**CYBR 484 – Parallel Computing** 3 credit hours

Introduces parallel computing including parallel computer architectures, analytical modeling of parallel programs, principles of parallel algorithm design. Introduces existing mainstream parallel programming environments and present development situations to provide students with skills to design, code, debug, analyze and optimize some mainstream parallel software. Provides hands-on practice with parallel computing that provides student with a successful start to practice in the area of parallel.

**CYBR 485 – Information Systems Strategy and Management** 3 credit hours

To provide a set of practical and powerful tools to ensure the understanding of strategic, tactical, and operational responsibilities of the chief information officer (CIO). The strategic responsibilities include the strategic alignment among information technology and business functions of the organizations.

Prerequisite: Junior standing
CYBR 490 – Information Networking Law and Public Policy  3 credit hours
This course provides a current and historical review of statutes, regulations, and municipal ordinances in telecommunications and information network security. Fundamental cybersecurity requirements are examined for several industry sectors. Topics also include network breach notification requirements, the NIST Risk Management Framework and NIST Cybersecurity Framework.

CYBR 494 – Directed Research in Cyber Systems  1-6 credit hours
Independent original research in a Cyber Systems area, under the direction of a Cyber Systems faculty member. A written contract specifying the topic and requirements must be submitted and approved by the department before registering for the course. Upon completion of the project a formal presentation will be given by the student to all interested parties.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Junior or senior standing and permission of department

CYBR 495 – Cyber Systems Capstone  3 credit hours
This course provides experience and background that will prepare the student for an actual working environment. Reinforcement and validation of knowledge gained in previous course work, enhancement of communication skills, and learning to work with people will be emphasized. Primary tasks will include a team-based project using technologies appropriate to the student's program of study, the study of ethics for cyber systems professionals, and project design and development and project oversight using appropriate project management tools. This course also provides opportunity for writing in the cyber systems disciplines.
Prerequisite: CYBR 330 or CYBR 381 or CYBR 490
Additional Course Fee Required

CYBR 498 – Special Topics in Cyber Systems  3 credit hours
Course is designed to enable students to become knowledgeable of recent trends and issues in cyber systems. The course format varies depending on subject matter, instructor and student needs.
Total Credits Allowed: 6.00

CYBR 499 – Special Problems  1-3 credit hours
Independent investigations of organizational problems. Topics to be investigated may be tailored to meet the needs of the student. The course is designed to integrate the knowledge acquired in other courses in the student’s program of study and provides the opportunity for students to conduct independent study on any cyber systems topics not covered by other regularly offered courses. The study topic will be selected in consultation with the supervising cyber system’s faculty member. A written contract specifying the topic and requirements must be submitted and approved by the department before registering for the course.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Junior or senior standing

Computer Science and Information Technology (CSIT)

CSIT 100 – Computing Environments  1 credit hour
This course presents any one of a variety of currently demanded computer topics. It focuses on hands-on exposure to computer-based enhancement of personal productivity. Grading method is credit/no credit.

CSIT 100.1 – Computing Environments: Word Processing  1 credit hour
CSIT 100.2 – Computing Environments: Spreadsheet  1 credit hour
CSIT 100.3 – Computing Environments: Database  1 credit hour
CSIT 100.5 – Computing Environments: Presentation Graphics  1 credit hour
CSIT 100.6 – Computing: Networking  1 credit hour
CSIT 100.9 – Computing Environments: Software Sampler  1 credit hour
CSIT 100D – Computing Environments: Windows  1 credit hour
CSIT 100E – Computing Environments: WWW Home Pages  1 credit hour
CSIT 100F – Computing Environments: MVS  1 credit hour
CSIT 100G – Computing Environments: JCL  1 credit hour

CSIT 210 – Structured Transaction Programming  3 credit hours
This is an introductory programming course. The topics include basic computer concepts and terminology, in conjunction with program development using elements of a programming language. Stress is placed upon transaction processing algorithm using structured programming. The assignments are exercises that develop in-depth skills and techniques from the lecture topics. CSIT 100.F MVS and CSIT 100.G JCL are recommended co-requisites.

CSIT 310 – Programming Data and File Structures  3 credit hours
Study of advanced structured COBOL programming techniques and applications with respect to table handling, subprograms, sequential files, and indexed sequential files.
Prerequisite: CSIT 210

CSIT 350 – Information Systems Concepts  3 credit hours
This course deals with the role, structure and objectives of information systems. Other topics include theory of systems and information, decision support, human considerations, applications of information systems, system evaluation and selection.
Prerequisite: Completion of CSIT 111 or CSIT 130 and ENG 102
Enrollment not allowed in CSIT 350 if MIS 302 has been completed

CSIT 380 – Systems Analysis and Design  3 credit hours
Explore the System Development Life Cycle. Learn tools and strategies for system and information analysis, including need identification, feasibility studies, data and process modeling, requirements assessment, project management and group dynamics.
Prerequisite: Completion of CSIT 150 Enrollment not allowed in CSIT 380 if MIS 381 has been completed.

CSIT 399 – Campus Lab Consultantship  1-3 credit hours
Work in campus computer labs as a consultant to computer science and computer information technology students. (A total of three credit hours in any combination of CSIT 399 and CSIT 492-495 may be applied toward a computer science/information technology major or minor.)
Department Consent Required
Total Credits Allowed: 9.00

CSIT 405 – Compiler Construction  3 credit hours
Techniques and organization of compilers, assemblers, and interpreters. Structure of programming language symbol tables, scans, and object code generation.
Prerequisite: CSIT 402
CSIT 426 – Computer Architecture  4 credit hours
The study of the logic and theory of operation of the main hardware blocks of computers, their control, and their software/hardware interactions. The emphasis is on microcomputer architecture, including laboratory experiments with various systems and their I/O and interfacing characteristics. 
Prerequisite: PHYS 205 and PHYS 205L or PHYS 275 and PHYS 275L and six hours of CSIT courses preferably CSIT 130 and CSIT 301.

CSIT 428 – Data Communications and Distributed Processing  3 credit hours
The study of network topology, protocols, management, and communication media. Evaluate present communication hardware, software, and future advancements in networking.
Prerequisite: CSIT 130 or CSIT 434 or ITEC 345

CSIT 493 – Directed Readings in Computer Science/Information Technology  1-3 credit hours
Independent readings on advanced or contemporary topics in computer science/ information technology, to be selected in consultation with and directed by a computer science/ information technology faculty member. A written contract specifying readings and requirements for the course is required before registering for the course. Any topic that is thoroughly covered by any regularly offered computer science or information technology course is not allowed for Directed Readings. Upon completion of the project a format presentation will be given by the student to all interested parties. (A total of three credit hours of any combination of CSIT 399 and CSIT 492-495 may be applied toward a computer science/information technology major or minor.)
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: CSIT 150 and permission of department chair

CSIT 497 – Seminar in Information Technology  3 credit hours
This course provides experience and background that will prepare the student for an actual working environment. Reinforcement and validation of knowledge gained in previous course work, enhancement of communication skills, and learning to work with people will be stressed. Primary tasks will include a team-based information systems development project and the study of ethics for CS/IT professionals.
Prerequisite: Completion of CSIT 380 and completion of or concurrent enrollment in CSIT 425.
Additional Course Fee Required

Applied Computer Science, Bachelor of Science Degree

Offered by Department of Cyber Systems (p. 214)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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General Studies

Foundational Core (Written, Math, Oral, Democracy)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</tbody>
</table>

Including:

- MATH 115 Calculus I with Analytic Geometry

Portal

Select one course numbered 188 (p. 465)

Distribution

ENG 101 Introduction of Academic Writing

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 4-3

Including:

- CYBR 103 Computer Science I: Java for Software Development
- CYBR 101 Computer Science I: Python for Analytics
- CYBR 102 Computer Science I: C for Security

Wellness (p. 466) 0

Capstone

Select one course numbered 388 (p. 461) 3

BS Science-related course requirements

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT</td>
<td>Elementary Statistics</td>
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</tr>
<tr>
<td>STAT</td>
<td>Applied Statistics I</td>
<td></td>
</tr>
<tr>
<td>STAT</td>
<td>Probability and Statistics</td>
<td></td>
</tr>
</tbody>
</table>

Major Option

Complete all required courses 36

Minor or 2nd Major

Complete all required courses 24

Unrestricted electives

Needed to reach 120 credit hour minimum 8-9

Total Credit Hours 120

All courses in this major require a minimum grade of "C". In this option, prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

Major Option

Code | Title | Credit Hours
<table>
<thead>
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</table>

Computer Science Core Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR</td>
<td>Computer Science II: Object Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Discrete Structures</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Algorithms and Data Structures</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Introduction to Automata, Formal Languages, and Computability</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Principles of Programming Languages</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Artificial Intelligence</td>
<td>3</td>
</tr>
<tr>
<td>CYBR</td>
<td>Cyber Systems Capstone</td>
<td>3</td>
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</tbody>
</table>

Computer Science Electives

Select 6 credit hours of the following with advisor approval: 6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Total Credit Hours 36
Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
- MATH 102
- MATH 103

A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Except CYBR 388. Take no more than 3 credit hours from CYBR 475, CYBR 494, CYBR 499.

**Business Administration Comprehensive - Business Intelligence Emphasis, Bachelor of Science**

Offered by Department of Cyber Systems (p. 214)

All College of Business and Technology Graduation Requirements (p. 214) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td></td>
<td>General Studies</td>
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<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
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<tr>
<td></td>
<td>Including:</td>
<td></td>
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<tr>
<td></td>
<td>MATH 102 College Algebra</td>
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<td></td>
<td>Portal</td>
<td></td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
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<td></td>
<td>Distribution</td>
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<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
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<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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<tr>
<td></td>
<td>ECON 270 Principles of Economics, Macroeconomics</td>
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<td></td>
<td>ECON 271 Principles of Economics, Microeconomics</td>
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<tr>
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<td>Natural Sciences (p. 464)</td>
<td>7</td>
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<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>6-7</td>
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<td>Including:</td>
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</tr>
<tr>
<td></td>
<td>CYBR 101 Computer Science I: Python for Analytics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or CYBR 102 Computer Science I: C for Security</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>or CYBR 103 Computer Science I: Java for Software Development</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 233 Business Statistics</td>
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</tr>
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<td>Wellness (p. 466)</td>
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<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
</tbody>
</table>

**BS Science-related course requirements**

**Major Option**

Complete all required courses | 62

**Unrestricted electives**

Needed to reach 120 credit hour minimum | 6-5

Total Credit Hours | 120

**Business Administration Comprehensive Core Requirements**

- BSAD 100 Exploring Business | 1
- ACCT 250 Principles of Accounting I | 3
- ACCT 251 Principles of Accounting II | 3
- BSAD 295 Business Communications | 3
- MKT 300 Principles of Marketing | 3
- MGT 301 Principles of Management | 3
- CYBR 302 Principles of Management Information Systems | 3
- FIN 308 Principles of Finance | 3
- ACCT 311 Business Law I | 3
- MGT 314 Operations and Supply Management | 3
- MGT 493 Social Responsibilities of Business: Issues and Ethics | 3
- MGT 495 Administrative Strategy and Policy | 3
- BSAD 400 Professional Readiness | 1

**Business Administration Comprehensive Economics Requirement**

Select 3 credit hours from the following: | 3

- ECON 300-ECON 498

**Business Intelligence Emphasis Requirements**

Select one of the following: | 3

- CYBR 190 Data Analytics Mathematical Modeling
- MATH 120 Finite Mathematics
- MATH 123 Applied Calculus I
- CYBR 306 Introduction to Predictive Modeling
- CYBR 350 Predictive Modeling II
- CYBR 381 Systems Analysis and Design I
- CYBR 410 Big Data I
- CYBR 425 Database Systems
- CYBR 495 Cyber Systems Capstone

Select 3 credit hours of the following: | 3

- CYBR 300-CYBR 499
- ACCT 391 Accounting Information Systems
- GEOG 417 GIScience Principles and Concepts
- MGT 425 Operations Research
- STAT 345 Applied Statistics I

Total Credit Hours | 62

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.
2. 2.0 GPA required.
3. Except ECON 388
4. Except CYBR 388.
Computer Science Comprehensive, Bachelor of Science

Offered by Department of Cyber Systems (p. 214)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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<tr>
<td></td>
<td><em>Foundational Core (Written, Math, Oral, Democracy)</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>14</td>
</tr>
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<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 115 Calculus I with Analytic Geometry</td>
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<tr>
<td></td>
<td>Portal</td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution</strong></td>
<td></td>
</tr>
<tr>
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<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
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<tr>
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<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
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<td></td>
<td>Humanities (p. 464)</td>
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<td>Social Sciences (p. 465)</td>
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<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>4-3</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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</tr>
<tr>
<td></td>
<td>CYBR 103 Computer Science I: Java for Software Development</td>
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<tr>
<td></td>
<td>CYBR 101 Computer Science I: Python for Analytics</td>
<td></td>
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<tr>
<td></td>
<td>CYBR 102 Computer Science I: C for Security</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>BS Science-related course requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take 1 course from the following:</td>
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<tr>
<td></td>
<td>STAT 241 Elementary Statistics</td>
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<td>STAT 345 Applied Statistics I</td>
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<td></td>
<td>STAT 441 Probability and Statistics</td>
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<tr>
<td></td>
<td><strong>Major Option</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>59</td>
</tr>
<tr>
<td></td>
<td><strong>Unrestricted electives</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td>9-10</td>
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<tr>
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<tr>
<td></td>
<td><strong>Computer Science Electives</strong></td>
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<tr>
<td></td>
<td>Select 9 credit hours of the following:</td>
<td>9</td>
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<tr>
<td></td>
<td>CYBR 300-CYBR 499 (except CYBR 388, CYBR 494 - CYBR 499)</td>
<td></td>
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<tr>
<td></td>
<td>Select 9 credit hours of the following:</td>
<td>9</td>
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<tr>
<td></td>
<td>CYBR 300-CYBR 499</td>
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<tr>
<td></td>
<td>MATH 300-MATH 499</td>
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<td></td>
<td>PHYS 300-PHYS 499</td>
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<td></td>
<td>MATH 250 Foundations of Math</td>
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<td></td>
<td>MATH 260 Calculus III</td>
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<td></td>
<td><strong>Total Credit Hours</strong></td>
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</tr>
</tbody>
</table>

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103
2 As approved by the department.
3 Except CYBR 388. Take no more than 6 credit hours from CYBR 475, CYBR 494, CYBR 499.
4 Except PHYS 388

Computer Science Minor

Offered by Department of Cyber Systems (p. 214)

A grade of "C" or above is required for all courses in this minor. In this minor, prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Requirements</strong></td>
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<tr>
<td></td>
<td>Choose one of the following:</td>
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<tr>
<td></td>
<td>CYBR 101 Computer Science I: Python for Analytics</td>
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<td></td>
<td>CYBR 102 Computer Science I: C for Security</td>
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<tr>
<td></td>
<td>CYBR 103 Computer Science I: Java for Software Development</td>
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<tr>
<td></td>
<td>CYBR 150 Computer Science II: Object Oriented Programming</td>
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<td></td>
<td>CYBR 180 Discrete Structures</td>
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</tr>
<tr>
<td></td>
<td>CYBR 301 Computer Organization</td>
<td>3</td>
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<tr>
<td></td>
<td>CYBR 303 Algorithms and Data Structures</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 115 Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
</tbody>
</table>

A grade of "C" or above is required for all courses in this Option. In this option, prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Computer Science Comprehensive Core Requirements</strong></td>
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<tr>
<td>CYBR 150</td>
<td>Computer Science II: Object Oriented Programming</td>
<td>3</td>
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<tr>
<td>CYBR 180</td>
<td>Discrete Structures</td>
<td>3</td>
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</table>
Cyber Security Operations Comprehensive, Bachelor of Science

Offered by Department of Cyber Systems (p. 214)

<table>
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<td>MATH 115 Calculus I with Analytic Geometry</td>
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<td>Portal</td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
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<tr>
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<td>Distribution</td>
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<td>ENG 101 Introduction of Academic Writing</td>
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<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
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<td></td>
<td>Social Sciences (p. 465)</td>
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<td>Natural Sciences (p. 464)</td>
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<td>Analytical and Quantitative Thought (p. 460)</td>
<td>4-3</td>
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<td></td>
<td>Including:</td>
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<td></td>
<td>CYBR 102 Computer Science I: C for Security</td>
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<td>CYBR 101 Computer Science I: Python for Analytics</td>
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<td>CYBR 103 Computer Science I: Java for Software Development</td>
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<td>Wellness (p. 466)</td>
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</tr>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BS Science-related course requirements</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Major Option</td>
<td>54</td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Unrestricted electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td>17-18</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>120</td>
</tr>
</tbody>
</table>

A grade of "C" or above is required for all courses in this Option. Prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cyber Security Major Comprehensive Core Requirements (42 hours required)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take all of the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 150 Computer Science II: Object Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 180 Discrete Structures</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 301 Computer Organization</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 330 Algorithms and Data Structures</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 335 Fundamentals of Networking &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 345 Intricacies of Advanced Networks &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 401 Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 430 Protecting &amp; Defending Networks &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 435 Thinking like an Adversary: Systems Side Security</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 444 Software Reverse Engineering</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 460 Virtualization Essentials</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 468 Advanced Security: Playing Both Sides</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 490 Information Networking Law and Public Policy</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>CYBR 495 Cyber Systems Capstone</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take 12 hours from:</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>ITEC 220 Electricity/Electronics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CJUS 321 Technology in Criminal Justice</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 340 Information Networking Preceptorial</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 404 Software Engineering</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 407 Introduction to Automata, Formal Languages, and Computability</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 425 Database Systems</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 448 System Administration</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 475 Internship in Cyber Systems</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 484 Parallel Computing</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 300-CYBR 499</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>54</td>
</tr>
</tbody>
</table>

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   • MATH 102 (http://catalog.unk.edu/search/?P=MATH%20102)
   • MATH 103 (http://catalog.unk.edu/search/?P=MATH%20103)

2 Except CYBR 388

3 As approved by the department
## Data Analytics Minor

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take one of the following:</td>
<td>3-4</td>
</tr>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td></td>
</tr>
<tr>
<td>or CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td></td>
</tr>
<tr>
<td>or CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take all of the following classes:</td>
<td></td>
</tr>
<tr>
<td>CYBR 302</td>
<td>Principles of Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 306</td>
<td>Introduction to Predictive Modeling</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 350</td>
<td>Predictive Modeling II</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 410</td>
<td>Big Data I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Statistics Course</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take one of the following:</td>
<td>3</td>
</tr>
<tr>
<td>MGT 233</td>
<td>Business Statistics</td>
<td></td>
</tr>
<tr>
<td>or STAT 241</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>or STAT 345</td>
<td>Applied Statistics I</td>
<td></td>
</tr>
<tr>
<td>or BIOL 305</td>
<td>BioStatistics</td>
<td></td>
</tr>
<tr>
<td>or PSY 250</td>
<td>Behavioral Statistics</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Electives</strong></td>
<td>Select 6 credit hours of the following: 6</td>
</tr>
<tr>
<td>CYBR 300-CYBR 499</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CYBR 190</td>
<td>Data Analytics Mathematical Modeling</td>
<td></td>
</tr>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td></td>
</tr>
<tr>
<td>ACCT 391</td>
<td>Accounting Information Systems</td>
<td></td>
</tr>
<tr>
<td>FIN 308</td>
<td>Principles of Finance</td>
<td></td>
</tr>
<tr>
<td>GEOG 417</td>
<td>GIScience Principles and Concepts</td>
<td></td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
<td></td>
</tr>
<tr>
<td>MGT 314</td>
<td>Operations and Supply Management</td>
<td></td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td></td>
</tr>
<tr>
<td>MKT 435</td>
<td>Marketing Research</td>
<td></td>
</tr>
<tr>
<td>PSY 420</td>
<td>Advanced Research Design and Analysis in Psychology</td>
<td></td>
</tr>
<tr>
<td>STAT 437</td>
<td>Computer Analysis of Statistical Data</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours: 24-25

1 Except CYBR 388. As approved by the department.

## Information Networking and Telecommunications Comprehensive, Bachelor of Science

Offered by Department of Cyber Systems (p. 214)

All College of Business and Technology Graduation Requirements (p. 214) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Foundational Core courses (p. 460)</strong></td>
<td>12</td>
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<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Portal</strong></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Distribution</strong></td>
<td></td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aesthetics (p. 460)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Humanities (p. 464)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences (p. 465)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td>CJS 101</td>
<td>Introduction to Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences (p. 464)</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Select two GS courses from at least two disciplines, to include one lab course: CHEM, GEOG, and/or PHYS only</td>
<td>3</td>
</tr>
<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td>CYBR 140</td>
<td>The Internet Explained</td>
<td>0</td>
</tr>
<tr>
<td>Wellness (p. 466)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Capstone</strong></td>
<td>Select one course numbered 388 (p. 461) 3</td>
</tr>
<tr>
<td></td>
<td><strong>BS Science-related course requirements</strong></td>
<td></td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>or MATH 123</td>
<td>Applied Calculus I</td>
<td></td>
</tr>
<tr>
<td>or STAT 241</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Major Option</strong></td>
<td>Complete all required courses 63</td>
</tr>
<tr>
<td></td>
<td><strong>Unrestricted electives</strong></td>
<td>Needed to reach 120 credit hour minimum 8</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

## Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Information Networking and Telecommunications Core</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Requirements</td>
<td>3-4</td>
</tr>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td></td>
</tr>
<tr>
<td>or CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td></td>
</tr>
<tr>
<td>or CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take one of the following:</td>
<td></td>
</tr>
<tr>
<td>ITEC 130</td>
<td>Technology Today</td>
<td>3</td>
</tr>
<tr>
<td>or CYBR 182</td>
<td>Software Productivity Tools</td>
<td></td>
</tr>
<tr>
<td>or CYBR 190</td>
<td>Data Analytics Mathematical Modeling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take all of the following:</td>
<td></td>
</tr>
<tr>
<td>ITEC 220</td>
<td>Electricity/Electronics</td>
<td>3</td>
</tr>
<tr>
<td>Code</td>
<td>Title</td>
<td>Credit Hours</td>
</tr>
<tr>
<td>--------</td>
<td>----------------------------------------------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>CYBR 251</td>
<td>Linux Programming Environment</td>
<td>1</td>
</tr>
<tr>
<td>CYBR 335</td>
<td>Fundamentals of Networking &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 340</td>
<td>Information Networking Preceptorial</td>
<td>4</td>
</tr>
<tr>
<td>CYBR 345</td>
<td>Intricacies of Advanced Networks &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 430</td>
<td>Protecting &amp; Defending Networks &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 435</td>
<td>Thinking like an Adversary: Systems Side Security</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 460</td>
<td>Virtualization Essentials</td>
<td>3</td>
</tr>
</tbody>
</table>

### Information Networking and Telecommunications Minor

#### Management Core Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 490</td>
<td>Information Networking Law and Public Policy</td>
<td>3</td>
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<tr>
<td>CYBR 495</td>
<td>Cyber Systems Capstone</td>
<td>3</td>
</tr>
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</table>

Select 9 hours from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 302</td>
<td>Principles of Management Information Systems</td>
<td></td>
</tr>
<tr>
<td>CYBR 381</td>
<td>Systems Analysis and Design I</td>
<td></td>
</tr>
<tr>
<td>CYBR 448</td>
<td>System Administration</td>
<td></td>
</tr>
<tr>
<td>ITEC 308</td>
<td>Industrial Management</td>
<td></td>
</tr>
<tr>
<td>ITEC 408</td>
<td>Leadership in Business and Technology</td>
<td></td>
</tr>
<tr>
<td>or MGT 409</td>
<td>Leadership: Skills, Applications, Research</td>
<td></td>
</tr>
</tbody>
</table>

### Information Networking and Telecommunications Support Track Requirements

Select one of the following support tracks: 15

- Cyber Investigations
- Web and Scripting
- Business and Entrepreneurship
- Tailored Option

#### Internship Requirement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 475</td>
<td>Internship in Cyber Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 62-63

### Cyber Investigations

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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</table>
| Take all of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJUS 350</td>
<td>Organized Crime</td>
<td>3</td>
</tr>
<tr>
<td>CJUS 353</td>
<td>Crime Prevention and Security</td>
<td>3</td>
</tr>
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</table>

Select 9 hours from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJUS 230</td>
<td>The Police Service</td>
<td></td>
</tr>
<tr>
<td>CJUS 321</td>
<td>Technology in Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>CJUS 360</td>
<td>Sex Crimes</td>
<td></td>
</tr>
<tr>
<td>CJUS 390</td>
<td>Criminal Investigation</td>
<td></td>
</tr>
<tr>
<td>CJUS 476</td>
<td>Terrorism and Crisis Negotiations</td>
<td></td>
</tr>
<tr>
<td>CJUS 490</td>
<td>Advanced Criminal and Crime Scene Investigations (CSI)</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 15

### Web and Scripting

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| Take all of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JMC 112</td>
<td>Communication Software</td>
<td>3</td>
</tr>
<tr>
<td>JMC 300</td>
<td>Website Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 9 hours from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>JMC 304</td>
<td>Interactive Media Design</td>
<td></td>
</tr>
<tr>
<td>JMC 401</td>
<td>Web Site Design II</td>
<td></td>
</tr>
<tr>
<td>JMC 402</td>
<td>CMS - WordPress</td>
<td></td>
</tr>
<tr>
<td>JMC 300-JMC 499 with the permission of instructor</td>
<td>3</td>
<td></td>
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</tbody>
</table>

Total Credit Hours 15

### Business and Entrepreneurship

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>
| Take all of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGT 400</td>
<td>Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>MGT 401</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 6 hours from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 413</td>
<td>Entrepreneurial Law</td>
<td></td>
</tr>
<tr>
<td>MKT 460</td>
<td>Strategic Product Management</td>
<td></td>
</tr>
<tr>
<td>SPCH 445</td>
<td>Diffusion of Innovations</td>
<td></td>
</tr>
<tr>
<td>CYBR 300 – CYBR 499, with permission of instructor</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 15

### Tailored Option

Select 15 credit hours of courses approved by the Department Chair following consultation between the student and the academic advisor. Courses are to be selected during the first year of declaring the major.

Total Credit Hours 15

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.
2. Before registering for the internship, students must have Junior class standing and a 2.5 cumulative GPA in core courses including any emphasis areas required.
3. Except CYBR 388. Take no more than 6 credit hours from CYBR 475, CYBR 494, CYBR 499.

### Information Networking and Telecommunications Minor

Offered by Department of Cyber Systems (p. 214)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td>3-4</td>
</tr>
<tr>
<td>or CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td></td>
</tr>
</tbody>
</table>
**Information Technology Minor**

Offered by Department of Cyber Systems (p. 214)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td>3-4</td>
</tr>
<tr>
<td>CYBR 251</td>
<td>Linux Programming Environment</td>
<td>1</td>
</tr>
<tr>
<td>CYBR 335</td>
<td>Fundamentals of Networking &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 340</td>
<td>Information Networking Preceptorial</td>
<td>4</td>
</tr>
<tr>
<td>CYBR 345</td>
<td>Intricacies of Advanced Networks &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 460</td>
<td>Virtualization Essentials</td>
<td>3</td>
</tr>
</tbody>
</table>

Take 2 of the following: 6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 430</td>
<td>Protecting &amp; Defending Networks &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 435</td>
<td>Thinking like an Adversary: Systems Side Security</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 490</td>
<td>Information Networking Law and Public Policy</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 23-24

**Information Technology, Bachelor of Science**

Offered by Department of Cyber Systems (p. 214)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 150</td>
<td>Computer Science II: Object Oriented Programming</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 223</td>
<td>Information Technology Infrastructure</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 381</td>
<td>Systems Analysis and Design I</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 425</td>
<td>Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 458</td>
<td>Computer Security</td>
<td>3</td>
</tr>
</tbody>
</table>

**Information Technology Minor Electives**

Select at least 2 courses of the following equal to 5 credit hours: 5

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 300-CYBR 499</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

Total Credit Hours 23-24

A grade of "C" or above is required for all courses in this minor. In this minor, prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

1 As approved by department. Except CYBR 388. Take no more than 3 credit hours from CYBR 475, CYBR 494, CYBR 499.
Management Information Systems Minor

Offered by Department of Cyber Systems (p. 214)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td>3-4</td>
</tr>
<tr>
<td>or CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td></td>
</tr>
<tr>
<td>or CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 302</td>
<td>Principles of Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 306</td>
<td>Introduction to Predictive Modeling</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 335</td>
<td>Fundamentals of Networking &amp; Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 350</td>
<td>Predictive Modeling II</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 485</td>
<td>Information Systems Strategy and Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Statistics Requirement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 233</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

or STAT 241 Elementary Statistics

**Electives**

Select 1 of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 251</td>
<td>Principles of Accounting II</td>
<td></td>
</tr>
<tr>
<td>ACCT 391</td>
<td>Accounting Information Systems</td>
<td></td>
</tr>
<tr>
<td>CYBR 425</td>
<td>Database Systems</td>
<td></td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
<td></td>
</tr>
<tr>
<td>MGT 314</td>
<td>Operations and Supply Management</td>
<td></td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td></td>
</tr>
<tr>
<td>SCM 317</td>
<td>Principles of Supply Chain Management</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 36

1 Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.

2 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

3 Except CYBR 388.

Software Quality Assurance Certificate

Offered by Department of Cyber Systems (p. 214)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td>3-4</td>
</tr>
<tr>
<td>or CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td></td>
</tr>
<tr>
<td>or CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 302</td>
<td>Principles of Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>or CYBR 306</td>
<td>Introduction to Predictive Modeling</td>
<td></td>
</tr>
<tr>
<td>CYBR 381</td>
<td>Systems Analysis and Design I</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 405</td>
<td>Human Computer Interactive Application Development</td>
<td>3</td>
</tr>
<tr>
<td>or CYBR 335</td>
<td>Fundamentals of Networking &amp; Systems</td>
<td></td>
</tr>
<tr>
<td>or CYBR 425</td>
<td>Database Systems</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 15-16

For more information on the Software Quality Assurance certificate, please contact the Cyber Systems Certificate Program Coordinator, Dr. Vijay Agrawal: Email: agrawalvk@unk.edu Phone: (308) 865-1548

For detailed information, guidelines, and requirements of UNK’s Certificate Programs, please visit the Academic Affairs (http://www.unk.edu/academic_affairs/certificate-programs.php) page.
**Statistics Requirement**

- CYBR 450 Software Quality Assurance 3
- MGT 233 Business Statistics 3
- or STAT 241 Elementary Statistics

**Electives**

Select 3 credit hours of the following: 3

- CYBR 300-CYBR 499
- ACCT 251 Principles of Accounting II
- ACCT 391 Accounting Information Systems
- MGT 301 Principles of Management
- MGT 314 Operations and Supply Management
- MKT 300 Principles of Marketing
- SCM 317 Principles of Supply Chain Management

Total Credit Hours 24-25

1 Except CYBR 388

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**Supplemental Endorsement in Information Technology**

Offered by Department of Cyber Systems (p. 214)

Students must complete one Teaching Subject Endorsement or one Field Endorsement in addition to this Supplemental Endorsement.

A grade of "C" or above is required for all courses in this program. Prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Programming Requirement</td>
<td></td>
</tr>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td>3-4</td>
</tr>
<tr>
<td>or CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td></td>
</tr>
<tr>
<td>or CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Information Technology Requirements</td>
<td></td>
</tr>
<tr>
<td>CYBR 302</td>
<td>Principles of Management Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 405</td>
<td>Human Computer Interactive Application Development</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 425</td>
<td>Database Systems</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 434</td>
<td>Information Technology Teaching Methods</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 448</td>
<td>System Administration</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 458</td>
<td>Computer Security</td>
<td>3</td>
</tr>
<tr>
<td>TE 480</td>
<td>Information Technology, Ethics, and Social Responsibility</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 24-25

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**English (ENGL)**

**ENG 100A – English for Academic Purposes** 3 credit hours

An introduction to the challenge of reading and writing academic prose. The course encourages students to become more analytical, interpretative, and self-conscious of the persuasive motives of writing. Students learn to develop, organize, and express complex ideas that are appropriate for the academic context. Study of the writing processes will include multiple drafts, revision, invention, and critical thinking strategies.

**ENG 101 – Introduction of Academic Writing** 3 credit hours

A study of the art of composition with special emphasis on the writing process and on essay form. Students study methods of invention and arrangement and hone their stylistic, grammatical, and punctuation skills. Prerequisite: ENG 100A or English ACT score of 15 or greater

**ENG 102 – Academic Writing and Research** 3 credit hours

A continuing study of composition with emphasis on intertextuality. Students learn to read texts in a variety of ways, to respond to those texts, to integrate voices from multiple sources into a single paper using standard citation conventions, and to find pertinent information through library research or interviews and to use it to create coherent and well-developed papers. Prerequisite: ENG 101 or equivalent or English ACT score of 29 or above

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**Department of English**

**Department Objectives**

- To provide a broad cultural background for the understanding and appreciation of the character and ideals of human beings and society through courses in literature, composition, and English language;
- To improve communication skills through practice in diverse types of expository and imaginative writing;
- To develop critical thinking through exposure to and interpretation of the various world views offered in literary works;
- To increase appreciation for literature, its backgrounds, history, and values, through analysis and discussion of literary works covering a wide range of attitudes, perspectives, and expressions;
- To prepare future teachers of Language Arts and English for elementary, middle, secondary, and college teaching.

*(Upon request, the Department provides prospective students with a more detailed list of objectives.)*

**English Major**

Four options are available in this major:

1. English (p. 238) - Bachelor of Arts Degree
2. English - Writing Emphasis (p. 234) - Bachelor of Arts Degree
3. English 7-12 Teaching Subject Endorsement (p. 235) - Bachelor of Arts in Education Degree
4. Language Arts 7-12 Teaching Field Endorsement (p. 239) - Bachelor of Arts in Education Degree

The minors in English (p. 236), Childhood and Youth Studies (p. 233), Creative Writing (p. 237), Film Studies (p. 239) and Popular Culture (p. 241) are available for students pursuing majors in other disciplines. The Elementary Education Major has a specially defined minor in English (p. 234).

Sam Umland (http://aaunk.unl.edu/catalogs/current/fac/facultyu.asp#umlandsa), Chair

Professor: Susan Honeyman, Marguerite Tassi, Rebecca Umland, Sam Umland

Associate Professor: Michelle Beissel Heath, Megan Hartman, Martha Kruse, Maria O’Malley, Denys Van Renen

Assistant Professor: Jessica Hollander, Seth Long, Brad Modlin, Amanda Sladek, Annarose Steinke
ENG 110 – Writing Tutorial  1 credit hour
Offered by the Writing Center, this course is an individually structured sequence of assignments designed to improve students’ writing. The assignments may be focused on particular skills, e.g. writing from sources or writing essay tests. Students may register through the ninth week of the semester.
Total Credits Allowed: 2.00

ENG 153 – Democratic Vistas  3 credit hours
This course focuses on two questions: WHAT IS AN AMERICAN? WHAT DOES IT MEAN TO BE AN AMERICAN? Students will read selected writings of major American cultural figures who have investigated and questioned American identities.

ENG 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ENG 191 – Editing Skills  1 credit hour
Intended to review and/or acquaint students with the conventions of edited American English, equipping them to better edit their own writing; taught by graduate assistants assigned to the Writing Center.

ENG 211 – Introduction to Creative Writing  3 credit hours
This course is an introduction to the four creative genres: poetry, fiction, screenwriting, and non-fiction. In addition to demonstrating the creative elements of writing and the process of revision, students will develop their critical skills from a writer’s perspective.

ENG 214 – Beginning Fiction Writing  3 credit hours
Study of the techniques and materials of prose fiction. Primarily, the course examines fiction written by the class members. Some published contemporary stories are included in the reading. Reading fiction well is as important an objective as writing well.

ENG 217 – Beginning Poetry Writing  3 credit hours
A close reading of poems written by students to discover what poems mean. This means a study of how versification contributes to or detracts from the paraphrasable content of a poem.

ENG 220 – Introduction to Film Studies  3 credit hours
Introduction to Film Studies is designed to introduce thinking and writing about the cinema by means of film theory and history. The course aim is to study films and essays that have proved central to ways of thinking about the cinema.
Prerequisite: ENG 102

ENG 234 – Reading and Writing about Literature  3 credit hours
An introduction to the principles of close reading, the interpretation, and the criticism of literary texts. Prerequisite for all 300 and 400 level courses intended to count toward the major. Required of all undergraduate English majors.
Prerequisite: ENG 102

ENG 235H – American Studies  3 credit hours
General Studies course for Honors students. Students will employ the techniques of interdisciplinary studies to arrive at an understanding of American culture. They will focus on problem(s) in American life which may range from local to international and may deal with any or all time periods. Subject matter from a variety of disciplines will help illuminate the problem being studied.
Prerequisite: ENG 102

ENG 240H – Literary Classics of the Western World  3 credit hours
A General Studies course for Honors students. Introduction to major works of literature ranging from classical antiquity to the present. Authors, genres, and periods will vary. Emphasis will be placed on close reading and comparative analysis, as well as the question of how to define a classic.
Prerequisite: ENG 102

ENG 250 – Introduction to Literature: British Literature  3 credit hours
Introduction to authors, genres, and periods from the British literary tradition. Some emphasis will be placed on recurring themes, literary devices, and close reading of texts.
Prerequisite: ENG 102

ENG 252 – Introduction to Literature: Western Civilization  3 credit hours
Study of the techniques and materials of prose fiction. Primarily, the course examines fiction written by the class members. Some published contemporary stories are included in the reading. Reading fiction well is as important an objective as writing well.

ENG 260 – Images of Women in Literature  3 credit hours
An introduction to the study of images of women in various genres of literature. Works of fiction, poetry, and drama written by women will be studied and discussed.
Prerequisite: ENG 102

ENG 280H – Special Topics  3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.
ENG 303 – Introduction to Linguistics  3 credit hours  
A course designed to study language in the manner of the structuralists. It includes introductory phonology, morphology, and syntax. Also included is a study of geographical and social dialect.

ENG 304 – Grammar I  3 credit hours  
The purpose of the course is to develop the ability to observe, analyze, and articulate the structure of language, including the morphological character of individual words, syntactic relations among words, and the grammatical and/or social acceptance of linguistic constructions. The course also examines approaches to the study of grammar, from the prescriptive tradition to transformational-generative theories and beyond.

ENG 311 – Advanced Writing I  3 credit hours  
A study of writing processes as they have been described by professional writers and rhetoricians. The purposes of this course are to familiarize students with various conceptions of the writing process, to introduce them to composition research methods, and to give them ample opportunity to investigate and experiment with various writing strategies. Prerequisite: ENG 102

ENG 312 – Technical and Science Writing  3 credit hours  
Explores written communication in technical and scientific contexts through the study of genres and audiences commonly encountered in professional situations. Students will study articles and books on theoretical and applied sciences, then compose a research article or feasibility reports. Prerequisite: ENG 102

ENG 320 – Creative Play/Script Writing  3 credit hours  
Formal differences of the drama and screenplay are studied extensively while writers also concentrate on the methods and principles of dramatic adaptation of literary narratives. Prerequisite: ENG 234 or department permission

ENG 330 – European Literature in Translation  3 credit hours  
This course will examine the writings of European writers in translation. The texts selected may range from classic to contemporary and represent a wide range of peoples and cultures. Prerequisite: ENG 234 or department permission

ENG 333 – Non-Western Literature in Translation  3 credit hours  
This course will examine the writings of non-Western authors in translation. Often, these authors dramatize the conflicts between traditional cultural beliefs and the effects of modern telecommunications, industrialization, and consumerism. The texts selected will represent a wide range of peoples and cultures responding to such developments as globalization and post colonialism. Prerequisite: ENG 234 or department permission

ENG 336 – Ancient Literatures  3 credit hours  
Critical study of the uses of literary genres, in the Bible or in other ancient literatures (and in the subsequent literatures following a particular ancient form), with attention to both unity and diversity of voice, style, and structure. Total Credits Allowed: 9.00 Prerequisite: ENG 234 or department permission

ENG 337 – Special Topics in Popular Literature  3 credit hours  
A study of popular literary taste as reflected in such genres as the detective story, science fiction, adult fantasy, and others. Total Credits Allowed: 6.00 Prerequisite: ENG 234 or department permission

ENG 338 – Studies in a Literary Genre  3 credit hours  
Historical and/or critical study of a selected genre such as poetry, drama, the novel, the short story, autobiography, focusing on a variety of representative works in the literary genre being studied. Total Credits Allowed: 6.00 Prerequisite: ENG 234 or department permission

ENG 352A – Survey of US Literature I  3 credit hours  
An historical and critical study of major American writers to the mid-nineteenth century. Prerequisite: ENG 234 or department permission

ENG 352B – Survey of US Literature II  3 credit hours  
An historical and critical study of major American writers from the mid-nineteenth century to the present. Prerequisite: ENG 234 or department permission

ENG 358 – Literature of the American West  3 credit hours  
This course will examine the writings of non-Western authors selected from a time period extending from the Native American oral tradition to contemporary poetry, fiction, nonfiction, and drama. Several Nebraska authors will be studied as well as works by women, Chicano, and Native American writers. Prerequisite: ENG 234 or department permission

ENG 359 – Contemporary American Multicultural Lit  3 credit hours  
This course will examine multiculturalism and how it has impacted American literature. Readings will include philosophical, historical, and political approaches to multiculturalism. Students will read a wide variety of contemporary American ethnic literatures, including writings by Native American, African American, Hispanic American, and Asian American authors. Prerequisite: ENG 234 or department permission

ENG 360 – American Women Writers  3 credit hours  
Surveys American women's writings from early captivity narratives to contemporary avant-garde poetry. Prerequisite: ENG 234 or department permission

ENG 362A – Survey of British and Commonwealth Literature I  3 credit hours  
An historical and critical study of major British and Commonwealth writers through the seventeenth century. Prerequisite: ENG 234 or department permission

ENG 362B – Survey of British and Commonwealth Literature II  3 credit hours  
An historical and critical study of major British and Commonwealth writers beginning with the Restoration and eighteenth century. Prerequisite: ENG 234 or department permission

ENG 373 – Film Genre  3 credit hours  
Study of the various film genres, such as the Musical, the Western, the Gothic, and Film Noir, from their inception in the early twentieth century to the present day. Course concentrates on a particular genre depending on the semester. Weekly film screenings. Prerequisite: ENG 102

ENG 374 – History of the Motion Picture  3 credit hours  
The study of film adaptation of literary narratives. Students compare and contrast the narrative conventions of fiction with the visual language of the film. Prerequisite: ENG 102
ENG 388 – GS Capstone  
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

ENG 404 – History of the English Language  
A survey of the origins and development of the English language, with special emphasis on modern methods of linguistic study. Prerequisite: ENG 234 or department permission

ENG 406 – Principles of Literary Criticism  
The methods and principles of literary criticism with special attention to critical vocabulary and the various strategies of reading literary texts. Prerequisite: ENG 234 or department permission

ENG 411 – Advanced Writing II  
A study of writing as a social act. Students study theoretical descriptions of rhetorical genre, audience, and situation. Besides writing papers that discuss these theories, students also practice writing in a situated rhetorical context and may be asked to work collaboratively. Prerequisite: ENG 102

ENG 415 – Advanced Fiction Writing  
Further study of the techniques of prose fiction, concentrating on stylistics. Student manuscripts, written for the course, will provide most of the examples for study. Contact department for permission to register. Prerequisite: ENG 211 or ENG 214 or ENG 215 or ENG 217

ENG 419 – Advanced Poetry Writing  
An advanced course in writing lyric poetry. Students concentrate upon their own style and subject matter. Prerequisite: ENG 211 or ENG 214 or ENG 215 or ENG 217

ENG 422 – Language for the Elementary Teacher  
This course is a practical survey of the current findings in language as they pertain to the Language Arts teacher. The topics it examines have been under discussion for some time and form a solid part of the developing body about the English language, particularly as related to the traditional responsibilities of the Language Arts teacher. Prerequisite: ENG 102

ENG 423 – Reading Problems of Secondary Schools  
This course proposes to enable teachers of English and other content areas to deal with those students who have reading problems as well as to increase reading ability in all students. Prerequisite: ENG 102

ENG 424 – Teaching Secondary School English  
Content and the teaching of language, literature, and composition in the secondary school.

ENG 425 – Children's Literature  
A study of texts recommended to and/or popular among children, informed by readings of literary criticism and historical discourses on childhood. Prerequisite: ENG 234 or ENG 235H or ENG 240H or ENG 250 or ENG 251 or ENG 252 or ENG 253 or ENG 254 or ENG 280H or department permission

ENG 426 – Literature for Adolescents  
A study of texts recommended to and/or popular among adolescents and young adults, informed by readings of literary criticism and historical discourses on youth. Prerequisite: ENG 234 or ENG 235H or ENG 240H or ENG 250 or ENG 251 or ENG 252 or ENG 253 or ENG 254 or ENG 280H or department permission.

ENG 427 – Electronic Literacy  
Students will explore ways of teaching English in the new electronic environment and examine the implications of the electronic environment on traditional curriculum and pedagogy. Prerequisite: ENG 234 or department permission

ENG 429 – Theory and Pedagogy of Writing  
Theory and Pedagogy of Writing will study topics and issues in teaching writing in the middle and secondary schools. The course will focus on the history and theory of composition rhetoric, the various subgenres of writing, the writing process elements, language and language conventions, workshop techniques, technological resources, and strategies for assessment. Prerequisite: ENG 102 and ENG 234 or equivalent

ENG 442 – Colonial/Early American Literature  
Surveys the emergence and development of Colonial and early U.S. national literature, from approximately 1620-1820, by examining the evolution of ideas about U.S. culture, society, and national identity as expressed in early American writers' fiction, poetry, drama, autobiography, essays, and journals. Prerequisite: ENG 234 or department permission

ENG 443 – Seminar in the American Renaissance  
This seminar will examine selected literary issues from the early Nineteenth Century to the rise of realism. Prerequisite: ENG 234 or department permission

ENG 444 – Seminar in American Realism  
A study of works of literary realism. The seminar focuses on literary responses to contemporary issues and explores the intersection of art and social conscience. Prerequisite: ENG 234 or department permission

ENG 445 – Seminar in Early 20th Century American Literature  
Each student will develop an in-depth project applying particular critical methodologies to a body of works representative of the American literary culture of the first half of the twentieth century. This seminar focuses primarily on American literary texts representative of late realism and early modernism, focusing on the growing awareness of indeterminacy and the role imaginative works might play in ordering reality. Students will produce a major paper, demonstrating their progress through the major. Prerequisite: ENG 234 or department permission

ENG 447 – Seminar in Post-World War II American Literature  
This seminar focuses primarily on American literary texts representative of late modernism and post-modernism and focusing on the growing awareness of America as a multivalent, multiracial, multiethnic society. Each student will develop an in-depth project applying particular critical methodologies to the selected works. Students will produce a major paper, demonstrating their progress through the major. Prerequisite: ENG 234 or department permission
ENG 450 – Seminar in World Literature  3 credit hours
A study of selected works in translation. Works will vary from semester to semester.
Prerequisite: ENG 234 or department permission

ENG 455 – The Graphic Novel  3 credit hours
This class will focus on the broad genre of art-writing called "visual narrative" in comic strips, single-panel cartoons, wordless novels, graphic journalism, superhero comics, saga, adaptation, and memoir. We will be discussing such technical issues as the relationship between image and text, their interdependent potential for unique literary expression, word adaptation to image, and graphic novel adaptation to film as well as thematic issues that vary by semester.
Prerequisite: ENG 234

ENG 458 – Great Plains Studies  1-3 credit hours
Offers the opportunity to reflect on life through the literature and other lore of the Great Plains. Through a different subject focus each offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on prairie.
Total Credits Allowed: 3.00

ENG 460 – Topics: Women's Literature  3 credit hours
Investigates in-depth topics and issues related to literature by and about women.
Prerequisite: ENG 234 or department permission

ENG 462 – Early/Middle English Literature  3 credit hours
Readings in special topics drawn from early/middle English literature.
Prerequisite: ENG 234 or department permission

ENG 463 – Seminar in Shakespeare  3 credit hours
Advanced course in Shakespeare’s dramatic works focused on genre, language, characterization, and theater. Criticism, film analysis, and reader’s theater will enhance students’ readings of the plays.
Prerequisite: ENG 234 or department permission

ENG 464 – Seminar in the Renaissance  3 credit hours
Advanced course in English Renaissance literature with some attention given to Continental influences. This course will cover various genres and authors and will include both Renaissance and modern criticism.
Prerequisite: ENG 234 or department permission

ENG 466 – Literature of the English Restoration and Eighteenth Century  3 credit hours
A study of the rise and decline of neoclassicism in non-dramatic literature from Dryden to Burns.
Prerequisite: ENG 234 or department permission

ENG 467 – Seminar in Romanticism  3 credit hours
Readings in special topics drawn from the Romantic literature of Western cultures. Emphasis can be on particular writers, genres, or critical issues.
Prerequisite: ENG 234 or department permission

ENG 468 – Seminar in Victorian Literature  3 credit hours
A study of selected British prose and poetry from approximately 1830 to 1900.
Prerequisite: ENG 234 or department permission

ENG 469 – Seminar in Modernism  3 credit hours
Specific topics will vary at each offering: topics will be based on specific author(s), themes/motifs, etc. The scope of the seminar is literature of international modernism (c. 1891-1950) written in English.
Prerequisite: ENG 234 or department permission

ENG 471 – Seminar in Rhetoric  3 credit hours
A capstone seminar in rhetoric designed to introduce students to rhetorical criticism, to familiarize students with recent developments in the field of composition and rhetoric, and to give them opportunities (1) to do research in the field by writing either a theoretical paper or a rhetorical criticism, or (2) to produce a professional-level document.
Prerequisite: ENG 102 and ENG 234 and an upper division writing course or department permission

ENG 474 – Postmodern/Contemporary British Literature  3 credit hours
A study of the major, international post-modernist texts written in English (exclusive of the U.S.). The course takes aim at the transnational and cross-genre post-modern elements of the texts. At each offering, a specific genre will be emphasized.
Prerequisite: ENG 234 or department permission

ENG 480 – Ft. Kearny Writers’ Workshop  1-3 credit hours
A workshop in creative writing for those who would like to improve their abilities in writing poetry, fiction, and drama.
Total Credits Allowed: 10.00

ENG 481 – Plains Literature Institute  1-3 credit hours
This course proposes to study major Western and Plains writers either individually, by theme, or by genre. Writers might include Nebraskan or regional writers.
Total Credits Allowed: 3.00

ENG 483 – Film Institute  1-3 credit hours
A study of the film in both its aesthetic as well as historical dimensions. Students will examine the development of film as both art and mass entertainment in addition to studying the various critical methods of interpreting the film.
Total Credits Allowed: 3.00

ENG 484 – Classic Literature of Childhood  3 credit hours
Historical and critical study of major writers for children and youth. Topics may vary from "Golden Age" children's literature of the nineteenth century (e.g. Carroll, Barrie, Burnett, Stevenson, Kipling) to more modern established texts (e.g., C.S. Lewis, L'Engle, Dahl, Seuss, Milne).
Prerequisite: ENG 234

ENG 485 – Narrative Strategies  3 credit hours
Study of language, structure, point of view, imagery, dialogue, setting character, and plot in works of fiction, including fiction written by class members. Aim is for students to demonstrate mastery of techniques and identify them in the literary works of others.
Prerequisite: ENG 211 or ENG 214 or ENG 215 or ENG 217

ENG 490 – Special Topics  1-3 credit hours
Specific topics in literature which are not covered in other departmental offerings. Format of the course will vary according to topic, instructor, and needs of the student.
Total Credits Allowed: 6.00

ENG 499 – Individual Research  1-3 credit hours
Independent study under the supervision of a major professor of language or literature.
Total Credits Allowed: 18.00
Prerequisite: ENG 234 or department permission

Childhood and Youth Studies Minor
Offered by Department of English (p. 229)
Minimum hours required for minor = 24
English (Elementary Education) Minor

Offered by Department of English (p. 229)

This course of study is only available to students seeking an Elementary Education Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
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<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(related to Childhood and Youth Studies)</td>
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</table>

Literature Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENG 425</td>
<td>Children's Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 426</td>
<td>Literature for Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>ENG 484</td>
<td>Classic Literature of Childhood</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 3-6 credit hours of the following: 3-6

- ENG 455 The Graphic Novel
- ENG 490 Special Topics (related to Childhood and Youth Studies)

Electives

Select 3-6 credit hours of the following: 3-6

- PSY 455 Adolescent Psychology
- CJUS 201 The Juvenile Justice System
- FAMS 251 The Developing Child 0-8
- FAMS 362 Families and Social Policy
- SOC 363 Juvenile Delinquency
- SOC 430 Sociology of Family

Total Credit Hours 21-27

1 Only 3 credit hours of ENG 490 may apply here.

English (Elementary Education) Minor

Offered by Department of English (p. 229)

This course of study is only available to students seeking an Elementary Education Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 234</td>
<td>Reading and Writing about Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 254</td>
<td>Reading and Writing about Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 425</td>
<td>Children's Literature</td>
<td>3</td>
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</table>

Select 15 credit hours of the following: 15

- United States Literature - 3-6 credit hours
- US Literature Literature - 3-6 credit hours
- British & Commonwealth Literature - 3-6 credit hours
- English Language - 3-6 credit hours

Total Credit Hours 24

1 Except ENG 188 or ENG 388

English - Writing Emphasis, Bachelor of Arts

Offered by Department of English (p. 229)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 211</td>
<td>Introduction to Creative Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 214</td>
<td>Beginning Fiction Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 215</td>
<td>Beginning Creative Writing for the Stage/Screen</td>
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</table>

Total Credit Hours 120

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ENG 234</td>
<td>Reading and Writing about Literature</td>
<td>3</td>
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<td></td>
<td>Select 6 credit hours of the following:</td>
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<tr>
<td></td>
<td>- ENG 336 Ancient Literatures</td>
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</tr>
<tr>
<td></td>
<td>- ENG 362A Survey of British and Commonwealth</td>
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<tr>
<td></td>
<td>Literature I</td>
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<td></td>
<td>- ENG 442 Colonial/Early American Literature</td>
<td></td>
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<tr>
<td></td>
<td>- ENG 462 Early/Middle English Literature</td>
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<tr>
<td></td>
<td>- ENG 463 Seminar in Shakespeare</td>
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<tr>
<td></td>
<td>- ENG 464 Seminar in the Renaissance</td>
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</tr>
<tr>
<td></td>
<td>- ENG 466 Literature of the English Restoration and Eighteenth Century</td>
<td></td>
</tr>
</tbody>
</table>

Select 15 credit hours of the following Writing/Composition courses: 15

- ENG 211 Introduction to Creative Writing
- ENG 214 Beginning Fiction Writing
- ENG 215 Beginning Creative Writing for the Stage/Screen
- ENG 217 Beginning Poetry Writing
ENG 311 Advanced Writing I
ENG 320 Creative Play/Script Writing
ENG 411 Advanced Writing II
ENG 415 Advanced Fiction Writing
ENG 419 Advanced Poetry Writing
ENG 429 Theory and Pedagogy of Writing
ENG 471 Seminar in Rhetoric
ENG 485 Narrative Strategies
Select 3 credit hours of the following Language courses: 3
ENG 303 Introduction to Linguistics
ENG 304 Grammar I
ENG 404 History of the English Language
ENG 422 Language for the Elementary Teacher

Literature Electives
Select 9 credit hours of any of the following: 9

Honors Courses
ENG 235H American Studies
ENG 240H Literary Classics of the Western World
ENG 280H Special Topics

Literature Courses
ENG 330 European Literature in Translation
ENG 333 Non-Western Literature in Translation
ENG 336 Ancient Literatures
ENG 337 Special Topics in Popular Literature
ENG 338 Studies in a Literary Genre
ENG 352A Survey of US Literature I
ENG 352B Survey of US Literature II
ENG 358 Literature of the American West
ENG 359 Contemporary American Multicultural Literature
ENG 360 American Women Writers
ENG 362A Survey of British and Commonwealth Literature I
ENG 362B Survey of British and Commonwealth Literature II
ENG 373 Film Genre
ENG 374 History of the Motion Picture
ENG 406 Principles of Literary Criticism
ENG 425 Children's Literature
ENG 426 Literature for Adolescents
ENG 442 Colonial/Early American Literature
ENG 443 Seminar in the American Renaissance
ENG 444 Seminar in American Realism
ENG 445 Seminar in Early 20th Century American Literature
ENG 447 Seminar in Post-World War II American Literature
ENG 450 Seminar in World Literature
ENG 460 Topics: Women's Literature
ENG 462 Early/Middle English Literature
ENG 463 Seminar in Shakespeare
ENG 464 Seminar in the Renaissance
ENG 466 Literature of the English Restoration and Eighteenth Century
ENG 467 Seminar in Romanticism
ENG 468 Seminar in Victorian Literature
ENG 469 Seminar in Modernism
ENG 474 Postmodern/Contemporary British Literature

Institutes, Workshops, Special Topics, Independent Studies Courses
ENG 480 Ft. Kearny Writers' Workshop
ENG 481 Plains Literature Institute
ENG 490 Special Topics
ENG 499 Individual Research

Total Credit Hours 36

1 For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3 3 credit hour maximum.

English 7-12 Teaching Subject Endorsement, Bachelor of Arts in Education
Offered by Department of English (p. 229)

Code Title Credit Hours

General Studies
Foundational Core (Written, Math, Oral, Democracy)
Foundational Core courses (p. 460) 12
Including:
ENG 102 Academic Writing and Research
SPCH 100 Fundamentals of Speech Communication
TE 100 Teaching in a Democratic Society

Portal
Select one course numbered 188 (p. 465) 3

Distribution
ENG 101 Introduction to Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Including:
PSCI 110 Introduction to American Politics

Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 3
Including:
PE 150 Healthy Wealthy and Wise

Capstone
Select one course numbered 388 (p. 461) 3
Professional Sequence
Complete all required courses 1 25

Endorsement
Complete all required courses 36

Unrestricted electives
Needed to reach 120 credit hour minimum 13

Total Credit Hours 120

Endorsement

<table>
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<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
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<tr>
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<td>Literature 2</td>
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<td></td>
<td>Select 3 credit hours of the following American literature courses:</td>
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<tr>
<td></td>
<td>ENG 352A Survey of US Literature I</td>
<td></td>
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<tr>
<td></td>
<td>ENG 352B Survey of US Literature II</td>
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<tr>
<td></td>
<td>ENG 358 Literature of the American West</td>
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<td>ENG 359 Contemporary American Multicultural Literature</td>
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<td>ENG 360 American Women Writers</td>
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<td>ENG 442 Colonial/Early American Literature</td>
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<td>ENG 443 Seminar in the American Renaissance</td>
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<td>ENG 444 Seminar in American Realism</td>
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<td>ENG 445 Seminar in Early 20th Century American Literature</td>
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<td></td>
<td>ENG 447 Seminar in Post-World War II American Literature</td>
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<td></td>
<td>Select 3 credit hours of the following British literature courses:</td>
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<tr>
<td></td>
<td>ENG 362A Survey of British and Commonwealth Literature I</td>
<td></td>
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<tr>
<td></td>
<td>ENG 362B Survey of British and Commonwealth Literature II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 462 Early/Middle English Literature</td>
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<td></td>
<td>ENG 463 Seminar in Shakespeare</td>
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<td></td>
<td>ENG 464 Seminar in the Renaissance</td>
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<tr>
<td></td>
<td>ENG 466 Literature of the English Restoration and Eighteenth Century</td>
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<td></td>
<td>ENG 467 Seminar in Romanticism</td>
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<td></td>
<td>ENG 468 Seminar in Victorian Literature</td>
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<td></td>
<td>ENG 474 Postmodern/Contemporary British Literature</td>
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<tr>
<td></td>
<td>Select 3 credit hours of the following world literature courses:</td>
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<td>ENG 252 Introduction to Literature: Western Civilization</td>
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<tr>
<td></td>
<td>ENG 253 Intro to Literature: Non-Western Civilization</td>
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<td></td>
<td>ENG 330 European Literature in Translation</td>
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<tr>
<td></td>
<td>ENG 333 Non-Western Literature in Translation</td>
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<td></td>
<td>ENG 336 Ancient Literatures</td>
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<tr>
<td></td>
<td>ENG 450 Seminar in World Literature</td>
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</tr>
</tbody>
</table>

Select 3-6 credit hours of the following:
- ENG 211 Introduction to Creative Writing
- ENG 214 Beginning Fiction Writing
- ENG 215 Introduction to Creative Writing for the Stage/Screen
- ENG 217 Beginning Poetry Writing
- ENG 320 Creative Play/Script Writing

Select 0-3 credit hours of the following:
- ENG 311 Advanced Writing I
- ENG 411 Advanced Writing II
- ENG 415 Advanced Fiction Writing
- ENG 419 Advanced Poetry Writing
- ENG 429 Theory and Pedagogy of Writing
- ENG 471 Seminar in Rhetoric

Language
- ENG 404 History of the English Language 3
- ENG 303 Introduction to Linguistics 3
- or ENG 304 Grammar I 3

Pedagogy
- ENG 424 Teaching Secondary School English 3
- ENG 427 Electronic Literacy 3

Electives
Select 6 credit hours of additional ENG courses 3 6

Total Credit Hours 36

1 Students must apply for admission to all Teacher Education programs. (p. 404)
2 In all three categories, topics classes may be included by department permission.
3 Except ENG 188 or ENG 388.

English Minor

Offered by Department of English (p. 229)

(Only Honors General Studies courses listed are applicable to this minor.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Requirements</td>
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<tr>
<td></td>
<td>Code Title Credit Hours</td>
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<tr>
<td></td>
<td>Literature Emphasis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select all of the following to total 21 credit hours:</td>
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<tr>
<td></td>
<td>Select 15 credit hours of Literature courses</td>
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<tr>
<td></td>
<td>Select 3 credit hours of English language courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 3 credit hours of Writing courses</td>
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</tr>
<tr>
<td></td>
<td>Writing Emphasis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select all of the following to total 21 credit hours:</td>
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<tr>
<td></td>
<td>Select 6-9 credit hours of Literature courses</td>
<td></td>
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<tr>
<td></td>
<td>Select 3 credit hours of English language courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 9-12 credit hours of Writing courses</td>
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<tr>
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<td>Total Credit Hours</td>
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### Literature Courses

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<tr>
<td>ENG 235H</td>
<td>American Studies</td>
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<td>ENG 240H</td>
<td>Literary Classics of the Western World</td>
<td>3</td>
</tr>
<tr>
<td>ENG 260</td>
<td>Images of Women in Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 280H</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 330</td>
<td>European Literature in Translation</td>
<td>3</td>
</tr>
<tr>
<td>ENG 333</td>
<td>Non-Western Literature in Translation</td>
<td>3</td>
</tr>
<tr>
<td>ENG 336</td>
<td>Ancient Literatures</td>
<td>3</td>
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<tr>
<td>ENG 337</td>
<td>Special Topics in Popular Literature</td>
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<td>ENG 338</td>
<td>Studies in a Literary Genre</td>
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<td>ENG 352A</td>
<td>Survey of US Literature I</td>
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<td>ENG 352B</td>
<td>Survey of US Literature II</td>
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<td>ENG 358</td>
<td>Literature of the American West</td>
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<td>ENG 359</td>
<td>Contemporary American Multicultural Lit</td>
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<td>ENG 360</td>
<td>American Women Writers</td>
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<td>ENG 362A</td>
<td>Survey of British and Commonwealth Literature I</td>
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<tr>
<td>ENG 362B</td>
<td>Survey of British and Commonwealth Literature II</td>
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<td>ENG 373</td>
<td>Film Genre</td>
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<td>ENG 374</td>
<td>History of the Motion Picture</td>
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<td>Principles of Literary Criticism</td>
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<td>ENG 425</td>
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<td>ENG 442</td>
<td>Colonial/Early American Literature</td>
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<td>ENG 443</td>
<td>Seminar in the American Renaissance</td>
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<td>Seminar in American Realism</td>
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<td>ENG 445</td>
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<td>ENG 447</td>
<td>Seminar in Post-World War II American Literature</td>
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<td>ENG 450</td>
<td>Seminar in World Literature</td>
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<tr>
<td>ENG 460</td>
<td>Topics: Women's Literature</td>
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<td>ENG 462</td>
<td>Early/Middle English Literature</td>
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<tr>
<td>ENG 463</td>
<td>Seminar in Shakespeare</td>
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<td>ENG 464</td>
<td>Seminar in the Renaissance</td>
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<td>ENG 466</td>
<td>Literature of the English Restoration and Eighteenth Century</td>
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<td>ENG 467</td>
<td>Seminar in Romanticism</td>
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<td>ENG 468</td>
<td>Seminar in Victorian Literature</td>
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<td>ENG 469</td>
<td>Seminar in Modernism</td>
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<tr>
<td>ENG 480</td>
<td>Ft. Kearny Writers' Workshop</td>
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<td>ENG 481</td>
<td>Plains Literature Institute</td>
<td>1-3</td>
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<td>ENG 483</td>
<td>Film Institute</td>
<td>1-3</td>
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<tr>
<td>ENG 490</td>
<td>Special Topics</td>
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### English Language Courses

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<tr>
<td>ENG 303</td>
<td>Introduction to Linguistics</td>
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<tr>
<td>ENG 304</td>
<td>Grammar I</td>
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</tr>
<tr>
<td>ENG 404</td>
<td>History of the English Language</td>
<td>3</td>
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<tr>
<td>ENG 422</td>
<td>Language for the Elementary Teacher</td>
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### Writing Courses

<table>
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<tbody>
<tr>
<td>ENG 211</td>
<td>Introduction to Creative Writing</td>
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<tr>
<td>ENG 214</td>
<td>Beginning Fiction Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 215</td>
<td>Introduction to Creative Writing for the Stage/Screen</td>
<td>3</td>
</tr>
<tr>
<td>ENG 217</td>
<td>Beginning Poetry Writing</td>
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<tr>
<td>ENG 311</td>
<td>Advanced Writing I</td>
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<td>ENG 320</td>
<td>Creative Play/Script Writing</td>
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<td>ENG 411</td>
<td>Advanced Writing II</td>
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<tr>
<td>ENG 415</td>
<td>Advanced Fiction Writing</td>
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<tr>
<td>ENG 419</td>
<td>Advanced Poetry Writing</td>
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<td>ENG 429</td>
<td>Theory and Pedagogy of Writing</td>
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<tr>
<td>ENG 471</td>
<td>Seminar in Rhetoric</td>
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</tr>
<tr>
<td>ENG 480</td>
<td>Ft. Kearny Writers' Workshop</td>
<td>1-3</td>
</tr>
</tbody>
</table>

May count in one of the areas above, depending on course content. See advisor:

- ENG 499, Individual Research - 3 credit hours

### English Minor in Creative Writing

#### English Courses

Take all of the following:

- ENG 211, Introduction to Creative Writing - 3 credit hours
- ENG 234, Reading and Writing about Literature - 3 credit hours

#### Writing Courses

Take 6-9 hours from the following:

- ENG 214, Beginning Fiction Writing - 3 credit hours
- ENG 215, Introduction to Creative Writing for the Stage/Screen - 3 credit hours
- ENG 217, Beginning Poetry Writing - 3 credit hours

#### Advanced Writing Courses

Take 6 hours from the following:

- ENG 320, Creative Play/Script Writing - 3 credit hours
- ENG 415, Advanced Fiction Writing - 3 credit hours
- ENG 419, Advanced Poetry Writing - 3 credit hours
- ENG 485, Narrative Strategies - 3 credit hours

#### Literature Electives

Take 3 hours from the following:

- ENG 330, European Literature in Translation - 3 credit hours
- ENG 333, Non-Western Literature in Translation - 3 credit hours
- ENG 336, Ancient Literatures - 3 credit hours
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 337</td>
<td>Special Topics in Popular Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 338</td>
<td>Studies in a Literary Genre</td>
<td></td>
</tr>
<tr>
<td>ENG 352A</td>
<td>Survey of US Literature I</td>
<td></td>
</tr>
<tr>
<td>ENG 352B</td>
<td>Survey of US Literature II</td>
<td></td>
</tr>
<tr>
<td>ENG 358</td>
<td>Literature of the American West</td>
<td></td>
</tr>
<tr>
<td>ENG 359</td>
<td>Contemporary American Multicultural Lit</td>
<td></td>
</tr>
<tr>
<td>ENG 360</td>
<td>American Women Writers</td>
<td></td>
</tr>
<tr>
<td>ENG 362A</td>
<td>Survey of British and Commonwealth Literature I</td>
<td></td>
</tr>
<tr>
<td>ENG 362B</td>
<td>Survey of British and Commonwealth Literature II</td>
<td></td>
</tr>
<tr>
<td>ENG 373</td>
<td>Film Genre</td>
<td></td>
</tr>
<tr>
<td>ENG 374</td>
<td>History of the Motion Picture</td>
<td></td>
</tr>
<tr>
<td>ENG 406</td>
<td>Principles of Literary Criticism</td>
<td></td>
</tr>
<tr>
<td>ENG 425</td>
<td>Children's Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 426</td>
<td>Literature for Adolescents</td>
<td></td>
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<tr>
<td>ENG 442</td>
<td>Colonial/Early American Literature</td>
<td></td>
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<td>ENG 443</td>
<td>Seminar in the American Renaissance</td>
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</tr>
<tr>
<td>ENG 444</td>
<td>Seminar in American Realism</td>
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<tr>
<td>ENG 445</td>
<td>Seminar in Early 20th Century American Literature</td>
<td></td>
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<tr>
<td>ENG 447</td>
<td>Seminar in Post-World War II American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 450</td>
<td>Seminar in World Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 460</td>
<td>Topics: Women's Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 462</td>
<td>Early/Middle English Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 463</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG 464</td>
<td>Seminar in the Renaissance</td>
<td></td>
</tr>
<tr>
<td>ENG 466</td>
<td>Literature of the English Restoration and Eighteenth Century</td>
<td>3</td>
</tr>
<tr>
<td>ENG 467</td>
<td>Seminar in Romanticism</td>
<td></td>
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<tr>
<td>ENG 468</td>
<td>Seminar in Victorian Literature</td>
<td></td>
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<tr>
<td>ENG 469</td>
<td>Seminar in Modernism</td>
<td></td>
</tr>
<tr>
<td>ENG 474</td>
<td>Postmodern/Contemporary British Literature</td>
<td></td>
</tr>
</tbody>
</table>

English, Bachelor of Arts

Offered by Department of English (p. 229)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 234</td>
<td>Reading and Writing about Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 336</td>
<td>Ancient Literatures</td>
<td></td>
</tr>
<tr>
<td>ENG 362A</td>
<td>Survey of British and Commonwealth Literature I</td>
<td></td>
</tr>
<tr>
<td>ENG 442</td>
<td>Colonial/Early American Literature</td>
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<tr>
<td>ENG 462</td>
<td>Early/Middle English Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 463</td>
<td>Seminar in Shakespeare</td>
<td></td>
</tr>
<tr>
<td>ENG 464</td>
<td>Seminar in the Renaissance</td>
<td></td>
</tr>
<tr>
<td>ENG 466</td>
<td>Literature of the English Restoration and Eighteenth Century</td>
<td>3</td>
</tr>
<tr>
<td>ENG 471</td>
<td>Seminar in Rhetoric</td>
<td></td>
</tr>
</tbody>
</table>

Select 3 credit hours of the following Writing/Composition courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 211</td>
<td>Introduction to Creative Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 214</td>
<td>Beginning Fiction Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 215</td>
<td>Introduction to Creative Writing for the Stage/Screen</td>
<td>3</td>
</tr>
<tr>
<td>ENG 217</td>
<td>Beginning Poetry Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 311</td>
<td>Advanced Writing I</td>
<td></td>
</tr>
<tr>
<td>ENG 320</td>
<td>Creative Play/Script Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 411</td>
<td>Advanced Writing II</td>
<td></td>
</tr>
<tr>
<td>ENG 415</td>
<td>Advanced Fiction Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 419</td>
<td>Advanced Poetry Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 429</td>
<td>Theory and Pedagogy of Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 471</td>
<td>Seminar in Rhetoric</td>
<td></td>
</tr>
</tbody>
</table>

Select 3 credit hours of the following Language courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 303</td>
<td>Introduction to Linguistics</td>
<td></td>
</tr>
<tr>
<td>ENG 304</td>
<td>Grammar I</td>
<td></td>
</tr>
<tr>
<td>ENG 404</td>
<td>History of the English Language</td>
<td></td>
</tr>
<tr>
<td>ENG 422</td>
<td>Language for the Elementary Teacher</td>
<td></td>
</tr>
</tbody>
</table>
Select 21 credit hours of any of the following: 21

**Honors Courses**
- ENG 235H American Studies
- ENG 240H Literary Classics of the Western World
- ENG 280H Special Topics

**Literature Courses**
- ENG 330 European Literature in Translation
- ENG 333 Non-Western Literature in Translation
- ENG 336 Ancient Literatures
- ENG 337 Special Topics in Popular Literature
- ENG 338 Studies in a Literary Genre
- ENG 352A Survey of US Literature I
- ENG 352B Survey of US Literature II
- ENG 358 Literature of the American West
- ENG 359 Contemporary American Multicultural Literature
- ENG 360 American Women Writers
- ENG 362A Survey of British and Commonwealth Literature I
- ENG 362B Survey of British and Commonwealth Literature II
- ENG 363 Film Genre
- ENG 373 Film Genre
- ENG 374 History of the Motion Picture
- ENG 425 Children's Literature
- ENG 426 Literature for Adolescents
- ENG 427 Colonial/Early American Literature
- ENG 443 Seminar in the American Renaissance
- ENG 444 Seminar in American Realism
- ENG 445 Seminar in Early 20th Century American Literature
- ENG 447 Seminar in Post-World War II American Literature
- ENG 450 Seminar in World Literature
- ENG 460 Topics: Women's Literature
- ENG 462 Early/Middle English Literature
- ENG 463 Seminar in Shakespeare
- ENG 464 Seminar in the Renaissance
- ENG 466 Literature of the English Restoration and Eighteenth Century
- ENG 467 Seminar in Romanticism
- ENG 468 Seminar in Victorian Literature
- ENG 469 Seminar in Modernism
- ENG 474 Postmodern/Contemporary British Literature

**Institutes, Workshops, Special Topics, Independent Studies Courses**
- ENG 480 Ft. Kearny Writers’ Workshop
- ENG 481 Plains Literature Institute
- ENG 490 Special Topics
- ENG 499 Individual Research

Total Credit Hours 36

---

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

2 3 credit hour maximum.

**Film Studies Minor**

Offered by Department of English (p. 229)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 220</td>
<td>Introduction to Film Studies</td>
<td>3</td>
</tr>
<tr>
<td>ENG 373</td>
<td>Film Genre</td>
<td>3</td>
</tr>
<tr>
<td>ENG 374</td>
<td>History of the Motion Picture</td>
<td>3</td>
</tr>
<tr>
<td>JMC 250</td>
<td>Video Production Foundations</td>
<td>2</td>
</tr>
</tbody>
</table>

**Electives:**

Take 12 hours from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 215</td>
<td>Introduction to Creative Writing for the Stage/Screen</td>
<td></td>
</tr>
<tr>
<td>ENG 320</td>
<td>Creative Play/Script Writing</td>
<td></td>
</tr>
<tr>
<td>ENG 483</td>
<td>Film Institute</td>
<td></td>
</tr>
<tr>
<td>FORL 337</td>
<td>Seminar on Foreign Film</td>
<td></td>
</tr>
<tr>
<td>HIST 406</td>
<td>History and Film</td>
<td></td>
</tr>
<tr>
<td>JMC 265</td>
<td>Video Production</td>
<td></td>
</tr>
<tr>
<td>THEA 120</td>
<td>Introduction to the Theatre</td>
<td></td>
</tr>
<tr>
<td>THEA 210</td>
<td>Playscript Analysis</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 23

**Language Arts 7-12 Teaching Field Endorsement, Bachelor of Arts in Education**

Offered by Department of English (p. 229)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td></td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td></td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td></td>
</tr>
</tbody>
</table>

**General Studies**

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses 12

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution**

Select one course numbered 188 (p. 465) 3

**Aesthetics** (p. 460) 3

Including:
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 120</td>
<td>Introduction to the Theatre</td>
<td></td>
</tr>
</tbody>
</table>

**Humanities**

Select one of the following:

- ENG 250  Introduction to Literature: British Literature
- ENG 251  Introduction to Literature: American Literature
- ENG 252  Introduction to Literature: Western Civilization
- ENG 253  Intro to Literature: Non-Western Civilization
- ENG 254  Introduction to Literature: Special Topics

**Social Sciences (p. 465)**

- PSCE 110  Introduction to American Politics

**Natural Sciences (p. 464)**

- Analytical and Quantitative Thought (p. 460)
- Wellness (p. 466)

Select one course numbered 388 (p. 461)

**Professional Sequence**

Complete all required courses

**Endorsement**

Complete all required courses

**Unrestricted Electives**

120 Total Credit Hours

---

**Endorsement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 352A</td>
<td>Survey of US Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 352B</td>
<td>Survey of US Literature II</td>
<td></td>
</tr>
<tr>
<td>ENG 358</td>
<td>Literature of the American West</td>
<td></td>
</tr>
<tr>
<td>ENG 359</td>
<td>Contemporary American Multicultural Literature</td>
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<tr>
<td>ENG 360</td>
<td>American Women Writers</td>
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<td>ENG 442</td>
<td>Colonial/Early American Literature</td>
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<tr>
<td>ENG 443</td>
<td>Seminar in the American Renaissance</td>
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<tr>
<td>ENG 444</td>
<td>Seminar in American Realism</td>
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<tr>
<td>ENG 445</td>
<td>Seminar in Early 20th Century American Literature</td>
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<tr>
<td>ENG 447</td>
<td>Seminar in Post-World War II American Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 362A</td>
<td>Survey of British and Commonwealth Literature I</td>
<td>3</td>
</tr>
<tr>
<td>ENG 362B</td>
<td>Survey of British and Commonwealth Literature II</td>
<td></td>
</tr>
<tr>
<td>ENG 462</td>
<td>Early/Middle English Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 463</td>
<td>Seminar in Shakespeare</td>
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</tr>
<tr>
<td>ENG 464</td>
<td>Seminar in the Renaissance</td>
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</tbody>
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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 466</td>
<td>Literature of the English Restoration and Eighteenth Century</td>
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<tr>
<td>ENG 467</td>
<td>Seminar in Romanticism</td>
<td></td>
</tr>
<tr>
<td>ENG 468</td>
<td>Seminar in Victorian Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 474</td>
<td>Postmodern/Contemporary British Literature</td>
<td></td>
</tr>
</tbody>
</table>

Select 3 credit hours of the following world literature:

- ENG 253  Intro to Literature: Non-Western Civilization
- ENG 330  European Literature in Translation
- ENG 333  Non-Western Literature in Translation
- ENG 336  Ancient Literatures
- ENG 450  Seminar in World Literature

**Required Language**

- ENG 304  Grammar I                                                   | 3            |
- ENG 404  History of the English Language                             | 3            |

**Required Writing**

- ENG 234  Reading and Writing about Literature                        | 3            |

Select one of the following:

- ENG 211  Introduction to Creative Writing                             | 3            |
- ENG 214  Beginning Fiction Writing                                    |              |
- ENG 215  Introduction to Creative Writing for the Stage/Screen       |              |
- ENG 217  Beginning Poetry Writing                                     |              |
- ENG 311  Advanced Writing I                                           |              |
- ENG 320  Creative Play/Script Writing                                 |              |
- ENG 429  Theory and Pedagogy of Writing                               |              |

**Required Pedagogy**

- ENG 424  Teaching Secondary School English                           | 3            |
- ENG 427  Electronic Literacy                                          | 3            |

**Electives**

Select 11 credit hours in English

**Required Communications**

Select one course from each category (9 credit hours) and one additional course from any of the categories:

- Journalism/Mass Communications
  - JMC 112  Communication Software                                    |              |
  - JMC 220  Photojournalism                                            |              |
  - JMC 226  Audio Production & Announcing                             |              |
  - JMC 250  Video Production Foundations                              |              |

**Speech**

Select the following required course:

- SPCH 400  The Teaching of Speech                                     |              |

You may choose an additional elective from the following:

- SPCH 231  Introduction to Forensics and Debate                       |              |
- SPCH 237  Intercollegiate Debate and Forensics                       |              |
- SPCH 270  Advanced Public Speaking                                   |              |
- SPCH 332  Logic Argumentation and Reasoning                         |              |
- SPCH 340  Professional Communication                               |              |
- SPCH 360  Persuasion and Propaganda                                  |              |

**Theater**

- THEA 135  Introduction to Stage Technology                           |              |
- THEA 210  Playscript Analysis                                        |              |
**THEA 225**  
Acting I

Total Credit Hours 49

1. Students must apply for admission to all Teacher Education programs (p. 404).

2. In all three categories, topics classes may be included by department permission.

3. Except ENG 188 or ENG 388. Especially recommended: 300/400 level literature or language courses; ENG 423, Reading Problems of Secondary Schools; ENG 426, Literature for Adolescents; additional writing courses.

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**English - Popular Culture Minor**

Offered by Department of English (p. 229)

ENG 101 should be completed prior to taking coursework for this minor. Prior completion of ENG 102 is strongly advised.

24 credit hours minimum required.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 234</td>
<td>Reading and Writing about Literature</td>
<td>3</td>
</tr>
<tr>
<td>Select 6-15 credit hours of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics</td>
<td>1</td>
</tr>
<tr>
<td>ENG 337</td>
<td>Special Topics in Popular Literature</td>
<td>1</td>
</tr>
<tr>
<td>ENG 373</td>
<td>Film Genre</td>
<td>1</td>
</tr>
<tr>
<td>ENG 374</td>
<td>History of the Motion Picture</td>
<td>1</td>
</tr>
<tr>
<td>ENG 425</td>
<td>Children’s Literature</td>
<td>1</td>
</tr>
<tr>
<td>ENG 426</td>
<td>Literature for Adolescents</td>
<td>1</td>
</tr>
<tr>
<td>ENG 427</td>
<td>Electronic Literacy</td>
<td>1</td>
</tr>
</tbody>
</table>

**Writing Courses**

Select 0-6 credit hours of the following: 0-6

- ENG 214   Beginning Fiction Writing
- ENG 320   Creative Play/Script Writing
- ENG 415   Advanced Fiction Writing

**Music Courses**

Select 0-9 credit hours of the following: 0-9

- MUS 101  American Musical Theatre
- MUS 106  Introduction to Jazz and Blues
- MUS 107  Introduction to Rock and Blues

Total Credit Hours 9-33

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1. Course may be repeated once on a different topic.

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**Department of Family Studies**

**Mission**

The mission of Family Studies is to enable families, both as individual units and generally as a social institution to build and maintain systems of action which lead

1. to maturing in individual self formation,

2. to encourage enlightened, cooperative participation in the critique and formation of social goals and means of accomplishing them; and

3. to enable individuals to be critically aware of consumer resources and their management as well as to develop the competence to base actions upon rational, responsible decisions.

(The Department’s mission statement is adopted in part from the Mission Statement of the American Association of Family and Consumer Sciences.)

**Department Objectives**

- Family Studies: To present opportunities to identify universal principles governing development in the family, encounter and analyze a variety of theories, and study the complex but integrated life-styles and family structures which evolve over the life span.

- The Family Studies program is certified by the National Council on Family Relations.

(Students fulfilling the NCFR Curriculum requirements may apply for the Provisional Certified Family Life Educator (CFLE) designation.)

**Department Policy**

All students completing a major or minor in the department will be required to earn a “C” or better grade in all FAMS courses in the major or minor.

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**College of Business and Technology**

**Graduation Requirements**

All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.

All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 credit hours of credit needed for their degree from the University of Nebraska at Kearney.

All students graduating with a degree from the College of Business and Technology are required to complete 3 credit hours of designated Experiential Learning (EL) coursework.

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**Family Studies Major**

Two options are available in this major:

1. Family Studies (p. 244) - Bachelor of Science Degree

2. Early Childhood and Family Advocacy Comprehensive (p. 243) - Bachelor of Science Degree

Family Studies offers minors in Family Studies (p. 244) and Nutrition (p. 245).

Sylvia Asay (http://aaunk.unk.edu/catalogs/current/fac/faculty.asp#asaysy), Chair

Professor: Sylvia Asay, Tami Moore, Jeanne Stolzer

Associate Professor: Toni Hill

Assistant Professor: Rebecca Hermance, Sharon Obasi, Dana Vaux

Senior Lecturer: Peggy Johnston

Lecturer: Theodore Larsen, Jeff Nordhues
Family Studies

FAMS 110 – Introduction to Nutrition  3 credit hours
Scientific basis of nutrition, nutrients and their functions, sources of deficiency diseases requirements and basic interrelationships of nutrients. Nutrition throughout the life cycle.

FAMS 150 – Lifespan Development and the Family  3 credit hours
This course is designed to facilitate an initial, critical understanding of human development. Various aspects, themes, and influences of development are examined across the lifespan, with particular emphasis placed on the familial, cultural, cognitive, theoretical and physical aspects of the ever developing human.

FAMS 151 – Human Sexual Behavior  3 credit hours
A course designed to help the individual to understand himself as a whole person so that he relates to others in a healthy, constructive and meaningful manner. Evaluation of one’s own values in relation to life-style and the value structure of society.

FAMS 160 – Personal Money Management  3 credit hours
Fundamentals of personal finance: budgeting, banking, life insurance, accident, health, and casualty insurance, investments, taxes, and social security.

FAMS 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.

FAMS 250 – Infant Development  3 credit hours
A study of growth and development, principles of guidance, and care of children from conception through two years of age including changing concepts affecting parenthood.

FAMS 251 – The Developing Child 0-8  3 credit hours
The course is designed to facilitate an in depth study of developmental processes from conception to age eight. Readings, lectures, and class discussions will provide students with a fundamental understanding of particular developmental stages using a multi-theoretical framework.

FAMS 253 – Child and Adolescent Development  3 credit hours
A study of the growth, maturational and developmental characteristics of children from early childhood through adolescence. Principles, examples and practical issues involved in the guidance of children through childhood through adolescence as they traverse various stages of psycho-social, cognitive and physical development.

FAMS 280 – Field Experience: Diversity in the Profession  2 credit hours
The experience provides the student with an introduction to the diverse work world of Family Studies. It is designed to help the student to focus on a particular area in career preparation.

FAMS 302 – Parent Education  3 credit hours
The purpose of this course is to give students and understanding of parenting and the parent-child relationship from a theoretically-guided and research based perspective. Students also will gain a better understanding of the basic principles relating to the process of creating parent education materials and facilitating parent education programs. This course is designed to give students a base upon which to work with parents and to further develop parent education skills by applying and practicing concepts related to parenting and parent education.

FAMS 340 – Family Life Education  3 credit hours
The purpose of this course is to give students an understanding of the general philosophy and broad principles of family life education methodology. By the end of the course, students will have the ability to develop, facilitate, locate, and evaluate family life education programs. It is recommended that students take FSID 302: Parent Education before taking this course.

FAMS 351 – Marriage and Family Relationships  3 credit hours
A course designed to help the individual develop some very personal insight and a sensitive awareness about the feelings and meanings of relationships in love, marriage and family relationships.

FAMS 362 – Families and Social Policy  3 credit hours
The study of social policy and its impact on families.

FAMS 380 – Advanced Nutrition  3 credit hours
The study of the cell and its nourishment, the metabolism of macronutrients, the regulatory nutrients, the impact of nutrients on homeostasis in body, and the design and interpretation of nutrition research.

FAMS 395 – Individual Studies in FAMS  1-3 credit hours
Independent study of Family Studies to meet the needs of the student. For majors only.

FAMS 402 – Research and Analysis in Family Studies  3 credit hours
Analysis of major studies and current literature.

FAMS 404 – Family Studies Ethical and Professional Practice  3 credit hours
Research/grant acquisition, fundraising fundamentals and career preparation.

FAMS 406 – Family Resource Management  3 credit hours
Theory and experiences in management dealing with the problems of individual and family living.

FAMS 430 – Grantwriting and Fundraising for Human Service Programs  3 credit hours
This course introduces the student to the fundamentals of grantwriting and fundraising including the principles of marketing used to identify need, locating funding sources, using persuasive technical writing to create a grant proposal and a fundraising plan, and preparing necessary budgets for allocation of resources available. The course includes hands-on experience in preparing a grant proposal and in creating effective fundraising campaigns.
FAMS 450 – The Aging Adult  3 credit hours
This course examines the various aspects of aging including the physical, psychological, and social issues of elders. These aspects of aging are examined from individual, cohort, family and global perspectives. Students explore and examine aging issues through the use of formal research, personal interviews, site visits, and agency presentations.

FAMS 465 – Advanced Study of Sexual Behaviors  3 credit hours
An in-depth survey of human sexual behavior from psychological, sociological, biological, ethological, historical, and economic perspectives
Prerequisite: Junior or senior standing

FAMS 475 – Internship  1-9 credit hours
Internship is defined as a set of variable experiences, inter- or intra-institutions to include clinical or work-related experiences. The purpose of this course is to provide experiences in the various areas of Family Studies. It provides students with opportunities for broader experience and enables them to develop competencies which meet requirements of professional accrediting agencies.
Total Credits Allowed: 12.00

FAMS 476 – Child & Family Home Visitation  3 credit hours
This course focuses on issues relevant to professionals engaged in home visits with families parenting infants and young children. The course is designed to enhance the skill set required to effectively work with diverse children and their families. Family empowerment and advocacy skills will be enhanced.
Prerequisite: FAMS 150 or FAMS 251 or FAMS 253 or permission of instructor

FAMS 481 – Cross-Cultural Family Patterns  3 credit hours
Comparative research of familial behavior and structural patterns of various cultures. Analysis and evaluation of the impact of differing cultures on societal and family interactions.

FAMS 486 – Families in Crisis  3 credit hours
This course enables Family Studies and other service and social support-oriented students to understand the trauma and recovery process associated with normative and catastrophic family crisis.
Prerequisite: FAMS 351 and junior standing or permission or permission of instructor

FAMS 490 – Special Problems in FAMS  3 credit hours
For Family Studies professionals who wish to update their understanding of accepted educational procedures and practices.

FAMS 492 – Advanced Developmental Theories  3 credit hours
Seminal as well as current developmental theories will be examined in depth. Particular emphasis will be placed on the most influential theories and their relevance to infant, child, and adolescent development. Prior completion of FAMS 150, 250 and 253 is highly recommended.
Prerequisite: Senior standing

FAMS 495 – Special Problems in Nutrition  3 credit hours
The study of nutrition issues/challenges facing our nation and world today, with a focus on controversial topics and the research supporting both sides of each argument.
Prerequisite: FAMS 110

All students completing this major will be required to earn a “C” or better in all courses in the major including any GS courses required by the major.

Code  Title  Credit Hours

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<th>Code</th>
<th>Title</th>
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<td>Analytical and Quantitative Thought (p. 460)</td>
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<td>Wellness (p. 466)</td>
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<td></td>
<td>FAMS 160 Personal Money Management</td>
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<td></td>
<td>BS Science-related course requirements</td>
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Code  Title  Credit Hours

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<th>Code</th>
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<td>All College of Business and Technology Graduation Requirements (p. 241) must be fulfilled.</td>
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## Early Childhood Family Advocate Certificate

Offered by Department of Family Studies (p. 241)

<table>
<thead>
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<th>Code</th>
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<tbody>
<tr>
<td>FAMS 251</td>
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<td>FAMS 302</td>
<td>Parent Education</td>
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<tr>
<td>FAMS 406</td>
<td>Family Resource Management</td>
<td>3</td>
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<tr>
<td>FAMS 476</td>
<td>Child &amp; Family Home Visitation</td>
<td>3</td>
</tr>
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<td>PE 247</td>
<td>Nutrition, Health and Safety for Young Children</td>
<td>1</td>
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<tr>
<td>TE 347</td>
<td>Literacy Methods 0-3</td>
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</table>

Total Credit Hours 15

For more information on the Early Childhood Family Advocate certificate, please contact the FAMS Certificate Program Coordinator, Dr. Toni Hill: Email: hilltl@unk.edu Phone: (308) 865-8232

For detailed information, guidelines, and requirements of UNK’s Certificate Programs, please visit the Academic Affairs (http://www.unk.edu/academic_affairs/certificate-programs.php) page.

## Family Studies Minor

Offered by Department of Family Studies and Interior Design (http://catalog.unk.edu/undergraduate/departments-programs/family-studies-interior-design)

All students completing this minor will be required to earn a “C” or better grade in all FAMS courses in the minor.

### General Studies

- **Foundational Core (Written, Math, Oral, Democracy)**
  - Foundational Core courses (p. 460) 12

### Distribution

- **ENG 101** Introduction of Academic Writing 3

*If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.*

- **Aesthetics** (p. 460)
- **Humanities** (p. 464)
- **Social Sciences** (p. 465)

Including:

- FAMS 151 Human Sexual Behavior
- FAMS 351 Marriage and Family Relationships
- PSY 203 General Psychology
- **Natural Sciences** (p. 464) 7

### Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0

Capstone
Select one course numbered 388 (p. 461) 3

BS Science-related course requirements
Complete all required courses 0

Major Option
Complete all required courses 36

Minor or 2nd Major
Complete all required courses 1 24

Unrestricted electives
Needed to reach 120 credit hour minimum 14
Total Credit Hours 120

Major Option

<table>
<thead>
<tr>
<th>Code</th>
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<td>FAMS 150</td>
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<td>FAMS 250</td>
<td>Infant Development</td>
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<td>FAMS 253</td>
<td>Child and Adolescent Development</td>
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<td>FAMS 302</td>
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<td>FAMS 340</td>
<td>Family Life Education</td>
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<td>FAMS 362</td>
<td>Families and Social Policy</td>
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<td>FAMS 402</td>
<td>Research and Analysis in Family Studies</td>
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<td>FAMS 404</td>
<td>Family Studies Ethical and Professional Practice</td>
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<td>Family Resource Management</td>
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<td>FAMS 450</td>
<td>The Aging Adult</td>
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<td>FAMS 475</td>
<td>Internship</td>
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<tr>
<td>FAMS 481</td>
<td>Cross-Cultural Family Patterns</td>
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<tr>
<td>FAMS 486</td>
<td>Families in Crisis</td>
<td>3</td>
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</table>

Total Credit Hours 36

The Family Studies Program is certified by the National Council on Family Relations (NCFR).

CFLE certification: Upon graduation, students are eligible for provisional certification as a Certified Family Life Educator (CFLE) from the National Council on Family Relations and following documentation of two years of work experience can apply for full certification.

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Nutrition Minor

Offered by Department of Family Studies (p. 241)

All students completing this minor will be required to earn a "C" or better grade in all FAMS courses in the minor.

Department of Geography

Department Objectives

- To acquaint students with the relationships that exist between people and the earth.
- To develop an appreciation for the Earth and the natural processes affecting it, the effect of human habitation of the earth on a regional scale and its interrelationships with the Physical Earth, and the factors and processes affecting human activities and their distribution over the surface of the earth.
- To offer courses which lead to the preparation of teachers of geography and earth science on the elementary and secondary levels.
- To provide educational opportunities that contribute to professional careers in the Geographic sciences.

Geography Major

Three options are available in this major:

1. Geography (p. 250) - Bachelor of Arts Degree or Geography (p. 251) - Bachelor of Science Degree
2. Geography and GIScience (p. 250) - Bachelor of Science Degree
3. Geography 7-12 Teaching Subject Endorsement (p. 249) - Bachelor of Arts in Education Degree

Environmental Science (p. 248), Geography (p. 250), and GIScience (p. 252) minors are available to students pursuing majors in other disciplines or programs.

Geography participates in the Social Science 7-12 Teaching Field Endorsement (p. 261).

H. Jason Combs (http://aaunk.unk.edu/catalogs/current/fac/facultyc.asp#combshj), Chair
Geography (GEOG)

**GEOG 101 – Physical Geography I: The Atmosphere  4 credit hours**
This course is an introduction to physical geography with an emphasis on the atmosphere and vegetation of the Earth, including solar energy, seasons, the processes of weather and climate, the hydrologic cycle, regional and global climate change, ecosystem functions, and patterns of plant distribution on the physical landscape. The course also considers human impacts on the atmosphere, the oceans, and the land. Three (3) hours of lecture and two (2) hours of lab each week.

**GEOG 102 – Physical Geography II: The Lithosphere  4 credit hours**
This course is an introduction to physical geography with an emphasis on the geologic framework of the earth and the various atmospheric/gradational processes which interact to produce the physical landscape. The course also considers weathering, erosional and depositional processes and the landforms produced by running water, glacial ice, wind and waves as well as to the effects of human interaction with these processes. Three (3) hours of lecture and two (2) hours of lab each week.

**GEOG 103 – The Dynamic Planet: Hazards in the Environment  3 credit hours**
This course investigates natural hazards associated with atmospheric, hydrologic, and geologic processes and their impacts on human society. Topics include periodic natural processes that create hazards to human activity, human perceptions of natural hazards, hazard avoidance, disaster prevention, and social mechanisms for coping with natural disasters.

**GEOG 104 – World Regional Geography  3 credit hours**
This course is an introduction to the world’s major regions, using a systematic analysis of physical and cultural phenomena. The aim is to explore the globe: its biophysical environments, and more importantly the patterns of cultural organization that give character to place. By the end of the course, students should be able to locate almost any country in the world, and have a basic understanding of its physical and population characteristics, economic development, agriculture, environmental issues, and predominant religious, ethnic, linguistic, and political divisions.

**GEOG 106 – Human Geography  3 credit hours**
This introductory course examines the interrelationships between humans, their different cultures, and the natural world. The focus of the course will be on the processes, both natural and cultural, that cause the spatial distribution of humans (where they are and are not) as well as their particular activities on the Earth’s surface. These processes include, but are not limited to, the geography of culture, population, language, religion, rural and urban change, plus economic, political, and social imprints.

**GEOG 188 – GS Portal  3 credit hours**
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their particular activities on the Earth’s surface. These processes include, but are not limited to, the geography of culture, population, language, religion, rural and urban change, plus economic, political, and social imprints. Prerequisite: First year freshman standing or sophomore standing only.

**GEOG 206 – Geography of the United States and Canada  3 credit hours**
This course focuses on the study of physical, economic, political, historical, and cultural processes within the United States and Canada. Approximately fifteen distinct regions are identified for examination, based on individual natural and social characteristics.

**GEOG 207 – Physical Geology  3 credit hours**
An introductory geology course which studies internal/tectonic earth processes, plate tectonics, mountain building, the geologic elements of landscape formation and the underlying rocks and structures. Included in the course are studies of earth history; earthquakes, volcanoes, geologic natural hazards, a survey of minerals and rocks and economic geologic resources.

**GEOG 209 – Meteorology  3 credit hours**
The course considers the basic principles of weather including a study of the atmosphere’s origin, composition, circulation patterns, energy budget and its role in the hydrologic cycle. Topics include: instruments for observation, precipitation process, wave cyclones, jet streams, weather forecasting, weather modification and applications of meteorology to air pollution, agriculture and aviation. Prerequisite: MATH 102 or permission of instructor Enrollment not allowed in GEOG 209 if PHYS 209 has been completed.

**GEOG 256 – Geology Field Study  1 credit hour**
A four-day field study with travel to the front range of the Colorado Rockies. Centers on the observation of a variety of geologic as well as geographic and ecologic phenomena.

**GEOG 300 – Map Investigation  3 credit hours**
A comprehensive introduction to map usage. Aspects to be covered will include: types of maps, map reading and interpretation, and where to acquire maps. This course is designed for students of all disciplines who are interested in maps or would find a knowledge of maps useful in their careers.

**GEOG 301 – Geography of Soils  3 credit hours**
An introductory analysis of various aspects of soil science. Topics will include: soil formation, morphology, classification, distributional patterns, and agricultural aspects of soil science. Prerequisite: GEOG 102 or GEOG 207.

**GEOG 305 – Environmental Conservation  3 credit hours**
This course introduces students to a variety of real-world environmental conservation practices. Cases are examined from around the world at local, national and global scales. Topics include ecosystem services valuation, river restoration, habitat protection and removing pollutants from the environment.

**GEOG 306 – Geomorphology  3 credit hours**
Systematic analysis of the processes interacting on the surface of the earth which produce the variety of landforms and structures of the landscape. Emphasis is placed on the interpretation of landforms through the analysis of topographic maps and associated materials. Prerequisite: GEOG 102 or GEOG 207.

**GEOG 309 – Climatology  3 credit hours**
Topics will include: Bioclimatology, agricultural and urban climatology, climatic change and modification, and a comparative analysis of climatic classification schemes. Designed for students wishing to acquire a greater understanding of the relationships of the climate to human occupancy patterns and the natural environment. Prerequisite: GEOG 101.
GEOG 310 – Cartography 3 credit hours
This course is designed to develop skills in the conception, design, and construction of thematic maps. Included will be a brief introduction to data acquisition and manipulation. Primarily for the geography major, cartography may be a useful course for certain others as well. Approximately 1 hour of lecture and 5 hours of lab per week. Additional Course Fee Required

GEOG 321 – Economic Geography 3 credit hours
This course is an examination of the geographic elements of economic activity. The course explores the classical geographic models and theories of economic behavior, the factors that influence the location of primary (raw materials), secondary (manufacturing) and tertiary (consumption) activities, and influence of globalization of the world economy locational dynamics and decision-making. Prerequisite: GEOG 104 or GEOG 106

GEOG 322 – Urban Geography 3 credit hours
Urban Geography examines cities and metropolitan areas of the past, present, and future. Spatial structures of urban settlements in North America and elsewhere are studied both theoretically and descriptively. Prerequisite: Junior or senior standing or permission of instructor

GEOG 323 – Political Geography 3 credit hours
Political geography looks at the spatial implications of the political process and the impact these policies and processes have on a local, regional, national, or international scale. The rights of individuals form the building blocks of a democratic society. These rights are manifested across space as decisions are made by governments at all levels on behalf of those individuals. This course examines how these decisions are played on a geographical stage through the exploration of topics such as: territoriality, voting and representation, geopolitics, international relations, and the geography of governmental systems.

GEOG 340 – Developing Nations 3 credit hours
This course investigates the causes of underdevelopment and contemporary development issues at the global, regional, national, and local levels. Emphasis is placed on the how (process) and why (explanation) of development. Other processes studied include the making of the third world, agrarian change, urbanization, industrialization, and development policy. Prerequisite: GEOG 104 or GEOG 106

GEOG 341 – Geography of Latin America 3 credit hours
This course is an analysis of the physical and cultural geographic environment of Mexico, Central America, the West Indies and South America. Prerequisite: GEOG 104 or GEOG 106

GEOG 345 – Geography of Europe 3 credit hours
This course is an analysis and interpretation of the physical and cultural landscapes of Europe with attention given to political and international issues. Prerequisite: GEOG 104 or GEOG 106

GEOG 347 – Geography of Africa 3 credit hours
This course is a regional examination of the continent in respect to its physical, social, economic and political diversity. Prerequisite: GEOG 104 or GEOG 106

GEOG 348 – Geography of Asia 3 credit hours
This course focuses on the subjects of culture area, cultural diffusion, cultural ecology, cultural integration, and cultural landscape as they apply to the geography of Asia. Prerequisite: GEOG 104 or GEOG 106

GEOG 350 – International Tourism 3 credit hours
A spatial analysis of international tourism in both the developed and underdeveloped world. Emphasis will be placed on the evolution of international tourism, its present character, and its future. Primary consideration will be given to the environmental, cultural, economic, and social impact of tourism. Prerequisite: GEOG 104 or permission of instructor

GEOG 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements. Additional Course Fee Required

GEOG 388L – GS Capstone Lab 1 credit hour
Corequisite: GEOG 388.

GEOG 400 – Water Resources 3 credit hours
This course is an overview of issues relating to water resources with an emphasis on the United States. Some of the topics will include: the hydrologic cycle, global status of water resources, water conflicts, droughts and floods, irrigation efficiency, water quality, applications of satellite data, precision agriculture, water resources management, and the impact of climate change on water resources. Prerequisite: Junior standing

GEOG 401 – Urban and Regional Planning 3 credit hours
A study of the structure of the urban physical setting relating to industrial, commercial, and residential land use and the factors and trends affecting their spatial relationships.

GEOG 410 – Geographical Techniques and Thought 3 credit hours
This course is one of the culminating courses in the Geography major. It focuses on the philosophy, goals, and research of geography as a discipline. The course includes an exploration of the literature of the discipline, research methodology and practice and formalization of written and oral presentations. A portion of the course will be left open to cover areas of geography not available in other courses. Prerequisite: Junior standing

GEOG 412 – Environmental Planning 3 credit hours
An applied physical geography course considering the integration of human and physical processes in the area of land planning, land science, and landscape design. A portion of the course will involve on-site study of selected local examples. On-site visitations may occur at other than regular class times. Prerequisite: Junior standing

GEOG 415 – Internship 1-6 credit hours
The internship provides upper level Geography majors and minors the opportunity to work in a professional environment in which they can apply their knowledge and skills. Students must secure the permission of their academic advisor or department chair before entering into any internship. Department Consent Required

Total Credits Allowed: 6.00
**Environmental Science Minor Requirements**

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<td>&amp; BIOL 106</td>
<td>and Biology II</td>
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The Environmental Science minor offers students from any major the opportunity to obtain a strong background in subjects that impact this field. The objectives of this minor are:

1. to increase the student's technical knowledge and methodological skills in Environmental Science;
2. to provide students with scientific knowledge and skills necessary for success in post-baccalaureate environmental science education and careers within the field.

**Environmental Science Minor**

Offered by Department of Biology (p. 171), Department of Geography (p. 245), and Department of Chemistry (p. 181)
CHEM 160 General Chemistry  
& 160L and General Chemistry Laboratory  
& CHEM 161 and General Chemistry  
& CHEM 161L and General Chemistry Laboratory

Select 3 of the following:  

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<td>BIOL 330</td>
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<td>and Analytical Chemistry Lab</td>
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<td>GEOG 102</td>
<td>Physical Geography II: The Lithosphere</td>
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<td>GEOG 418</td>
<td>Working with GIScience and Spatial Analysis</td>
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<tr>
<td>GEOG 419</td>
<td>Remote Sensing of the Environment</td>
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**Environmental Science Minor Electives**

Select 9 credit hours of the following:  

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<td>BIOL 380</td>
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<td>BIOL 405</td>
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<td>GEOG 400</td>
<td>Water Resources</td>
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<tr>
<td>GEOG 416</td>
<td>Applications of Geographic Information Systems</td>
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<tr>
<td>GEOG 417</td>
<td>GIScience Principles and Concepts</td>
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</tbody>
</table>

**Total Credit Hours**  

26  

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A minimum of 6 credit hours must be from outside the department providing the student’s major degree.

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**Geography 7-12 Teaching Subject Endorsement, Bachelor of Arts in Education**

Offered by Department of Geography (p. 245)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 101</td>
<td>General Chemistry</td>
<td></td>
</tr>
<tr>
<td>&amp; 160L</td>
<td>and General Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 161</td>
<td>and General Chemistry</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 161L</td>
<td>and General Chemistry Laboratory</td>
<td></td>
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</tbody>
</table>

Select 3 of the following:  

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 307</td>
<td>Ecology</td>
<td>3</td>
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<tr>
<td>BIOL 330</td>
<td>Wildlife Conservation</td>
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<tr>
<td>CHEM 250</td>
<td>Elementary Organic Chemistry</td>
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<tr>
<td>&amp; 250L</td>
<td>and Elementary Organic Chemistry Lab</td>
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<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td></td>
</tr>
<tr>
<td>&amp; 301L</td>
<td>and Analytical Chemistry Lab</td>
<td></td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Physical Geography II: The Lithosphere</td>
<td></td>
</tr>
<tr>
<td>GEOG 418</td>
<td>Working with GIScience and Spatial Analysis</td>
<td></td>
</tr>
<tr>
<td>GEOG 419</td>
<td>Remote Sensing of the Environment</td>
<td></td>
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</table>

**Environmental Science Minor Electives**

Select 9 credit hours of the following:  

<table>
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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 301</td>
<td>Introduction to Soils</td>
<td></td>
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<tr>
<td>BIOL 305</td>
<td>BioStatistics</td>
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<tr>
<td>BIOL 380</td>
<td>Agronomy</td>
<td></td>
</tr>
<tr>
<td>BIOL 405</td>
<td>Range and Wildlife Management</td>
<td></td>
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<tr>
<td>CHEM 300</td>
<td>Environmental Chemistry</td>
<td></td>
</tr>
<tr>
<td>GEOG 301</td>
<td>Geography of Soils</td>
<td></td>
</tr>
<tr>
<td>GEOG 400</td>
<td>Water Resources</td>
<td></td>
</tr>
<tr>
<td>GEOG 416</td>
<td>Applications of Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td>GEOG 417</td>
<td>GIScience Principles and Concepts</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credit Hours**  

26  

---

1 Students must apply for admission to all Teacher Education programs (p. 404).

2 Except GEOG 388

3 Except ECON 188, ECON 388, HIST 188, PSCI 188, PSCI 388, PSY 188, PSY 388, SOC 188
Geography and GIScience, Bachelor of Science

Offered by Department of Geography (p. 245)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Portal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Capstone</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>BS Science-related course requirements</strong></td>
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</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>3</td>
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<tr>
<td></td>
<td>Including:</td>
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</tr>
<tr>
<td></td>
<td>STAT 241 Elementary Statistics</td>
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<tr>
<td></td>
<td><strong>Major Option</strong></td>
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<tr>
<td></td>
<td>Complete all required courses</td>
<td>36</td>
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<tr>
<td></td>
<td><strong>Minor or 2nd Major</strong></td>
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<tr>
<td></td>
<td>Complete all required courses</td>
<td>24</td>
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<tr>
<td></td>
<td><strong>Unrestricted electives</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
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<td></td>
<td>Total Credit Hours</td>
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**Major Option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEOG 101</td>
<td>Physical Geography I: The Atmosphere ²</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Physical Geography II: The Lithosphere ²</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 104</td>
<td>World Regional Geography ²</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 106</td>
<td>Human Geography ²</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 206</td>
<td>Geography of the United States and Canada ²</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 310</td>
<td>Cartography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 315</td>
<td></td>
<td>4</td>
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<tr>
<td>GEOG 316</td>
<td></td>
<td>3</td>
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<tr>
<td>GEOG 317</td>
<td></td>
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</table>

Geography Minor

Offered by Department of Geography (p. 245)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Requirements</strong></td>
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</tr>
<tr>
<td>GEOG 101</td>
<td>Physical Geography I: The Atmosphere ³</td>
<td>4</td>
</tr>
<tr>
<td>or GEOG 102</td>
<td>Physical Geography II: The Lithosphere</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 104</td>
<td>World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 106</td>
<td>Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 206</td>
<td>Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 300</td>
<td>Map Investigation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
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</tr>
<tr>
<td></td>
<td>GEOG 207 Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>GEOG 301 Geography of Soils</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>GEOG 306 Geomorphology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>GEOG 309 Climatology</td>
<td>3</td>
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<td></td>
<td><strong>Electives</strong></td>
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<td></td>
<td>Select 5 credit hours of the following:</td>
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<tr>
<td></td>
<td>GEOG 300-GEOG 499 ¹</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>24</td>
</tr>
</tbody>
</table>

¹ Except GEOG 388. At least one 400-level course.

Geography, Bachelor of Arts

Offered by Department of Geography (p. 245)

<table>
<thead>
<tr>
<th>Code</th>
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<td>Portal</td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
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<td></td>
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<td>3</td>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 416</td>
<td>Applications of Geographic Information Systems</td>
<td>3</td>
</tr>
</tbody>
</table>
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0
Needed to reach 27 credit hour minimum in Distribution 2

Capstone
Select one course numbered 388 (p. 461) 3

BA Language requirement
Complete all required courses 1 6

Major Option
Complete all required courses 35

Minor or 2nd Major
Complete all required courses 2 24

Unrestricted electives
Needed to reach 120 credit hour minimum 10

Total Credit Hours 120

### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
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<td>Physical Geography II: The Lithosphere</td>
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<td>GEOG 104</td>
<td>World Regional Geography</td>
<td>3</td>
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<tr>
<td>GEOG 106</td>
<td>Human Geography</td>
<td>3</td>
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<tr>
<td>GEOG 206</td>
<td>Geography of the United States and Canada</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 300</td>
<td>Map Investigation</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 310</td>
<td>Cartography</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 300</td>
<td>or GEOG 310</td>
<td></td>
</tr>
</tbody>
</table>

Select 3 credit hours of the following:
- GEOG 410 Geographical Techniques and Thought
- GEOG 415 Internship
- GEOG 443 Special Topics in GIS, Spatial Analysis and Remote Sensing

**Geography Requirements**
Select 12 credit hours of GEOG 300-GEOG 499 4 12

Total Credit Hours 35

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3. Coursework may fulfill some General Studies requirements. Work closely with advisor.
4. Except GEOG 388.

### Geography, Bachelor of Science
Offered by Department of Geography (p. 245)
GIScience Minor

Offered by Department of Geography (p. 245)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 416</td>
<td>Applications of Geographic Information Systems</td>
<td></td>
</tr>
<tr>
<td>GEOG 443</td>
<td>Special Topics in GIS, Spatial Analysis and Remote Sensing</td>
<td></td>
</tr>
</tbody>
</table>

**Geography Requirements**

Select 9 credit hours of GEOG 300-GEOG 499

Total Credit Hours: 32

1. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
2. Coursework may fulfill some General Studies requirements. Work closely with advisor.
3. Except GEOG 388.

History-Social Science Major

Four options are available in this major:

1. History (p. 259) - Bachelor of Arts Degree
2. History-Social Science Comprehensive (p. 256) - Bachelor of Science Degree
   - Economics Emphasis
   - Geography Emphasis
   - Political Science Emphasis
   - Psychology Emphasis
   - Sociology Emphasis
3. History 7-12 Teaching Subject Endorsement (p. 257) - Bachelor of Arts in Education Degree
4. History-Social Science 7-12 Teaching Field Endorsement (p. 261) - Bachelor of Arts in Education Degree

A minor in History (p. 259) is available for students pursuing majors in other disciplines. Elementary Education majors may also minor in Social Science (p. 261).

Mark Ellis (http://aaunk.unk.edu/catalogs/current/fac/facultye.asp#ellisma), Chair
Professor: Mary Ailes, Pradeep Barua, Douglas Biggs, Roger Davis, Mark Ellis, Carol Lilly, James Rohrer, Linda Van Ingen, Vernon Volpe

Associate Professor: Jinny Turman, Robert (Jeff) Wells

Assistant Professor: Torsten Homberger, Chris Steinke, David Vail

History (HIST)

**HIST 110 - History of Science & Medicine** 3 credit hours

This course surveys the social, political, economic, and cultural histories of technologies and science in the modern era. By examining the dynamic relationships between science, medicine, technology, and society, this course will provide students with a deeper understanding of how these histories intersect with other sub-specialties such as medicine and health history as well as military, foreign relations, and environmental and agricultural histories.
HIST 112 – History of Religions in the World  3 credit hours
This course introduces students to the history of the world’s religions. It surveys the origins and historical impact of several of the major religious traditions of the world and examines their core beliefs and rituals in comparative perspective. Topics include the nature of religion and varying approaches to the scholarly study of religion; the emergence of new religions; and overviews of the following religious traditions: African and Native American indigenous traditions; Hinduism; Jainism; Buddhism; Chinese Religions; Shinto; Judaism; Christianity; Islam; and Sikhism.

HIST 156 – Regional Field Study  3 credit hours
Designed to provide students with travel experiences to contribute to their understanding of the history of a particular area of the world.

HIST 176 – Democratic Debates  3 credit hours
A reading and discussion oriented class focusing on democratic development and practice from ancient origins to the modern period. Special attention will be devoted to the formulation of democratic principles and to the procedures and results of the democratic process. Efforts to reform and to expand democracy over time and place will also be highlighted.

HIST 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

HIST 210 – Western Civilization  3 credit hours
A brief survey of ancient Near Eastern civilization, history of Greek and Roman peoples, feudalism, medieval church, crusades, Renaissance and Reformation.

HIST 211 – Western Civilization  3 credit hours
The Age of Absolute Monarchy, the French Revolution and Napoleon, Age of Nationalism and the two World Wars.

HIST 212 – Non-Western World History  3 credit hours
A survey of the historical interaction of the specific civilizations which together comprise non-Western world civilization in their intellectual, political, economic, and religious aspects.

HIST 215 – Introduction to Latin America  3 credit hours
A concise review of the history of Latin America from the Aztec and Inca to contemporary affairs. Designed to introduce the student to highlights of political, social, economic, and cultural themes which have coalesced to distinguish these societies in this important part of the Third World.

HIST 250 – American History  3 credit hours
American history covering the period from 1492 to 1865.

HIST 251 – American History  3 credit hours
American history covering the period from 1865 to present.

HIST 280H – Special Topics-Honors  1-3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.
Total Credits Allowed: 3.00

HIST 290 – Special Topics  1-3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of the students.
Total Credits Allowed: 3.00

HIST 315 – American Military History  3 credit hours
A survey of American military history.

HIST 327 – World War I  3 credit hours
This course examines the causes, course, and effects of World War I in Europe and the wider world. It places the conflict in the context of a rapidly industrializing continent at the beginning of the twentieth century and explains how the Great War was the disaster of the century, one that set the stage for many of the conflicts that followed.

HIST 328 – World War II  3 credit hours
This course survey the political, ideological, economic, and military causes of World War II and discusses the political and military history of the conflict.

HIST 375 – English History  3 credit hours
English history to 1660.

HIST 376 – English History  3 credit hours
English history since 1660.

HIST 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

HIST 402 – Age of Alexander the Great  3 credit hours
This course will focus on the change between the Classical Age and the Hellenistic Age. The course will cover the period from the end of the Peloponnesian war to the Jewish independence of the Maccabees. This time period is crucial to Western Civilization since we witness the collapse of the independent Greek city states and the rise of the great national monarchies.

HIST 405 – The Plains Indians  3 credit hours
This course will examine the major tribes of the Great Plains from their earliest occupation on the plains to the present day. While we will examine archaeological, anthropologic, and ethnographic materials, the emphasis will be on the historical record of the late eighteenth, nineteenth, and twentieth centuries. We will examine Indian-White relations as well as the development of Native American societies.

HIST 406 – History and Film  3 credit hours
This course will look at history through the lens of feature films produced in the United States and abroad. Particular emphasis will be placed on how historical representation and interpretation has changed with each generation of film makers. The topics of this course will vary depending on the instructor and the needs of the students.

HIST 407 – History of Sea Power  3 credit hours
This course seeks to introduce students to different themes in the history of the evolution of sea power.
HIST 408 – War and Society  3 credit hours
This course is designed to introduce students to the field of military history. Students will tackle the debate on old vs. new military history. In particular students will examine the impact of social studies or the evolution of military history. A considerable portion of the course will also be spent on examining military history in a non-western setting.

HIST 409 – The High Middle Ages 1050-1350  3 credit hours
This course examines the cultural, political, economic, and social developments of the High Middle Ages, a period of dramatic and important change in the western world, focusing on the religious reformation of the eleventh century, the twelfth-century renaissance, and the rise of towns and urban commerce, and the growth of centralized governments.

HIST 410 – Methods and Historiography  3 credit hours
An examination of the historian’s craft that considers philosophical and interpretive issues central to the discipline, major schools of interpretation, and the process of historical research and writing.

HIST 411 – Saints and Sinners  3 credit hours
This course examines social organization and cultural institutions that shaped the western world between late antiquity and the Renaissance, focusing on the interaction between major institutions, such as family and religion, and the lives of medieval women and men.

HIST 412 – Society and Gender in the Middle Ages  3 credit hours
This class is designed to introduce students to the ways that gender and sexuality were defined, understood, and enacted in medieval society. The course examines both accepted and deviant sexual behaviors as well as notions of masculinity and femininity. Attitudes toward these ideas and behaviors are considered within the social, political, and religious contexts of the Middle Ages.

HIST 416 – History of Christianity  3 credit hours
A broad overview of Christian history from antiquity to the present, with special emphasis upon the complex social, economic, and political forces which have made Christianity a global religion of incredible diversity. Special attention will be given to Christianity in the non-Western world, as well as the central role of women in Christian tradition.

HIST 420 – Women in Europe  3 credit hours
A history of women in Europe from prehistoric times to the present.

HIST 421 – Women in America  3 credit hours
A history of women in America from the colonial period to the present.

HIST 422 – Nazi Germany  3 credit hours
This is an upper level course that focuses on the history of Nazi Germany and the Holocaust from 1919 to 1945. It is designed to give students a more in-depth understanding of the events those years and to show how the events that took place in Europe between 1933 and 1945 not only led to the most destructive war of the twentieth century, but led to the worst atrocity in recorded history - the Holocaust.

HIST 429 – Religion in America  3 credit hours
A historical introduction to the various religious communities of the United States from Pre-Columbian times to the present. The course gives special attention to religious influences upon social and political institutions, changing patterns of church-state relations, and the challenges posed by religious pluralism throughout American history.

HIST 431 – Colonial America 1492-1750  3 credit hours
Examines the development of Colonial British America from the first English explorers to the French and Indian War.

HIST 432 – Revolutionary America, 1750-1800  3 credit hours
Examines the American Revolution from its origins through its culmination in the adoption and implementation of the Constitution.

HIST 433 – The National Period, 1800-1850  3 credit hours
Explores the expansion and development of the American nation from the Louisiana Purchase through the Mexican-American War.

HIST 439 – Pre-Hispanic and Colonial Latin America  3 credit hours
Political, social, economic, and cultural dynamics of Amerindian civilizations and colonial Latin America up to independence.

HIST 441 – Modern Latin America  3 credit hours
Examination of political, cultural, social, and economic dynamics of Latin American nations and region from independence to present.

HIST 445 – The Civil War and Reconstruction  3 credit hours
Causes leading to the Civil War, the war itself, and the attempt to reunify the social, economic, and political framework of America.

HIST 450 – Variable Topics in Latin American History  3 credit hours
In-depth study of a country or region in Latin American or an in-depth analysis of a specific topic of historical or contemporary importance in understanding Latin American history and culture.

HIST 451 – Comparative Colonialism: Asia and Africa  3 credit hours
This course will analyze the primary social, cultural, and political forces that helped create and sustain the vast colonial empires in Asia and Africa.

HIST 452 – Colonial India  3 credit hours
This course will examine the major social, cultural and political forces that helped create colonial India.

HIST 453 – Modern India  3 credit hours
This course aims to introduce students to the complex cultural, political and economic factors that created the ‘nation’ of India as it is known today. The course begins in 1947 when India gained independence from Britain. It will examine in detail the major issues that have helped mold the history of contemporary India.

HIST 455 – Comparative Studies in Ethnic Conflict  3 credit hours
This course is designed to engage students in an intense study of theories of ethnic conflict. Students will also be involved in a comparative study of the militarization of ethnic conflict in various regions of the world.

HIST 456 – Regional Field Study  1-4 credit hours
Designed to provide students with travel experiences to contribute to their understanding of the history of a particular area of the world. Total Credits Allowed: 4.00

HIST 457 – British Empire  3 credit hours
The rise and expansion of the British Empire from its earliest beginnings to the present.

HIST 458 – Great Plains Studies  1-3 credit hours
Offers the opportunity to reflect on life through the literature and other lore of the Great Plains. Through a different subject focus each offering, the course integrates literary, historical, and paleontological investigations around issues affecting the plains, with a special focus on prairie.
Total Credits Allowed: 3.00

HIST 459 – European Expansion and Exploration  3 credit hours
The motivations for European expansion and exploration overseas from 1300 until 1800 and the impact that European contact with the rest of the world had upon the societies of the Americas, Africa, Asia, and Europe.
HIST 461 – Renaissance and Reformation 3 credit hours
The political, economic, religious and social development of Europe from the Crusades through the era of the European Reformation.

HIST 462 – Seventeenth and Eighteenth Century Europe 3 credit hours
History of Europe from the Thirty Years’ War to the French Revolution with special emphasis on the Enlightenment.

HIST 463 – French Revolution and Napoleon 3 credit hours
The causes of the French Revolution and the political, social, and intellectual impact of the Revolution upon western Europe.

HIST 464 – Introduction to Public History 3 credit hours
This course will introduce students to the history, theory, and practice of public history. Public history is a catchall phrase for the ways that people produce, consume, and disseminate historical knowledge outside of the classroom. This includes how both scholars and the general public process and transmit history, apply history to real-life situations, and seek to preserve historic resources. Students will develop an understanding of non-academic forms of historical knowledge while being exposed to some of the field’s many disciplines, including museums, archives, and historic preservation.

HIST 465 – Community History & Preservation 3 credit hours
Students in this class will learn the basics of conducting public history projects in small communities. To do this they will develop an understanding of the concept of “community,” particularly as it relates to the formation of collective identities grounded in a real or imagined past. Although topics and projects vary by semester, students will come away from this class with a better understanding of how communities create, transmit, and contest historical knowledge as well as imprint it on the physical landscape. This class includes a community-based project with preservation and/or conservation components.

HIST 466 – Museums & Archives 3 credit hours
Museums / Archives Museums and archives hold special places in contemporary society, as they are charged with protecting and preserving historical resources that contribute to understanding of local, state, and national pasts. This class includes three components. Students will develop knowledge of the history of museums and archives in the United States, coming to understand them not as static institutions but as dynamic social constructs that reflect the values and worldviews of their creators. The second portion will introduce students to key functions of museums and archives, including collections management, fundraising, and organizational structures. Finally, the course will include guidance on professional development.

HIST 467 – Digital History 3 credit hours
This course explores the use of digital tools and sources in historical research and the sharing of historical information with public and scholarly audiences.

HIST 471 – History of the Pacific Rim 3 credit hours
This course will examine the development of Pacific Rim nations from 1500 to the present. While the entire region will be studied, the emphasis will be on the cultural, political, and economic relations between the United States, Japan, China, and Russia as well as the colonizing powers of Spain, France, and Great Britain.

HIST 472 – American Constitutional History I 3 credit hours
Constitutional history of the United States to 1860.

HIST 473 – American Constitutional History II 3 credit hours
Continuation of History 473. Period covered is from 1860 to the present.

HIST 475 – Internship in History 1-9 credit hours
This course emphasizes the professional development of the student in the area of the student’s professional interest. Grade will be recorded as credit/no credit.

HIST 476 – Applied Digital History 3 credit hours
Students in this course will collaborate on the creation of a digital history project for public and scholarly audiences. The focus of the course will be on the applied use of specific digital tools.

HIST 477 – American Thought and Culture, 1620-1865 3 credit hours
Examines the origins and development of American social, political, and religious ideas through the Civil War.

HIST 478 – American Thought and Culture, 1865-1990 3 credit hours
Examines the origins and development of American social, political, and religious ideas after the Civil War.

HIST 479 – Nebraska and the Great Plains History 3 credit hours
This course will emphasize the natural environment of the plains, human attempts to settle and utilize the region’s resources, and the role of Nebraska and the Great Plains in United States History. Recommended for elementary teachers.

HIST 481 – North American Frontiers, 1500-1850 3 credit hours
This course will examine the process of European frontier expansion from the 1500s to the point at which the new nations of North America had basically developed both the geographic boundaries and political structures that essentially ended territorial expansion on this continent. We will examine not only the United States’ frontier, but also those of Spain, Mexico, France, Britain, and Russia in North America, providing a chance for students to compare various aspects of the frontier in different regions under different authorities. Major themes in the course will stress the interaction between Whites and Indians, as well as European efforts to utilize the continent’s natural resources.

HIST 482 – The American West, 1850-Present 3 credit hours
This course will examine the development of the western United States. After a very short review of western settlement prior to 1850s, the course will examine the tremendous development that occurred in the West in the later half of the 19th and first half of the 20th centuries. The course will then examine the changes in the West that were brought about by the New Deal and World War II, and finish by looking at the particular problems that face the West since 1945. Major emphasis will be given to ethnic interaction in the West, resource exploitation/development, and the emergence in the West of new industries.

HIST 483 – The Gilded Age 1870-1898 3 credit hours
An analysis of the transformation of an agrarian America into an urban-industrial society, 1870-1898.

HIST 484 – The United States: 1898-1941 3 credit hours
The rise of America as a world power and the problems of reform and industrial expansion in early twentieth century America.

HIST 485 – The United States Since 1941 3 credit hours
A detailed study of some of the more important aspects of the history of the period.

HIST 486 – Imperial Russia 3 credit hours
A general survey of the political, social, economic, diplomatic, and cultural developments of Russian civilization from 800 A.D. to 1917.

HIST 488 – Nineteenth Century Europe 3 credit hours
The period from the French Revolution and Napoleon to World War I.
HIST 489 – Fascism and Communism in Twentieth Century Europe  3 credit hours
This course will explore the commonalities and divergences between fascism, communism, and nationalism and their twentieth century manifestations. After investigating the intellectual roots, social bases and key elements of these ideologies, we will examine their concrete manifestations in Europe, including Hitler’s Germany, Soviet communism under Stalin, and postwar Yugoslavia.

HIST 490 – Twentieth Century Europe  3 credit hours
Cultural and political aspects of the history of Europe since World War I.

HIST 492 – Soviet Russia  3 credit hours
The 1917 revolution and the development of the Soviet state with an emphasis on domestic policies.

HIST 493 – Modern Eastern Europe  3 credit hours
While we will survey the nineteenth century, the thrust of the course will be on the post World War I period. Here issues such as nationalism, big power rivalry, modernization, the peasantry, the political left and the extreme right will be closely examined for the period up to World War II. Then World War II with the crucial postwar period of Sovietization will be covered. Finally, we will consider the Revolutions of 1989 and their aftermath.

HIST 495 – Topical Studies  3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor and the needs of the students.
Total Credits Allowed: 15.00

HIST 496 – Senior Seminar in History: Variable Topics  3 credit hours
The purpose of this course is to allow students to explore a selected topic in depth. Topics will be selected in accordance with the research expertise of the instructor. Students will spend the first seven weeks of the course reading secondary literature on the topic. In the final eight weeks, students will design, research, and write a twenty-page original research paper. They will present their work, in oral and written form, to the seminar.
Total Credits Allowed: 9.00

HIST 499 – Independent Study  1-4 credit hours
Independent readings in history for the advanced undergraduate. Readings to be selected and directed by a history faculty member. Students wishing to take this course must obtain written approval in advance from the department chair.
Total Credits Allowed: 9.00

History - Social Science Comprehensive, Bachelor of Science
Offered by Department of History (p. 252)

Economics, Geography, Political Science, Psychology, Sociology Emphases

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
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</table>

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Aesthetics (p. 460)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Humanities (p. 464)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Social Sciences (p. 465)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
<td></td>
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<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
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<td></td>
</tr>
<tr>
<td>Wellness (p. 466)</td>
<td>0</td>
<td></td>
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<tr>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
<td>2</td>
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</tr>
</tbody>
</table>

Capstone
Select one course numbered 388 (p. 461)
BS Science-related course
Complete all required courses

Major Option
Complete all required courses 60

Unrestricted electives
Needed to reach 120 credit hour minimum 15

Total Credit Hours 120

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>HIST 250</td>
<td>American History</td>
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<tr>
<td>HIST 251</td>
<td>American History</td>
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<tr>
<td>CSIT 108</td>
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</tbody>
</table>

Select 6 credit hours total of the following:
Select 3 to 6 credit hours of:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HIST 210</td>
<td>Western Civilization</td>
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</tr>
<tr>
<td>HIST 211</td>
<td>Western Civilization</td>
<td></td>
</tr>
<tr>
<td>Select 0 to 3 credit hours of:</td>
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</tr>
<tr>
<td>HIST 212</td>
<td>Non-Western World History</td>
<td></td>
</tr>
<tr>
<td>HIST 215</td>
<td>Introduction to Latin America</td>
<td></td>
</tr>
</tbody>
</table>

Social Science Comprehensive/History Emphasis Advanced Courses
Select 18 credit hours of Advanced History Courses.
Social Science Comprehensive/History Emphasis - Senior Seminar
At the junior or senior level select:
Course topic reduces the credit hours required accordingly in Advanced US History, Advanced European History OR Advanced Non-Western History.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 496</td>
<td>Senior Seminar in History: Variable Topics</td>
<td>2</td>
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</table>

Advanced US History
Select 6 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 315</td>
<td>American Military History</td>
<td></td>
</tr>
<tr>
<td>HIST 405</td>
<td>The Plains Indians</td>
<td></td>
</tr>
<tr>
<td>HIST 406</td>
<td>History and Film</td>
<td></td>
</tr>
<tr>
<td>HIST 421</td>
<td>Women in America</td>
<td></td>
</tr>
<tr>
<td>HIST 429</td>
<td>Religion in America</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 120
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 431</td>
<td>Colonial America 1492-1750</td>
<td></td>
</tr>
<tr>
<td>HIST 432</td>
<td>Revolutionary America, 1750-1800</td>
<td></td>
</tr>
<tr>
<td>HIST 433</td>
<td>The National Period, 1800-1850</td>
<td></td>
</tr>
<tr>
<td>HIST 445</td>
<td>The Civil War and Reconstruction</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 471</td>
<td>History of the Pacific Rim</td>
<td></td>
</tr>
<tr>
<td>HIST 473</td>
<td>American Constitutional History I</td>
<td></td>
</tr>
<tr>
<td>HIST 474</td>
<td>American Constitutional History II</td>
<td></td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 477</td>
<td>American Thought and Culture, 1620-1865</td>
<td></td>
</tr>
<tr>
<td>HIST 478</td>
<td>American Thought and Culture, 1865-1990</td>
<td></td>
</tr>
<tr>
<td>HIST 479</td>
<td>Nebraska and the Great Plains History</td>
<td></td>
</tr>
<tr>
<td>HIST 481</td>
<td>North American Frontiers, 1500-1850</td>
<td></td>
</tr>
<tr>
<td>HIST 482</td>
<td>The American West, 1850-Present</td>
<td></td>
</tr>
<tr>
<td>HIST 483</td>
<td>The Gilded Age 1870-1898</td>
<td></td>
</tr>
<tr>
<td>HIST 484</td>
<td>The United States: 1898-1941</td>
<td></td>
</tr>
<tr>
<td>HIST 485</td>
<td>The United States Since 1941</td>
<td></td>
</tr>
<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
<td></td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
<td></td>
</tr>
</tbody>
</table>

**Advanced European History**

Select 6 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HIST 375</td>
<td>English History</td>
<td></td>
</tr>
<tr>
<td>HIST 376</td>
<td>English History</td>
<td></td>
</tr>
<tr>
<td>HIST 407</td>
<td>History of Sea Power</td>
<td></td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
<td></td>
</tr>
<tr>
<td>HIST 409</td>
<td>The High Middle Ages 1050-1350</td>
<td></td>
</tr>
<tr>
<td>HIST 411</td>
<td>Saints and Sinners</td>
<td></td>
</tr>
<tr>
<td>HIST 412</td>
<td>Society and Gender in the Middle Ages</td>
<td></td>
</tr>
<tr>
<td>HIST 420</td>
<td>Women in Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 455</td>
<td>Comparative Studies in Ethnic Conflict</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 457</td>
<td>British Empire</td>
<td></td>
</tr>
<tr>
<td>HIST 459</td>
<td>European Expansion and Exploration</td>
<td></td>
</tr>
<tr>
<td>HIST 461</td>
<td>Renaissance and Reformation</td>
<td></td>
</tr>
<tr>
<td>HIST 462</td>
<td>Seventeenth and Eighteenth Century Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 463</td>
<td>French Revolution and Napoleon</td>
<td></td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
<td></td>
</tr>
<tr>
<td>HIST 488</td>
<td>Nineteenth Century Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 489</td>
<td>Fascism and Communism in Twentieth Century Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 490</td>
<td>Twentieth Century Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 492</td>
<td>Soviet Russia</td>
<td></td>
</tr>
<tr>
<td>HIST 493</td>
<td>Modern Eastern Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
<td></td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
<td></td>
</tr>
</tbody>
</table>

**Advanced Non-Western History**

Select 6 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 407</td>
<td>History of Sea Power</td>
<td></td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
<td></td>
</tr>
<tr>
<td>HIST 416</td>
<td>History of Christianity</td>
<td></td>
</tr>
<tr>
<td>HIST 439</td>
<td>Pre-Hispanic and Colonial Latin America</td>
<td></td>
</tr>
<tr>
<td>HIST 441</td>
<td>Modern Latin America</td>
<td></td>
</tr>
<tr>
<td>HIST 445</td>
<td>Variable Topics in Latin American History</td>
<td></td>
</tr>
<tr>
<td>HIST 451</td>
<td>Comparative Colonialism: Asia and Africa</td>
<td></td>
</tr>
<tr>
<td>HIST 452</td>
<td>Colonial India</td>
<td></td>
</tr>
<tr>
<td>HIST 453</td>
<td>Modern India</td>
<td></td>
</tr>
<tr>
<td>HIST 455</td>
<td>Comparative Studies in Ethnic Conflict</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 457</td>
<td>British Empire</td>
<td></td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
<td></td>
</tr>
<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
<td></td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
<td></td>
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</tbody>
</table>

**Social Science Courses—From Economics, Geography, Political Science, Psychology, and Sociology**

Select 15 credit hours in ONE area, and at least 3 credit hours in each remaining area to total 27.

- **Economics Emphasis**
  - Select 3 to 15 credit hours of ECON 100-ECON 499

- **Geography Emphasis**
  - Select 3 to 15 credit hours of GEOG 100-GEOG 499

- **Political Science Emphasis**
  - Select 3 to 15 credit hours of PSCI 100-PSCI 499

- **Psychology Emphasis**
  - Select 3 to 15 credit hours of PSY 100-PSY 499

- **Sociology Emphasis**
  - Select 3 to 15 credit hours of SOC 100-SOC 499

**Total Credit Hours**

60

1. At least 6 credit hours must be 400-level courses.
2. Except ECON 188 or ECON 388
3. Except GEOG 188 or GEOG 388
4. Except PSCI 188 or PSCI 388
5. Except PSY 188 or PSY 388
6. Except SOC 188

---

**History 7-12 Teaching Subject Endorsement, Bachelor of Arts in Education**

Offered by Department of History (p. 252)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
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<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td></td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td></td>
</tr>
</tbody>
</table>

**Portal**

Select one course numbered 188 (p. 465) 3
Distribution

ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 9

Including:
- HIST 250 American History
- HIST 251 American History

Social Sciences (p. 465) 6

Including:
- PSCI 110 Introduction to American Politics

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 3

Including:
- PE 150 Healthy Wealthy and Wise

Capstone

Select one course numbered 388 (p. 461) 3

Professional Sequence

Complete all required courses 25

Including:
- TE 319 Management and Assessment in K-12/Secondary Classrooms
- TE 320 Field Experience in Secondary Classroom

Endorsement

Complete all required courses 33

Unrestricted electives

Needed to reach 120 credit hour minimum 13

Total Credit Hours 120

Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>History Subject Endorsement Core Requirements</td>
<td></td>
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<tr>
<td>SOSC 370</td>
<td>Social Science of the High School</td>
<td>3</td>
</tr>
<tr>
<td>Select 6 credit hours total: 6</td>
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</tr>
<tr>
<td>Select 3 to 6 credit hours of the following:</td>
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<td></td>
</tr>
<tr>
<td>HIST 210</td>
<td>Western Civilization</td>
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</tr>
<tr>
<td>HIST 211</td>
<td>Western Civilization</td>
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</tr>
<tr>
<td>Select 0 to 3 credit hours of the following:</td>
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<td></td>
</tr>
<tr>
<td>HIST 212</td>
<td>Non-Western World History</td>
<td></td>
</tr>
<tr>
<td>HIST 215</td>
<td>Introduction to Latin America</td>
<td></td>
</tr>
<tr>
<td>History Subject Endorsement Advanced Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select 18 credit hours of Advanced History Courses. 3</td>
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</tr>
<tr>
<td>History Subject Endorsement Option - Senior Seminar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>At the junior or senior level select:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Course topic reduces the credit hours required accordingly in Advanced US History, Advanced European History OR Advanced Non-Western History.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HIST 496</td>
<td>Senior Seminar in History: Variable Topics</td>
<td>4</td>
</tr>
<tr>
<td>Advanced US History</td>
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</tbody>
</table>

Select 9 credit hours of the following: 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 315</td>
<td>American Military History</td>
<td></td>
</tr>
<tr>
<td>HIST 405</td>
<td>The Plains Indians</td>
<td></td>
</tr>
<tr>
<td>HIST 406</td>
<td>History and Film</td>
<td></td>
</tr>
<tr>
<td>HIST 421</td>
<td>Women in America</td>
<td></td>
</tr>
<tr>
<td>HIST 429</td>
<td>Religion in America</td>
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<tr>
<td>HIST 431</td>
<td>Colonial America 1492-1750</td>
<td></td>
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<tr>
<td>HIST 432</td>
<td>Revolutionary America, 1750-1800</td>
<td></td>
</tr>
<tr>
<td>HIST 433</td>
<td>The National Period, 1800-1850</td>
<td></td>
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<tr>
<td>HIST 445</td>
<td>The Civil War and Reconstruction</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 471</td>
<td>History of the Pacific Rim</td>
<td></td>
</tr>
<tr>
<td>HIST 473</td>
<td>American Constitutional History I</td>
<td></td>
</tr>
<tr>
<td>HIST 474</td>
<td>American Constitutional History II</td>
<td></td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 477</td>
<td>American Thought and Culture, 1620-1865</td>
<td></td>
</tr>
<tr>
<td>HIST 478</td>
<td>American Thought and Culture, 1865-1990</td>
<td></td>
</tr>
<tr>
<td>HIST 479</td>
<td>Nebraska and the Great Plains History</td>
<td></td>
</tr>
<tr>
<td>HIST 481</td>
<td>North American Frontiers, 1500-1850</td>
<td></td>
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<tr>
<td>HIST 482</td>
<td>The American West, 1850-Present</td>
<td></td>
</tr>
<tr>
<td>HIST 483</td>
<td>The Gilded Age 1870-1898</td>
<td></td>
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<tr>
<td>HIST 484</td>
<td>The United States: 1898-1941</td>
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<tr>
<td>HIST 485</td>
<td>The United States Since 1941</td>
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<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
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<tr>
<td>HIST 499</td>
<td>Independent Study</td>
<td></td>
</tr>
</tbody>
</table>

Advanced Non-US History

Select 9 credit hours of the following: 9

Advanced Non-Western History Courses

Select 3 to 9 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 407</td>
<td>History of Sea Power</td>
<td></td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
<td></td>
</tr>
<tr>
<td>HIST 416</td>
<td>History of Christianity</td>
<td></td>
</tr>
<tr>
<td>HIST 439</td>
<td>Pre-Hispanic and Colonial Latin America</td>
<td></td>
</tr>
<tr>
<td>HIST 441</td>
<td>Modern Latin America</td>
<td></td>
</tr>
<tr>
<td>HIST 450</td>
<td>Variable Topics in Latin American History</td>
<td></td>
</tr>
<tr>
<td>HIST 451</td>
<td>Comparative Colonialism: Asia and Africa</td>
<td></td>
</tr>
<tr>
<td>HIST 452</td>
<td>Colonial India</td>
<td></td>
</tr>
<tr>
<td>HIST 453</td>
<td>Modern India</td>
<td></td>
</tr>
<tr>
<td>HIST 455</td>
<td>Comparative Studies in Ethnic Conflict</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 457</td>
<td>British Empire</td>
<td></td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
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<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
<td></td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
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</tbody>
</table>

Advanced European History Courses

Select 0 to 6 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 375</td>
<td>English History</td>
<td></td>
</tr>
<tr>
<td>HIST 376</td>
<td>English History</td>
<td></td>
</tr>
<tr>
<td>HIST 407</td>
<td>History of Sea Power</td>
<td></td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
<td></td>
</tr>
</tbody>
</table>

HIST 409 | The High Middle Ages 1050-1350                  |
Select 6 credit hours total:
Select 3 to 6 credit hours of the following:
GEOG 104 World Regional Geography
GEOG 106 Human Geography
Select 0 to 3 credit hours of the following:
SOC 250 Anthropology

Total Credit Hours 33

1 Work closely with advisor. Courses from this section may fulfill requirements in History Subject Endorsement Supporting Courses.
2 Students must apply for admission to all Teacher Education programs (p. 404).
3 At least 9 credit hours of the advanced history credit hours must be 400 level courses.
4 May count towards General Studies requirements. Work closely with advisor.

History Minor
Offered by Department of History (p. 252)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Requirements</td>
<td></td>
</tr>
<tr>
<td>HIST 250</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 251</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 210</td>
<td>Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 211</td>
<td>Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 212</td>
<td>Non-Western World History</td>
<td>3</td>
</tr>
<tr>
<td>or HIST 215</td>
<td>Introduction to Latin America</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Electives</td>
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<tr>
<td></td>
<td>Select 3 credit hours of History electives at the 200 level</td>
<td>3</td>
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</tbody>
</table>

Select 12 credit hours of History electives at the 300-400 level 12

Total Credit Hours 24

History, Bachelor of Arts
Offered by Department of History (p. 252)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
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<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>12</td>
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<tr>
<td></td>
<td>Portal</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
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</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
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<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
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<tr>
<td></td>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
<td>2</td>
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<tr>
<td></td>
<td>Capstone</td>
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<td></td>
<td>Select one course numbered 388 (p. 461)</td>
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<tr>
<td></td>
<td>BA Language requirement</td>
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<tr>
<td></td>
<td>Complete all required courses 1</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Major Option</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Minor or 2nd Major</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses 2</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Unrestricted electives</td>
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</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td>9</td>
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<td></td>
<td>Total Credit Hours</td>
<td>120</td>
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Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>History Option Core Requirements</td>
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</tr>
<tr>
<td>HIST 250</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 251</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select 6 credit hours total:</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Select 3 to 6 credit hours of the following:</td>
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</tr>
<tr>
<td></td>
<td>HIST 210 Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HIST 211 Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select 0 to 3 credit hours of the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>HIST 212 Non-Western World History</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>HIST 215 Introduction to Latin America</td>
<td></td>
</tr>
<tr>
<td></td>
<td>History Option Advanced Courses</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 24 credit hours of Advanced History Courses. 3</td>
<td>3</td>
</tr>
</tbody>
</table>
### History Option-Senior Seminar
At the junior or senior level select:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HIST 496</td>
<td>Senior Seminar in History: Variable Topics 4</td>
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</table>

### History Option-Advanced US History
Select 9 credit hours of the following: 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 315</td>
<td>American Military History</td>
<td></td>
</tr>
<tr>
<td>HIST 405</td>
<td>The Plains Indians</td>
<td></td>
</tr>
<tr>
<td>HIST 406</td>
<td>History and Film</td>
<td></td>
</tr>
<tr>
<td>HIST 421</td>
<td>Women in America</td>
<td></td>
</tr>
<tr>
<td>HIST 429</td>
<td>Religion in America</td>
<td></td>
</tr>
<tr>
<td>HIST 431</td>
<td>Colonial America 1492-1750</td>
<td></td>
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<tr>
<td>HIST 432</td>
<td>Revolutionary America, 1750-1800</td>
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<tr>
<td>HIST 433</td>
<td>The National Period, 1800-1850</td>
<td></td>
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<tr>
<td>HIST 445</td>
<td>The Civil War and Reconstruction</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 471</td>
<td>History of the Pacific Rim</td>
<td></td>
</tr>
<tr>
<td>HIST 473</td>
<td>American Constitutional History I</td>
<td></td>
</tr>
<tr>
<td>HIST 474</td>
<td>American Constitutional History II</td>
<td></td>
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<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 477</td>
<td>American Thought and Culture, 1620-1865</td>
<td></td>
</tr>
<tr>
<td>HIST 478</td>
<td>American Thought and Culture, 1865-1990</td>
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<tr>
<td>HIST 479</td>
<td>Nebraska and the Great Plains History</td>
<td></td>
</tr>
<tr>
<td>HIST 481</td>
<td>North American Frontiers, 1500-1850</td>
<td></td>
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<tr>
<td>HIST 482</td>
<td>The American West, 1850-Present</td>
<td></td>
</tr>
<tr>
<td>HIST 483</td>
<td>The Gilded Age 1870-1898</td>
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<tr>
<td>HIST 484</td>
<td>The United States: 1898-1941</td>
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</tr>
<tr>
<td>HIST 485</td>
<td>The United States Since 1941</td>
<td></td>
</tr>
<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
<td></td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
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</table>

### History Option-Advanced European History
Select 9 credit hours of the following: 9

<table>
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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 375</td>
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<td></td>
</tr>
<tr>
<td>HIST 376</td>
<td>English History</td>
<td></td>
</tr>
<tr>
<td>HIST 407</td>
<td>History of Sea Power</td>
<td></td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
<td></td>
</tr>
<tr>
<td>HIST 409</td>
<td>The High Middle Ages 1050-1350</td>
<td></td>
</tr>
<tr>
<td>HIST 411</td>
<td>Saints and Sinners</td>
<td></td>
</tr>
<tr>
<td>HIST 412</td>
<td>Society and Gender in the Middle Ages</td>
<td></td>
</tr>
<tr>
<td>HIST 420</td>
<td>Women in Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 455</td>
<td>Comparative Studies in Ethnic Conflict</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 457</td>
<td>British Empire</td>
<td></td>
</tr>
<tr>
<td>HIST 459</td>
<td>European Expansion and Exploration</td>
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</tr>
<tr>
<td>HIST 461</td>
<td>Renaissance and Reformation</td>
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</tr>
<tr>
<td>HIST 462</td>
<td>Seventeenth and Eighteenth Century Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 463</td>
<td>French Revolution and Napoleon</td>
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</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
<td></td>
</tr>
<tr>
<td>HIST 488</td>
<td>Nineteenth Century Europe</td>
<td></td>
</tr>
<tr>
<td>HIST 489</td>
<td>Fascism and Communism in Twentieth Century Europe</td>
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</table>

### History Option-Advanced Non-Western History
Select 6 credit hours of the following: 6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 407</td>
<td>History of Sea Power</td>
<td></td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
<td></td>
</tr>
<tr>
<td>HIST 416</td>
<td>History of Christianity</td>
<td></td>
</tr>
<tr>
<td>HIST 439</td>
<td>Pre-Hispanic and Colonial Latin America</td>
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<tr>
<td>HIST 441</td>
<td>Modern Latin America</td>
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</tr>
<tr>
<td>HIST 450</td>
<td>Variable Topics in Latin American History</td>
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</tr>
<tr>
<td>HIST 451</td>
<td>Comparative Colonialism: Asia and Africa</td>
<td></td>
</tr>
<tr>
<td>HIST 452</td>
<td>Colonial India</td>
<td></td>
</tr>
<tr>
<td>HIST 453</td>
<td>Modern Colonialism</td>
<td></td>
</tr>
<tr>
<td>HIST 455</td>
<td>Comparative Studies in Ethnic Conflict</td>
<td></td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
<td></td>
</tr>
<tr>
<td>HIST 457</td>
<td>British Empire</td>
<td></td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td></td>
</tr>
<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
<td></td>
</tr>
<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
<td></td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credit Hours**: 36

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3. At least 9 credit hours of the advanced history credit hours must be 400 level courses.
4. Course topic reduces the credit hours required accordingly in Advanced US History, Advanced European History OR Advanced Non-Western History.

### Public History Minor
Offered by Department of History (p. 252)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 251</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 464</td>
<td>Introduction to Public History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 468</td>
<td>Digital History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 405</td>
<td>The Plains Indians</td>
<td></td>
</tr>
<tr>
<td>HIST 479</td>
<td>Nebraska and the Great Plains History</td>
<td></td>
</tr>
<tr>
<td>HIST 481</td>
<td>North American Frontiers, 1500-1850</td>
<td></td>
</tr>
<tr>
<td>HIST 482</td>
<td>The American West, 1850-Present</td>
<td></td>
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</table>

### Electives
Select 3 of the following: 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>HIST 465</td>
<td>Community History &amp; Preservation</td>
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</table>
HIST 466  Museums & Archives  
HIST 475  Internship in History  
HIST 476  Applied Digital History  
HIST 495  Topical Studies  

Total Credit Hours 24

Social Science (Elementary Education) Minor

Offered by Department of History (p. 252)

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td></td>
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<tr>
<td></td>
<td>Geography</td>
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</tr>
<tr>
<td></td>
<td>Non-U.S. History</td>
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</tr>
<tr>
<td></td>
<td>Political Science</td>
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</tr>
<tr>
<td></td>
<td>Electives</td>
<td>12</td>
</tr>
</tbody>
</table>

Recommended for those planning to teach in the fourth through eighth grades:

- HIST 405  The Plains Indians  
- HIST 478  American Thought and Culture, 1865-1990  
- HIST 479  Nebraska and the Great Plains History  
- HIST 481  North American Frontiers, 1500-1850  
- HIST 482  The American West, 1850-Present

Total Credit Hours 24

1 Except GEOG 188, GEOG 388, HIST 188, PSCI 188, PSCI 388

2 Except ECON 188, ECON 388, GEOG 188, GEOG 388, HIST 188, PSCI 188, PSCI 388, PSY 188, PSY 388, SOC 188

Social Science 7-12 Teaching Field Endorsement, Bachelor of Arts in Education

Offered by Department of History (p. 252)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>12</td>
</tr>
</tbody>
</table>

Foundational Core courses (p. 460) 12

Including:

- ENG 102  Academic Writing and Research  
- SPCH 100  Fundamentals of Speech Communication  
- TE 100  Teaching in a Democratic Society  

Portal  
Select one course numbered 188 (p. 465) 3

Distribution  
ENG 101  Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3  
Humanities (p. 464) 9

Including:

- HIST 250  American History  
- HIST 251  American History  
- HIST 210  Western Civilization  
- HIST 211  Western Civilization

Social Sciences (p. 465) 6

Including:

- PSCI 110  Introduction to American Politics  
- GEOG 104  World Regional Geography  
  or GEOG 106  Human Geography

Natural Sciences (p. 464) 7

Including:

- GEOG 101  Physical Geography I: The Atmosphere  
- GEOG 102  Physical Geography II: The Lithosphere

Analytical and Quantitative Thought (p. 460) 0  
Wellness (p. 466) 3

Including:

- PE 150  Healthy Wealthy and Wise  

Capstone  
Select one course numbered 388 (p. 461) 3

Professional Sequence  
Complete all required courses 1 25

Including:

- TE 319  Management and Assessment in K-12/Secondary Classrooms  
- TE 320  Field Experience in Secondary Classroom

Endorsement  
Complete all required courses 45

Unrestricted electives  
Needed to reach 120 credit hour minimum 1

Total Credit Hours 120

Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Social Science Field Endorsement Core Requirements</td>
<td>6</td>
</tr>
</tbody>
</table>

Select 6 credit hours total:

Select 3-6 credit hours of the following:

- HIST 210  Western Civilization  
- HIST 211  Western Civilization

Select 0-3 credit hours of the following:

- HIST 212  Non-Western World History  
- HIST 215  Introduction to Latin America  
- SOSC 370  Social Science of the High School 3

Social Science Field Endorsement Advanced Courses  
Select 12 credit hours from Advanced History Courses. At least 6 credit hours of the advanced history credit hours must be 400 level courses.

Social Science Field Endorsement Option - Senior Seminar  
At the junior or senior level select:
### HIST 496  Senior Seminar in History: Variable Topics

**Advanced US History**

Select 6 credit hours of the following: 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 315</td>
<td>American Military History</td>
</tr>
<tr>
<td>HIST 405</td>
<td>The Plains Indians</td>
</tr>
<tr>
<td>HIST 406</td>
<td>History and Film</td>
</tr>
<tr>
<td>HIST 421</td>
<td>Women in America</td>
</tr>
<tr>
<td>HIST 429</td>
<td>Religion in America</td>
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<tr>
<td>HIST 431</td>
<td>Colonial America 1492-1750</td>
</tr>
<tr>
<td>HIST 432</td>
<td>Revolutionary America, 1750-1800</td>
</tr>
<tr>
<td>HIST 433</td>
<td>The National Period, 1800-1850</td>
</tr>
<tr>
<td>HIST 445</td>
<td>The Civil War and Reconstruction</td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
</tr>
<tr>
<td>HIST 471</td>
<td>History of the Pacific Rim</td>
</tr>
<tr>
<td>HIST 473</td>
<td>American Constitutional History I</td>
</tr>
<tr>
<td>HIST 474</td>
<td>American Constitutional History II</td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
</tr>
<tr>
<td>HIST 477</td>
<td>American Thought and Culture, 1620-1865</td>
</tr>
<tr>
<td>HIST 478</td>
<td>American Thought and Culture, 1865-1990</td>
</tr>
<tr>
<td>HIST 479</td>
<td>Nebraska and the Great Plains History</td>
</tr>
<tr>
<td>HIST 481</td>
<td>North American Frontiers, 1500-1850</td>
</tr>
<tr>
<td>HIST 482</td>
<td>The American West, 1850-Present</td>
</tr>
<tr>
<td>HIST 483</td>
<td>The Gilded Age 1870-1898</td>
</tr>
<tr>
<td>HIST 484</td>
<td>The United States: 1898-1941</td>
</tr>
<tr>
<td>HIST 485</td>
<td>The United States Since 1941</td>
</tr>
<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

**Advanced Non-US History**

Select 6 credit hours of the following: 6

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIST 375</td>
<td>English History</td>
</tr>
<tr>
<td>HIST 376</td>
<td>English History</td>
</tr>
<tr>
<td>HIST 407</td>
<td>History of Sea Power</td>
</tr>
<tr>
<td>HIST 408</td>
<td>War and Society</td>
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<tr>
<td>HIST 409</td>
<td>The High Middle Ages 1050-1350</td>
</tr>
<tr>
<td>HIST 411</td>
<td>Saints and Sinners</td>
</tr>
<tr>
<td>HIST 412</td>
<td>Society and Gender in the Middle Ages</td>
</tr>
<tr>
<td>HIST 416</td>
<td>History of Christianity</td>
</tr>
<tr>
<td>HIST 420</td>
<td>Women in Europe</td>
</tr>
<tr>
<td>HIST 439</td>
<td>Pre-Hispanic and Colonial Latin America</td>
</tr>
<tr>
<td>HIST 441</td>
<td>Modern Latin America</td>
</tr>
<tr>
<td>HIST 450</td>
<td>Variable Topics in Latin American History</td>
</tr>
<tr>
<td>HIST 451</td>
<td>Comparative Colonialism: Asia and Africa</td>
</tr>
<tr>
<td>HIST 452</td>
<td>Colonial India</td>
</tr>
<tr>
<td>HIST 453</td>
<td>Modern India</td>
</tr>
<tr>
<td>HIST 455</td>
<td>Comparative Studies in Ethnic Conflict</td>
</tr>
<tr>
<td>HIST 456</td>
<td>Regional Field Study</td>
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<tr>
<td>HIST 457</td>
<td>British Empire</td>
</tr>
<tr>
<td>HIST 459</td>
<td>European Expansion and Exploration</td>
</tr>
<tr>
<td>HIST 461</td>
<td>Renaissance and Reformation</td>
</tr>
<tr>
<td>HIST 462</td>
<td>Seventeenth and Eighteenth Century Europe</td>
</tr>
<tr>
<td>HIST 463</td>
<td>French Revolution and Napoleon</td>
</tr>
<tr>
<td>HIST 475</td>
<td>Internship in History</td>
</tr>
<tr>
<td>HIST 486</td>
<td>Imperial Russia</td>
</tr>
<tr>
<td>HIST 488</td>
<td>Nineteenth Century Europe</td>
</tr>
<tr>
<td>HIST 489</td>
<td>Fascism and Communism in Twentieth Century Europe</td>
</tr>
<tr>
<td>HIST 490</td>
<td>Twentieth Century Europe</td>
</tr>
<tr>
<td>HIST 492</td>
<td>Soviet Russia</td>
</tr>
<tr>
<td>HIST 493</td>
<td>Modern Eastern Europe</td>
</tr>
<tr>
<td>HIST 495</td>
<td>Topical Studies</td>
</tr>
<tr>
<td>HIST 499</td>
<td>Independent Study</td>
</tr>
</tbody>
</table>

**Social Science Field Endorsement Distribution Requirements**

Take a minimum of 6 credit hours in each social science area (including General Studies courses).

**Economics**

- ECON 270  Principles of Economics, Macroeconomics 3
- ECON 271  Principles of Economics, Microeconomics 3

**Geography**

Select 3 credit hours of the following: 3

- GEOG 300-GEOG 499

**Political Science**

Select 1 of the following: 3

- PSCI 140  Democracies Around the World
- PSCI 168  Introduction to International Relations
- PSCI 170  Democracy as a Political Idea

**Psychology**

- PSY 203  General Psychology 3

Select 3 credit hours of the following: 3

- PSY 300-PSY 499

**Sociology/Anthropology**

- SOC 100  Introduction to Sociology 3
- SOC 250  Anthropology 3

**Total Credit Hours** 45

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1. Students must apply for admission to all Teacher Education programs (p. 404).
2. Course topic reduces the credit hours required accordingly in Advanced US History, OR Advanced Non-U.S. History.
3. 3 credit hours required in addition to General Studies listed above
4. Exceptional GEOG 388
5. Exceptional PSY 388

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### Department of Industrial Technology

#### Department Objectives

- To prepare students for management careers in aviation systems, construction, industrial distribution, and telecommunications;
- To provide courses for attaining knowledge of industrial technology and related areas;
- To provide courses which support and enrich the academic curricula and general education;
- To provide courses for students interested in transferring to such programs as engineering, architecture, and education.
College of Business and Technology Graduation Requirements

• All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.
• All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.
• All students graduating with a degree from the College of Business and Technology are required to complete 3 credit hours of designated Experiential Learning (EL) coursework.

Safety Center
Mickie Anderson, Director

Program Objective
The Nebraska Safety Center was established at the University of Nebraska at Kearney by the Nebraska Legislature, in 1978, to provide “... increased training and research activity in fields of traffic safety, home safety, industrial safety, fire safety, and recreational safety ...”

Industrial Technology Major
Seven options are available in this major:

1. Aviation Systems Management Comprehensive (p. 269) - Bachelor of Science Degree
2. Construction Management Comprehensive (p. 271) - Bachelor of Science Degree
3. Industrial Distribution Comprehensive (p. 272) - Bachelor of Science Degree
4. Industrial Technology (p. 274) - Bachelor of Science Degree
5. Industrial Technology Applied Science Comprehensive (p. 273) - Bachelor of Science Degree (AAS Transfer Major)
6. Interior and Product Design Comprehensive (p. 275) - Bachelor of Science Degree

Minors in Construction Management (p. 271), Industrial Safety (p. 273), Industrial Technology (p. 274), and Safety Education (p. 276) are available for students pursuing majors in other disciplines.

James Vaux (http://aaunk.unl.edu/catalogs/current/fac/facultyv.asp#vauxja), Chair
Professor: Timothy Obermier
Associate Professor: Rod Flanigan
Assistant Professor: Jacob Bishop, Lowell Hinchee, Ahna Packard, Dale Porter, Mahmoud Shakouri Hassamabadi, James Vaux
Senior Lecturer: Terry Gibbs
Lecturer: Benjamin Brachle

Interior and Product Design (IPD)

IPD 109 – Introduction to Design 3 credit hours
An introduction to the field of design with an emphasis on design thinking and problem solving.
Additional Course Fee Required

IPD 120 – Foundation Studio I 3 credit hours
Introduces foundational methods for organizing abstract relationships in both 2D and 3D contexts.
Corequisite: IPD 125.

IPD 125 – Design Drawing 3 credit hours
An introduction to perceptual drawing and visual thinking.
Corequisite: IPD 120.

IPD 260 – Foundation Technology for Design 3 credit hours
Advanced foundational methods for organizing abstract relationships in both 2D and 3D contexts.
Prerequisite: IPD 120.
Corequisite: IPD 260.

IPD 207 – History of Design I 3 credit hours
A survey of design as it pertains to architecture, interiors, furniture, and product from antiquity through 1900. In addition; a contextualization via seminal theory and modern application.
Prerequisite: IPD 120

IPD 209 – History of Design II 3 credit hours
A survey of design as it pertains to architecture, interiors, furniture, and product from 1900 to present. In addition; to a contextualization via theory and modern application.
Prerequisite: IPD 207

IPD 210 – Design Studio I 3 credit hours
Introduction to the design process with an emphasis on design problem-solving and the application of design principles to interior environments and products.
Prerequisite: IPD 260
Additional Course Fee Required

IPD 260 – Foundation Technology for Design 3 credit hours
Foundational design visualization and fabrication technologies and processes.
Prerequisite: IPD 120 and IPD 125.
Corequisite: IPD 206.
Additional Course Fee Required

IPD 265 – Design Technology I 3 credit hours
Intermediate design visualization and fabrication technologies relevant to design problem solving.
Prerequisite: IPD 206 and IPD 260.
Additional Course Fee Required

IPD 275 – Interior Staging & Trends 1-3 credit hours
Aspects of interior decoration as it pertains to the homeowner, real-estate industry, and interior design student. This course will discuss the placement of furnishings, how to create a focal point, decorating suggestions, using the items that you already own and other basic information needed to properly stage a home for sale.
IPD 305 – Residential Kitchen and Bath Design 3 credit hours
The study and application of the National Kitchen and Bath Association’s Guidelines of Planning Standards and Safety Criteria for residential kitchens and bathrooms including Universal Design concepts. Includes the study and selection of kitchen and bath materials, equipment, and cabinetry. Computer aided Kitchen and Bath design software is introduced.
Prerequisite: IPD 206 and IPD 260

IPD 306 – Lighting in Interior and Product Design 3 credit hours
The study of the theory and application of electric light sources in interior and product design. Includes a study of light and color theories, and the selection, evaluation, and design of lighting solutions.
Prerequisite: IPD 210 and IPD 265

IPD 307 – Furniture, Finishes, Materials and Components of Interior Architecture 3 credit hours
Study of selection, care, and use of furniture, finishes, materials, and components of residential and contract interior architecture to solve design problems. Includes environmental, economic, and universal design concerns, testing standards, and cost estimating. Computer spreadsheet software is used.
Prerequisite: IPD 206 and IPD 260

IPD 308 – Comparative Studies in Housing and Families 3 credit hours
Housing requirements of today’s families, housing laws, the housing industry and home ownership.

IPD 310 – Design Studio II 3 credit hours
Intermediate design problem-solving related to environment-behavior, spatial, and organizational theories.
Prerequisite: IPD 210.
Corequisite: IPD 320.

IPD 312 – Housing Interiors for Special Needs Populations 1-3 credit hours
Principles and elements of interior design as it applies to special needs populations with emphasis on the elderly, handicapped and ADA regulations.
Prerequisite: IPD 305

IPD 313 – Renovation and Restoration of Interiors 3 credit hours
Principles and elements of design for renovation of existing residential structures for better utilization of existing space and/or plan for additional space based on requirements of restoration and preservation of furnishings of historically significant interiors.
Prerequisite: ITEC 122

IPD 318 – Design Studio III 3 credit hours
Application of design problem-solving in a global context in order to understand the role of design as it examines culture and universality within large problems.
Prerequisite: IPD 310

IPD 320 – Design Technology II 3 credit hours
Advanced design visualization and fabrication technologies relevant to design problem solving.
Prerequisite: IPD 210 and IPD 265.
Corequisite: IPD 310.
Additional Course Fee Required

IPD 325 – Design Technology Applications 3 credit hours
Application of design visualization and fabrication techniques through research, design, prototype construction, evaluation, and redesign.
Prerequisite: IPD 310 and IPD 320.
Corequisite: IPD 318.

IPD 399 – Individual Studies in Interior and Product Design 1-3 credit hours
Independent study of topics in Interior and Product Design to meet the needs of the student. For majors only.
Department Consent Required
Total Credits Allowed: 18.00

IPD 403 – Design Studio IV 3 credit hours
Advanced design problem-solving in the context of complex commercial and residential environments.
Prerequisite: IPD 318.
Corequisite: IPD 405.

IPD 405 – Design Research Methods 3 credit hours
The study of research for design problem solving including theory, methods, and contexts. Students will develop a research thesis that will direct their final senior project.
Prerequisite: IPD 318
Additional Course Fee Required

IPD 407 – Design Senior Project 3 credit hours
Self-directed design thesis project based on research and review. The student will develop unique and applicable design solutions with clear research methodology and theoretical groundings.
Prerequisite: IPD 403 and IPD 405
Additional Course Fee Required

IPD 440 – Experiential Design Projects 3 credit hours
This class will provide an opportunity to engage in live, local and regional projects. Students will interface with home owners, end users, contractors, builders, developers, real-estate agents and other local professionals as they navigate and follow projects from start to finish.
Prerequisite: IPD 318 and IPD 305 and IPD 446

IPD 446 – Professional Practice for Design 2 credit hours
Study of ethics and principles of design professional practice and the management of design projects. Includes Final Portfolio Review.
Prerequisite: IPD 310 and IPD 320

IPD 475 – Internship 1-9 credit hours
Internship is defined as a set of work-related experiences in the context of professional settings. The purpose of this course is to provide a work experience program for students preparing for employment in Interior and Product Design. It provides students with opportunities for broader experience and enables them to develop competencies which meet requirements of professional licensing. Work experience must involve design applications and provide opportunities for students to develop competencies in areas related to professional licensing. Students should contact their program coordinator prior to enrolling in this course.
Total Credits Allowed: 12.00
Prerequisite: IPD 310

IPD 490 – Special Problems in Interior and Product Design 3 credit hours
Special topics in design for Interior and Product Design majors.

Industrial Technology (ITEC)
ITEC 110 – Introduction to Technology 1 credit hour
Students will be introduced to career opportunities, and encouraged to explore career options. Once students are familiar with various degree programs they will develop long range plans for achieving their career goal(s).
ITEC 114 – Introduction to Industrial Distribution 2 credit hours
Definition, history, types of, range of products, lines of distribution, function of manufacturers, distributors, operations, measures of effectiveness, employment and advancement opportunities.

ITEC 116 – Introduction to Construction Management 3 credit hours
An introduction to the construction industry; and overview of the construction industry sectors and the industry’s impact on the economy; and a brief overview of the construction process. The course will preview the construction management degree curriculum with an overview of policies, procedures and resources of the Industrial Technology Department on the University of Nebraska at Kearney campus.

ITEC 120 – Interpretation of Technical Documents 3 credit hours
This course is designed to meet the needs of the Family and Consumer Science major with an emphasis in Interior Design. Specific methods applicable to the major’s degree program and an introduction to computer aided drafting and design are included.

ITEC 122 – Architectural Drafting & Design 3 credit hours
This course is designed to meet the needs of the Family and Consumer Science major with an emphasis in Interior Design. Specific methods applicable to the major’s degree program and an introduction to computer aided drafting and design are included.

ITEC 130 – Technology Today 3 credit hours
This course presents a conceptual approach to computer aided communication systems typically applied in industrial environments. Emphasis will be placed on utilizing computer technology to integrate text and graphics in the preparation of documents and presentation materials.

ITEC 170 – Private Pilot Theory 3 credit hours
This course serves as a preparation for the FAA Private Pilot written exam which may be taken upon successful completion of this course. The course includes instruction in FAA regulations, weather, air and radio navigation, flight safety and emergency procedures necessary for successful completion of the FAA exam.

ITEC 171 – Introduction to Flight 1 credit hour
This course is the student’s first exposure to flight operations. The fundamental flight skills and the sensations associated with completing these skills will be demonstrated. Basic aviation terms and nomenclature will be introduced. Additional Course Fee Required

ITEC 172 – Professional Flight 1 1 credit hour
This course provides the student with an introduction to the aeronautical experiences required to effectively pursue careers in aviation. In this course the student will become familiar with the training airplane through dual instruction and solo practice and will learn how the airplane controls are used to establish and maintain specific flight attitudes. The student will also learn to plan and conduct cross-country flights using pilotage, dead reckoning, and radio navigation. Prerequisite: ITEC 171 or permission
Additional Course Fee Required

ITEC 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

ITEC 205 – Virtual Design & Construction 3 credit hours
This is a beginning design course to develop a working knowledge of computer added design and drafting (CADD) skills, design thinking process and principles, while teaching 3D Design CADD software skills.
Prerequisite: ITEC 110 and ITEC 120
Additional Course Fee Required

ITEC 210 – Society and Technology 3 credit hours
The course will introduce students to the impact that technology has had on society, the economy and politics. Historical development of technology will be developed in an effort to provide information on the importance of technology.

ITEC 212 – Construction Estimating 1 3 credit hours
Estimating fundamental, concepts, and strategies used in the process of construction cost estimating. Quantity take off, unit pricing, estimate development, drawing and interpretation, resource pricing, and bidding procedures. Computer applications are introduced.
Prerequisite: ITEC 240
Additional Course Fee Required

ITEC 220 – Electricity/Electronics 3 credit hours
This course will provide an overview of the fundamentals of electricity/electronics. This is a foundation course for students entering the field of Industrial Technology and will provide the necessary working knowledge required for automation systems, telecommunications, residential/commercial wiring, and computer based electronics.
Additional Course Fee Required

ITEC 225 – The Influence of Technology on Democracy 3 credit hours
Students in this course will examine technology in the areas of telecommunications, construction, distribution, public safety and its impact and influence upon a democratic society. Varied technologies create complex situations that impact the processes and ideals of democracy. Advances in technology have created future benefits as well as consequences relative to the ideas afforded and provided by a democracy. Various forms of democracies will be examined to see how each adapts to incursion or open implementation of various technologies.
Are the leaders of tomorrow, our current students, prepared to address the technological challenges of the future?

ITEC 230 – Statics and Strength of Materials 3 credit hours
This course is an introductory exposure to the engineering principles relative to static design and their application to primary construction materials and structures. Through problem solving and application, students will develop an appreciation for the vital importance of engineering to the stability and resulting safety of structures.
Additional Course Fee Required
ITEC 240 – Construction Materials & Methods 3 credit hours
This course will explore the design and construction methods of light commercial/residential structures. The construction industry is constantly changing as new materials, technologies, and processes evolve. These concepts will be presented and applied in the class. The fundamentals of these construction methods and techniques will be reinforced with various lab activities, e.g. concrete, framing, and roofing. Prerequisite: ITEC 120 or IPD 210 Additional Course Fee Required

ITEC 250 – Construction Surveying 3 credit hours
Methods and equipment utilization in layout and control of building projects and construction site development. Includes horizontal and vertical control methods using manual and electronic surveying equipment (Theodolite). Prerequisite: MATH 103 Additional Course Fee Required

ITEC 251 – Machine Tool Products and Applications 3 credit hours
A study of modern manufacturing based on the production of parts and assemblies by means of various processes and methods. Prerequisite: ITEC 114

ITEC 271 – Industrial Products & Applications I 3 credit hours
This course is designed to provide specific product knowledge and applications skills required of today’s electrical and electronic component sales professionals. Prerequisite: ITEC 114 and completion of General Studies Foundational Core Math class.

ITEC 272 – Industrial Products & Applications II 3 credit hours
This course is designed to provide specific product knowledge and applications skills required of today’s industrial sales professional. It includes (1) power transmission devices, (2) pipes, valves, and fittings, and, (3) hydraulics and pneumatics. Related topics such as maintenance and lubricants are included. New technologies are included in the course as they become available. Prerequisite: ITEC 271

ITEC 280H – Special Topics 1 credit hour

ITEC 283 – Fluid Power 3 credit hours
The course is designed to cover the nature of fluids and gas under pressure, the transmission of power by fluid and gas, the design of hydraulic and pneumatic systems and automatic control of these systems. Prerequisite: MATH 102

ITEC 290 – Communicating Through Technology 3 credit hours
Utilizing traditional, computer, and internet presentation technology, the course will address how to communicate effectively utilizing verbal and nonverbal communication techniques. Evaluating, listening, presenting, body language, and technology based presentation programs are a few of the main topics.

ITEC 291 – Instrument Pilot Theory 3 credit hours
This course serves as a preparation for the FAA Instrument Pilot written exam which may be taken upon successful completion of the course. The course includes instruction in all areas required by 14 CFR Part 61.65(b). Prerequisite: ITEC 110 and ITEC 171 or permission

ITEC 292 – Professional Flight 2 1 credit hour
This course provides the student with the VFR cross-country aeronautical experience to prepare him or her for the next phase of their professional training, the instrument rating. Prerequisite: ITEC 172 or permission Additional Course Fee Required

ITEC 293 – Professional Flight 3 1 credit hour
This course provides the student with the simulated and actual instrument reference aeronautical experiences required to obtain the Instrument Airplane rating, FAA Instrument Airplane rating. Prerequisite: ITEC 172 or permission Additional Course Fee Required

ITEC 308 – Industrial Management 3 credit hours
Designed to present specific functions, resources, techniques and responsibilities associated with the various phases of industrial management.

ITEC 312 – Construction Estimating II 3 credit hours
Designed to meet the individual needs of students requiring additional specialization in the construction field of study with emphasis in computer and manual estimating. Prerequisite: ITEC 130 and ITEC 240 and ITEC 212 Additional Course Fee Required

ITEC 320 – Applied Electronics 3 credit hours
The course will deal with analog and digital circuitry and their various applications in electronics. Computer and industry control circuits will be incorporated. Prerequisite: ITEC 110 and ITEC 220 Additional Course Fee Required

ITEC 341 – Mechanical and Electrical Systems 3 credit hours
The course will include the basic construction practices included in all phases of the industry dealing with the electro and mechanical systems of structures. Specifically electrical systems, heating systems, cooling systems, and plumbing systems. Prerequisite: ITEC 240 Additional Course Fee Required

ITEC 353 – Industrial Distribution Branch Operations 3 credit hours
A study of the basic functions of an industrial distributor, how to manage each area of branch operations for a single or multi-level branch organization, account planning, and the management of territories, sales cycles, and sales teams.

ITEC 360 – Building Codes and Inspections 3 credit hours
This course will provide the student with a working understanding of the elements associated with all phases of completing a structure in compliance with current building codes. Topics included are permitting, occupancy permits, trades, inspections, and the role of the general contractor in insuring codes are observed. The experiences will be gained through a classroom and on-site environment. Prerequisite: ITEC 240 Additional Course Fee Required

ITEC 370 – Construction Scheduling 3 credit hours
Students will be exposed to the area of construction scheduling and the importance of this area to the successful completion of a project. This course emphasizes professional application grounded in accepted theory and techniques. Prerequisite: ITEC 212 Additional Course Fee Required
ITEC 375 – Commercial Pilot Theory  3 credit hours
This course serves as a preparation for the FAA Commercial Pilot knowledge exam which may be taken upon successful completion of this course. The course includes instruction in FAA regulations, weather, air and radio navigation, flight safety and emergency procedures necessary for successful completion of the FAA exam. In addition, specific information regarding the privileges and limitations on the holder of the Commercial Pilot Certificate are discussed in detail. Prerequisite: ITEC 171 or permission

ITEC 376 – Professional Flight 4  2 credit hours
This course provides the student with the aeronautical experiences required to obtain the FAA Commercial Pilot Certificate. Prerequisite: ITEC 172 or permission Additional Course Fee Required

ITEC 377 – Professional Flight 5  2 credit hours
This course provides the student with the aeronautical experiences required to add the FAA Multi-Engine rating to an existing Pilot Certificate. Prerequisite: ITEC 172 or permission Additional Course Fee Required

ITEC 378 – Professional Flight 6  2 credit hours
This course provides the student with the aeronautical experiences required to qualify for the FAA Flight Instructor Certificate. Prerequisite: ITEC 376 or permission

ITEC 379 – Professional Flight 7  2 credit hours
This course provides the student with the aeronautical experiences required to qualify for the FAA Instrument Flight Instructor Certificate. Prerequisite: ITEC 378 or permission

ITEC 380 – Professional Flight 8  2 credit hours
This course provides the student with the aeronautical experiences required to qualify for the FAA Multi-Engine Flight Instructor Certificate. Prerequisite: ITEC 376 and ITEC 377 or permission

ITEC 383 – Mechanical Power  3 credit hours
The course is specifically designed to provide extensive study and understanding of the power transmission and motion control industry. In addition, the course is holistically designed to integrate the extensive technical studies with current manufacturing, management, sales, and industry news and events. Prerequisite: MATH 102

ITEC 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

ITEC 391 – Aviation Law  3 credit hours
This course covers the interpretation and application of the statues, related acts, and federal regulations, and common law aviation issues.

ITEC 392 – Aviation Airport Management  3 credit hours
This course is primarily directed toward the planning and complete development of an airport including the economic, social, political, and operation requirements. Federal Aviation Regulations as well as Environmental Protection Act requirements are addressed.

ITEC 393 – Aviation Safety  3 credit hours
The primary goal of this course is to thoroughly indoctrinate the student pilot with safety consciousness including awareness of physical limitations, effects of flight on the human body, severe weather, and in flight emergencies. Although advanced placement is not mandatory, beginning college students are not encouraged to enroll.

ITEC 394 – Air Traffic Control  3 credit hours
This course is a survey of the National Airspace System, air traffic control procedures, the control environment and the airport environment. The content of this course includes instruction on: 1. The role of the air traffic control in commercial aviation; 2. The procedures and tools used by the air traffic controller; and 3. How these tools and procedures can be utilized by the pilot in the airspace of the United States.

ITEC 398 – Advanced Virtual Design and Construction  3 credit hours
This course is an introduction to Building Information Modeling (BIM) and Virtual Design & Construction (VDC), and how the process is transforming the design, construction, management, operation, and maintenance of buildings. Through a series of lectures, discussion of case studies, and hands-on demonstrations of software, students will explore topics including BIM principles, concepts, and tools, and the business case for BIM. Prerequisite: ITEC 212 and ITEC 205 Additional Course Fee Required

ITEC 399 – Independent Study  1-3 credit hours
Permission of the instructor is required. The course provides independent investigation of problems in Industrial Technology. Topics to be researched may be tailored to meet the needs of the student. Individual research, under the direct supervision of a faculty member of the department, will utilize problem-solving applications. Department Consent Required Total Credits Allowed: 3.00

ITEC 408 – Leadership in Business and Technology  3 credit hours
This course will present information and provide skills needed by managers who will be required to cope with an ever-increasing rate of change. Creative long range planning coupled with the ability to lead people will be of utmost importance. Leadership styles will be studied by review of characteristics of successful leaders past and present.

ITEC 416 – Advanced Aerodynamics/Aircraft Performance  3 credit hours
This course is designed to develop a sound understanding of the concepts of aerodynamics relevant to flight, and the impact of the natural environment upon the performance of modern aircraft. Prerequisite: PHYS 205 and PHYS 205L or permission

ITEC 417 – Advanced Aircraft Systems  3 credit hours
This course will acquaint the student with various aircraft types and sophisticated aircraft systems, as well as pilot requirements and responsibilities within these systems. Prerequisite: ITEC 220 or permission

ITEC 420 – Individual Problems in Computer-Aided Drafting Technology  3 credit hours
Designed to meet the individual needs of the student who desires additional specialization in the computer aided drafting and design area. Prerequisite: ITEC 205
ITEC 445 – Human Factors & Productivity 3 credit hours
Students will be exposed to the influence that human factors have on productivity on a construction site. The importance of understanding and effective management will be studied and how this can improve the budget, quality, and time objectives of a project. This course emphasizes strategy development and practical application grounded in accepted theory and techniques.
Prerequisite: ITEC 475 and senior standing

ITEC 451 – Manufacturing/Distribution Relationships 3 credit hours
The study of the design and development of products and services emphasizing the quantitative aspects and the interlocking factors affecting human performance and the utilization of facilities, machines, and materials. A working corporate structure will be established to research, develop, produce, and market produce.
Prerequisite: ITEC 251 and ITEC 475

ITEC 453 – Purchasing for Wholesale Distribution 3 credit hours
A study of purchasing fundamentals performed by personnel who have the responsibility for procurement of materials, equipment, and/or services in a wholesale distribution environment.

ITEC 458 – Materials: Structure, Properties, and Processing 3 credit hours
This course is designed to help students become familiar with industrial materials, including metals, ceramics, polymers, and composites. Successful students will understand the atomic structure and microstructure of materials, how fabrication and processing conditions influence this structure, and the mechanical properties of the resulting materials.
Prerequisite: ITEC 272

ITEC 475 – Internship 3-12 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning situation is organized and supervised cooperatively by the Department internship coordinator. Work experience must involve management training and supervisory responsibilities. Students are to contact their program coordinator prior to registering for this course.
Total Credits Allowed: 12.00
Prerequisite: ITEC 308 and GPA of 2.5 and junior standing

ITEC 482 – Digital Electronics 3 credit hours
Study of basic digital logic circuitry, computer languages, binary math, Boolean algebra, industrial control systems and current integrated circuitry technology will be included. Digital logic training systems of various manufacturers will be available for experimental work.
Prerequisite: ITEC 220 or PHYS 206 and PHYS 206L

ITEC 485 – Information Networking Seminar 3 credit hours
A review of the information networking and telecommunications industry of today. Students will be required to research various current information networking and telecommunications issues and be prepared for discussion.
Prerequisite: ITEC 390 and Senior standing

ITEC 490 – Industrial Distribution Seminar 3 credit hours
A review of industrial distribution today as it relates to management and sales of industrial products and services.
Prerequisite: ITEC 475

ITEC 494 – Special Topics in Industrial Distribution 3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.

ITEC 495 – Special Topics in Construction Management 3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.

ITEC 496 – Special Topics in Information Networking 3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.
Total Credits Allowed: 6.00

ITEC 497 – Special Topics in Aviation 3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.
Total Credits Allowed: 6.00

ITEC 498 – Seminar in Construction Management 3 credit hours
Students will be exposed to the real estate development process and the integral role of project management in meeting the goals of a successful real estate project. The emphasis of the course will be on application of project management tools and techniques utilized from pre-construction to close-out. Timely execution of quality work and effective written communication will be emphasized.
Prerequisite: ITEC 370 and ITEC 475 and Senior standing
Additional Course Fee Required

ITEC 499 – Independent Study and Research in Industrial Technology 1-6 credit hours
Concentrated work in specialized areas of industrial technology.
Total Credits Allowed: 6.00

Safety Education (SFED)

SFED 299 – Independent Studies in Safety 1-3 credit hours
There are many opportunities for independent study in the safety area. These opportunities could benefit UNK, the community, the Nebraska Safety Center and most important the student engaging in the independent study. Examples of independent studies include consumer product safety regulations, OSHA and traffic safety. This course would benefit the comparative novice in safety.
Department Consent Required
Total Credits Allowed: 3.00

SFED 310 – Driving Task Analysis 3 credit hours
This course gives an introduction to the content of driver education and driver improvement for the driver education instructor. This course provides the basis for the classroom and BTW instruction.

SFED 335 – General Safety Education 3 credit hours
This course includes a study of the philosophy of safety and safety education, the use of accident data, and the causes of accidents. Areas emphasized are: traffic, home, occupations, farm and recreational. Disaster readiness and fire prevention are included.

SFED 420 – Teaching Safety in Elementary Schools 3 credit hours
Designed to provide elementary teachers and safety education students with information, methods, techniques, and skills necessary to integrate school safety programs with core elementary classroom subjects and activities.

SFED 425 – Ergonomics 3 credit hours
This course will introduce the study of ergonomics in the workplace, human variability, human/machine interfacing, human factors in designing equipment and work station layout. Federal and state regulations and guidelines will be examined.
SFED 430 – Developing Driver Education Classroom Skills 3 credit hours
A study of the automobile and its impact on American society. Topics include: accident prevention, materials and methods used in the classroom, effects of alcohol and drugs, and psychological and sociological factors. Required for teaching driver education. Driver’s license is required.

SFED 431 – Developing Driver Education Vehicle Skills 3 credit hours
Effective principles, methods, techniques and materials for use in organizing safety programs, including the teaching and administration of high school driver education. Students are given the opportunity to acquire, through supervised teaching experience, competence in developing and teaching skills and techniques, as well as transferring driver knowledge, driving skills and inspiring satisfactory driving attitudes in students.

SFED 435 – Occupation Safety/Health 3 credit hours
The study of safety and health administration, accident prevention, and the control of health hazards as related to occupations. Includes a study of current safety and health requirements. Suitable for industrial education teachers and managers in industry.

SFED 438 – Teaching the Use of the Multiple Vehicle Range 1 credit hour
Provides the student with basic and advanced techniques and methods in teaching the use of the multiple vehicle range facility and programs.

SFED 439 – Teaching Simulator Instruction 1 credit hour
Students will analyze curriculum, design instructional materials, and develop techniques for teaching with driver simulators.

SFED 440 – Competency-Based Curriculum in Traffic Safety 3 credit hours
This course will prepare driver education teachers to efficiently teach competency-based driver education courses that follow the guidelines outlined by the Nebraska Department of Education.

SFED 450 – Driver Performance Measurement 3 credit hours
This course teaches principles designed to develop and administer a valid and reliable road test.

SFED 460 – Organization and Administration of Safety Programs 1 credit hour
This course examines the organizational and administrative, theory, structure, and practices of safety programs. Students will evaluate, plan, and develop a safety program.
Corequisite: SFED 461 or SFED 462.

SFED 461 – Supervision of Industrial Safety 2 credit hours
This course examines the supervisory theory, structure, and practices of safety programs in general industry. Students will complete the OSHA 30 hour General Industry certification.
Corequisite: SFED 460.

SFED 462 – Supervision of Construction Safety Programs 2 credit hours
This course examines the organizational and administrative, theory, structure, and practices of safety programs in the construction industry. Students will complete the OSHA 30 hour Construction Industry certification.
Corequisite: SFED 460.
Additional Course Fee Required

SFED 472 – Fire Prevention, Protection and Control 3 credit hours
This is an introductory fire science course. The student will be provided an overview of fire science and loss prevention. This would include the equipment and techniques available to detect and suppress fires, recognition of hazards, and fire countermeasures.

SFED 477 – Accident/Incident Investigation and Analysis 3 credit hours
This course provides the student with knowledge into the accident and incidents investigation methods, procedures, and techniques used for prevention of future problems.

SFED 478 – Behavior Based Safety Systems 3 credit hours
Students in this course will explore the human dynamics of safety operations within the work environment and examine how tasks can be managed to significantly improve safety performance. Human practices are identified which create safety risks and analytical resolutions of those risks are determined.

SFED 496 – Advanced Safety Program in Driver and Traffic Safety Education 1-3 credit hours
Designed to help teachers become better acquainted with the problems and techniques of teaching driver and traffic safety education.
Total Credits Allowed: 3.00

SFED 498 – Special Topics in Safety 3 credit hours
Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.

SFED 499 – Individual Research in Safety 1-3 credit hours
Total Credits Allowed: 3.00
Prerequisite: 9 credit hours of SFED courses or permission

Advanced Occupational Safety Professional

Offered by Department of Industrial Technology (p. 262)

Industrial Technology Certificate Program

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFED 425</td>
<td>Ergonomics</td>
<td>3</td>
</tr>
<tr>
<td>SFED 477</td>
<td>Accident/Incident Investigation and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SFED 478</td>
<td>Behavior Based Safety Systems</td>
<td>3</td>
</tr>
<tr>
<td>SFED 498</td>
<td>Special Topics in Safety</td>
<td>3</td>
</tr>
<tr>
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<td>Total Credit Hours</td>
<td>12</td>
</tr>
</tbody>
</table>

For more information on the Advanced Occupational Safety Professional certificate, please contact the ITEC Certificate Program Coordinator, Dr. Tim Obermier. Email: obermiert@unk.edu Phone: (308) 865-8743

For detailed information, guidelines, and requirements of UNK's Certificate Programs, please visit the Academic Affairs (http://www.unk.edu/academic_affairs/certificate-programs.php) page.

Aviation Systems Management Comprehensive, Bachelor of Science

Offered by Department of Industrial Technology (p. 262)
Flight Operations, Aviation Support Services Emphases

All College of Business and Technology Graduation Requirements (p. 262) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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<tr>
<td></td>
<td><strong>Foundational Core (Written, Math, Oral, Democracy)</strong></td>
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</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
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<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 102 College Algebra</td>
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<tr>
<td></td>
<td><strong>Portal</strong></td>
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</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
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<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
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<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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<tr>
<td></td>
<td>ECON 271 Principles of Economics, Microeconomics</td>
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<tr>
<td></td>
<td><strong>Natural Sciences (p. 464)</strong></td>
<td>8</td>
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<tr>
<td></td>
<td>GEOG 209 Meteorology</td>
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<tr>
<td></td>
<td>PHYS 205 General Physics I</td>
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<td>PHYS 205L Physics I Laboratory</td>
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<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>3</td>
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<tr>
<td></td>
<td>Including:</td>
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<tr>
<td></td>
<td>ITEC 150</td>
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<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
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<tr>
<td></td>
<td><strong>Capstone</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>BS Science-related course requirements</strong></td>
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<tr>
<td></td>
<td>MATH 123 Applied Calculus I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Major Option</strong></td>
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</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>58-63</td>
</tr>
<tr>
<td></td>
<td><strong>Unrestricted electives</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td>4-9</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>112-122</td>
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</tbody>
</table>

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Aviation Systems Management Comprehensive -Technology Core Requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ITEC 110 Introduction to Technology</td>
<td>1</td>
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<tr>
<td></td>
<td>ITEC 120 Interpretation of Technical Documents</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 130 Technology Today</td>
<td>3</td>
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<tr>
<td></td>
<td>ITEC 290 Communicating Through Technology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Aviation Systems Management Comprehensive - Business Core Requirements</strong></td>
<td></td>
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<tr>
<td></td>
<td>ITEC 308 Industrial Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 408 Leadership in Business and Technology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ACCT 250 Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BSAD 295 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ECON 465 Economics of Transportation</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Aviation Systems Management Comprehensive - Aviation Core Requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ITEC 170 Private Pilot Theory</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 391 Aviation Law</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 392 Aviation Airport Management</td>
<td>3</td>
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<tr>
<td></td>
<td>ITEC 393 Aviation Safety</td>
<td>3</td>
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<tr>
<td></td>
<td>ITEC 394 Air Traffic Control</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Aviation Systems Management Comprehensive - Emphasis Area</strong></td>
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<tr>
<td></td>
<td>Select one of the following emphases.</td>
<td>18-23</td>
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<tr>
<td></td>
<td><strong>Flight Operations Emphasis (23 credit hours)</strong></td>
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<tr>
<td></td>
<td>ITEC 171 Introduction to Flight</td>
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<td>ITEC 172 Professional Flight 1</td>
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<td>ITEC 220 Electricity/Electronics</td>
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<td>ITEC 291 Instrument Pilot Theory</td>
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<td>ITEC 292 Professional Flight 2</td>
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<td>ITEC 293 Professional Flight 3</td>
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<td></td>
<td>ITEC 375 Commercial Pilot Theory</td>
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<td>ITEC 376 Professional Flight 4</td>
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<td>ITEC 377 Professional Flight 5</td>
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<tr>
<td></td>
<td>ITEC 416 Advanced Aerodynamics/Aircraft Performance</td>
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<tr>
<td></td>
<td>ITEC 417 Advanced Aircraft Systems</td>
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<tr>
<td></td>
<td><strong>Aviation Support Services Emphasis (18 credit hours)</strong></td>
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<tr>
<td></td>
<td>ACCT 251 Principles of Accounting II</td>
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<td></td>
<td>FIN 308 Principles of Finance</td>
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<td></td>
<td>MGT 355 Organizational Behavior</td>
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<td>MGT 380 Human Resource Management</td>
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<td></td>
<td>MKT 300 Principles of Marketing</td>
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<tr>
<td></td>
<td>MGT 233 Business Statistics</td>
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<tr>
<td></td>
<td>or STAT 241 Elementary Statistics</td>
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<tr>
<td></td>
<td>Total Credit Hours</td>
<td>58-63</td>
</tr>
</tbody>
</table>

Note: All flight training for students admitted to the University of Nebraska at Kearney Aviation Systems Management Program will be conducted in accordance with the UNK Aviation Systems Management Program Student Handbook. This Handbook contains all policies and procedures governing flight training. The Handbook also specifies procedures which must be followed by students who are admitted to UNK with flight certificates and ratings not obtained from an approved college or university.

1 Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed for the major.
Construction Management
Comprehensive, Bachelor of Science

Offered by Department of Industrial Technology (p. 262)

All College of Business and Technology Graduation Requirements (p. 262) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>

**General Studies**

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 12

<table>
<thead>
<tr>
<th>Including:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>MATH 102</td>
<td>College Algebra 1</td>
</tr>
<tr>
<td>ITEC 290</td>
<td>Communicating Through Technology</td>
</tr>
</tbody>
</table>

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

ENG 101 Introduction of Academic Writing 3

If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 2 6

Natural Sciences (p. 464) 7

<table>
<thead>
<tr>
<th>Including:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 103</td>
<td>The Dynamic Planet: Hazards in the Environment</td>
</tr>
</tbody>
</table>

Select one of the following options:

| PHYS 100  | Physical Science |
| & 100L    | and Physical Science Laboratory |

Or

| PHYS 205  | General Physics I |
| & 205L    | and Physics I Laboratory |

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

**Capstone**

Select one course numbered 388 (p. 461) 3

<table>
<thead>
<tr>
<th>BS Science-related course</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
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<td></td>
<td>3</td>
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**Major Option**

Complete all required courses 70

<table>
<thead>
<tr>
<th>Unrestricted electives</th>
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</thead>
<tbody>
<tr>
<td>Needed to reach 120 credit hour minimum</td>
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</tbody>
</table>

Total Credit Hours 120

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

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**Construction Management Minor**

Offered by Department of Industrial Technology (p. 262)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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**Technology Core Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ITEC 110</td>
<td>Introduction to Technology</td>
<td>1</td>
</tr>
<tr>
<td>ITEC 120</td>
<td>Interpretation of Technical Documents</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 130</td>
<td>Technology Today</td>
<td>3</td>
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</table>

**Construction Core Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 116</td>
<td>Introduction to Construction Management</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 205</td>
<td>Virtual Design &amp; Construction</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 212</td>
<td>Construction Estimating I</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 230</td>
<td>Statics and Strength of Materials</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 240</td>
<td>Construction Materials &amp; Methods</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 250</td>
<td>Construction Surveying</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 312</td>
<td>Construction Estimating II</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 341</td>
<td>Mechanical and Electrical Systems</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 360</td>
<td>Building Codes and Inspections</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 370</td>
<td>Construction Scheduling</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 398</td>
<td>Advanced Virtual Design and Construction</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 445</td>
<td>Human Factors &amp; Productivity</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 498</td>
<td>Seminar in Construction Management</td>
<td>3</td>
</tr>
<tr>
<td>SFED 460</td>
<td>Organization and Administration of Safety Programs</td>
<td>1</td>
</tr>
</tbody>
</table>

**Management Core Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 308</td>
<td>Industrial Management</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 408</td>
<td>Leadership in Business and Technology</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 317</td>
<td>Construction Law</td>
<td>3</td>
</tr>
<tr>
<td>FIN 315</td>
<td>Construction Finance &amp; Accounting</td>
<td>3</td>
</tr>
</tbody>
</table>

**Internship Requirement**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 475</td>
<td>Internship</td>
<td>6</td>
</tr>
</tbody>
</table>

Total Credit Hours 70

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed for the major.

2. Recommended: ITEC 210

3. Before registering for the internship, students must have Junior class standing and a 2.5 cumulative GPA in core courses including any emphasis areas required.

Note: Construction Management students must complete a minimum of 200 hours of documented construction experience OR hold an associate of applied science degree in construction or a closely related field prior to registering for ITEC 475 Internship.

---

**Construction Management Minor**

Offered by Department of Industrial Technology (p. 262)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>

**Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 116</td>
<td>Introduction to Construction Management</td>
<td>3</td>
</tr>
</tbody>
</table>
ITEC 120 Interpretation of Technical Documents 3
ITEC 212 Construction Estimating I 3
ITEC 240 Construction Materials & Methods 3
ITEC 370 Construction Scheduling 3

Select 9 credit hours of the following: 9
ITEC 205 Virtual Design & Construction
ITEC 230 Statics and Strength of Materials
ITEC 250 Construction Surveying
ITEC 312 Construction Estimating II
ITEC 341 Mechanical and Electrical Systems
ITEC 360 Building Codes and Inspections
ITEC 398 Advanced Virtual Design and Construction
ITEC 445 Human Factors & Productivity
ITEC 308 Industrial Management
ITEC 408 Leadership in Business and Technology
SFED 460 Organization and Administration of Safety Programs
& SFED 462 and Supervision of Construction Safety Programs
ACCT 317 Construction Law
FIN 315 Construction Finance & Accounting

Total Credit Hours 24

Industrial Distribution Comprehensive, Bachelor of Science

Offered by Department of Industrial Technology (p. 262)

All College of Business and Technology Graduation Requirements (p. 262) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Foundational Core (Written, Math, Oral, Democracy)</strong></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 102 College Algebra</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ITEC 290 Communicating Through Technology</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Portal</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Aesthetics</strong></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Humanities</strong></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>(p. 464)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Social Sciences</strong></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>(p. 465)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Natural Sciences</strong></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>(p. 464)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Including two GS courses from at least two disciplines, to include one lab course: CHEM, GEOG, and/or PHYS only</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Analytical and Quantitative Thought</strong></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Major Option</strong></td>
<td>69</td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>0</td>
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<tr>
<td></td>
<td><strong>Unrestricted electives</strong></td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td>120</td>
</tr>
</tbody>
</table>

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Technology Core Requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ITEC 110 Introduction to Technology</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>ITEC 120 Interpretation of Technical Documents</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 130 Technology Today</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution Core Requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ITEC 114 Introduction to Industrial Distribution</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>ITEC 220 Electricity/Electronics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 271 Industrial Products &amp; Applications I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 272 Industrial Products &amp; Applications II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 283 Fluid Power</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 320 Applied Electronics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 353 Industrial Distribution Branch Operations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 383 Mechanical Power</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 451 Manufacturing/Distribution Relationships</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 453 Purchasing for Wholesale Distribution</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 458 Materials: Structure, Properties, and Processing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 490 Industrial Distribution Seminar</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SFED 435 Occupation Safety/Health</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Industrial Management Core Requirements</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACCT 240 Accounting for Nonbusiness Majors</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 308 Industrial Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITEC 408 Leadership in Business and Technology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT 331 Professional Selling</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Electives (6 hours required)</strong></td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Take 2 from the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FIN 490 Essentials of Financial Accounting &amp; Corporate Finance</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 314 Operations and Supply Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 330 International Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 355 Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 380 Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 400 Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 401 Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 415 Quality Management Concepts &amp; Practice</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT 300 Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MKT 336 Services Marketing</td>
<td>3</td>
</tr>
</tbody>
</table>
MKT 433 Marketing Channels Management
MKT 437 Sales Management

Internship
ITEC 475 Internship 2 6

Total Credit Hours 69

1 Recommended: ITEC 210 Society and Technology
2 Before registering for the internship, students must have Junior class standing and a 2.5 cumulative GPA in core courses including any emphasis areas required.

Industrial Distribution Minor
Offered by Department of Industrial Technology (p. 262)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 110</td>
<td>Introduction to Technology</td>
<td>1</td>
</tr>
<tr>
<td>ITEC 114</td>
<td>Introduction to Industrial Distribution</td>
<td>2</td>
</tr>
<tr>
<td>ITEC 120</td>
<td>Interpretation of Technical Documents</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 271</td>
<td>Industrial Products &amp; Applications I</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 272</td>
<td>Industrial Products &amp; Applications II</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 353</td>
<td>Industrial Distribution Branch Operations</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose 3 courses from the following option: 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 220</td>
<td>Electricity/Electronics</td>
<td></td>
</tr>
<tr>
<td>ITEC 283</td>
<td>Fluid Power</td>
<td></td>
</tr>
<tr>
<td>ITEC 308</td>
<td>Industrial Management</td>
<td></td>
</tr>
<tr>
<td>ITEC 320</td>
<td>Applied Electronics</td>
<td></td>
</tr>
<tr>
<td>ITEC 383</td>
<td>Mechanical Power</td>
<td></td>
</tr>
<tr>
<td>ITEC 453</td>
<td>Purchasing for Wholesale Distribution</td>
<td></td>
</tr>
<tr>
<td>ITEC 458</td>
<td>Materials: Structure, Properties, and Processing</td>
<td></td>
</tr>
<tr>
<td>ACCT 240</td>
<td>Accounting for Nonbusiness Majors</td>
<td></td>
</tr>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td></td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td></td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
<td></td>
</tr>
<tr>
<td>SCM 304</td>
<td>Negotiation Fundamentals, Strategies &amp; Tactics</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 24

Industrial Safety Minor
Offered by Department of Industrial Technology (p. 262)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFED 335</td>
<td>General Safety Education</td>
<td>3</td>
</tr>
<tr>
<td>SFED 425</td>
<td>Ergonomics</td>
<td>3</td>
</tr>
<tr>
<td>SFED 435</td>
<td>Occupation Safety/Health</td>
<td>3</td>
</tr>
<tr>
<td>SFED 460</td>
<td>Organization and Administration of Safety Programs</td>
<td>1</td>
</tr>
<tr>
<td>SFED 477</td>
<td>Accident/Incident Investigation and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SFED 478</td>
<td>Behavior Based Safety Systems</td>
<td>3</td>
</tr>
<tr>
<td>SFED 498</td>
<td>Special Topics in Safety</td>
<td>3</td>
</tr>
</tbody>
</table>

ITEC 308 Industrial Management 3
SFED 461 Supervision of Industrial Safety 2
or SFED 462 Supervision of Construction Safety Programs 2

Total Credit Hours 24

Industrial Technology Applied Science Comprehensive, Bachelor of Science (AAS Transfer Major)
Offered by Department of Industrial Technology (p. 262)

All College of Business and Technology Graduation Requirements (p. 262) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFED 335</td>
<td>General Safety Education</td>
<td>3</td>
</tr>
<tr>
<td>SFED 425</td>
<td>Ergonomics</td>
<td>3</td>
</tr>
<tr>
<td>SFED 435</td>
<td>Occupation Safety/Health</td>
<td>3</td>
</tr>
<tr>
<td>SFED 460</td>
<td>Organization and Administration of Safety Programs</td>
<td>1</td>
</tr>
<tr>
<td>SFED 477</td>
<td>Accident/Incident Investigation and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>SFED 478</td>
<td>Behavior Based Safety Systems</td>
<td>3</td>
</tr>
<tr>
<td>SFED 498</td>
<td>Special Topics in Safety</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 120

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.
Major Option

**Transfer Core**
22 credit hours required from a qualified AAS degree

Approved transfer majors include:
- Advanced Manufacturing Design Technology AAS (Central Community College)
- Drafting and Design Technology AAS (Central Community College)

**Professional Core Requirements**
ITEC 308 Industrial Management 3
ITEC 408 Leadership in Business and Technology 3
SFED 425 Ergonomics 3
SFED 435 Occupation Safety/Health 3
SFED 460 Organization and Administration of Safety Programs 1
SFED 478 Behavior Based Safety Systems 3
SFED 461 Supervision of Industrial Safety 2
or SFED 462 Supervision of Construction Safety Programs

Select 2 of the following: 6
- MGT 314 Operations and Supply Management
- MGT 330 International Management
- MGT 355 Organizational Behavior
- MGT 400 Entrepreneurship
- MGT 415 Quality Management Concepts & Practice
- MKT 300 Principles of Marketing

**Tailored Option**
Select 16 credit hours of 300/400 level courses approved by the Department Chair following consultation between the student and the academic advisor.

Total Credit Hours 62

Industrial Technology Minor

Offered by Department of Industrial Technology

**Technology Core Requirements**
ITEC 120 Interpretation of Technical Documents 3
ITEC 130 Technology Today 3
ITEC 290 Communicating Through Technology 3
ITEC 308 Industrial Management 3

**Systems Core Requirements**
Select one emphasis area: 12-14

- **Construction Management**
  - ITEC 212 Construction Estimating I
  - ITEC 230 Statics and Strength of Materials
  - ITEC 240 Construction Materials & Methods

Industrial Technology, Bachelor of Science

Offered by Department of Industrial Technology

All College of Business and Technology Graduation Requirements must be fulfilled.

**General Studies**

**Foundational Core (Written, Math, Oral, Democracy)**
Foundational Core courses (p. 460) 12
Including:
- MATH 102 College Algebra

**Portal**
Select one course numbered 188 (p. 465) 3

**Distribution**
ENG 101 Introduction of Academic Writing 3
If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 2 6
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

**Capstone**
Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**
MATH 103 Plane Trigonometry 3
or MATH 123  Applied Calculus I

**Major Option**

Complete all required courses 34

**Minor or 2nd Major**

Complete all required courses 3 24

**Unrestricted electives**

Needed to reach 120 credit hour minimum 14

**Total Credit Hours** 120

Students must earn a minimum 2.5 cumulative GPA in the core courses, including any emphasis areas required.

**Major Option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Industrial Technology Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>ITEC 110</td>
<td>Introduction to Technology</td>
<td>1</td>
</tr>
<tr>
<td>ITEC 120</td>
<td>Interpretation of Technical Documents</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 130</td>
<td>Technology Today</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 308</td>
<td>Industrial Management</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 408</td>
<td>Leadership in Business and Technology</td>
<td>3</td>
</tr>
<tr>
<td>SFED 435</td>
<td>Occupation Safety/Health</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Technology Core Requirements</strong></td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Select 18 credit hours of the following:</td>
<td></td>
</tr>
<tr>
<td>ITEC 150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ITEC 205</td>
<td>Virtual Design &amp; Construction</td>
<td></td>
</tr>
<tr>
<td>ITEC 220</td>
<td>Electricity/Electronics</td>
<td></td>
</tr>
<tr>
<td>ITEC 230</td>
<td>Statics and Strength of Materials</td>
<td></td>
</tr>
<tr>
<td>ITEC 240</td>
<td>Construction Materials &amp; Methods</td>
<td></td>
</tr>
<tr>
<td>ITEC 251</td>
<td>Machine Tool Products and Applications</td>
<td></td>
</tr>
<tr>
<td>ITEC 271</td>
<td>Industrial Products &amp; Applications I</td>
<td></td>
</tr>
<tr>
<td>ITEC 272</td>
<td>Industrial Products &amp; Applications II</td>
<td></td>
</tr>
<tr>
<td>ITEC 290</td>
<td>Communicating Through Technology</td>
<td></td>
</tr>
<tr>
<td>ITEC 341</td>
<td>Mechanical and Electrical Systems</td>
<td></td>
</tr>
<tr>
<td>ITEC 360</td>
<td>Building Codes and Inspections</td>
<td></td>
</tr>
<tr>
<td>ITEC 451</td>
<td>Manufacturing/Distribution Relationships</td>
<td></td>
</tr>
<tr>
<td>ITEC 453</td>
<td>Purchasing for Wholesale Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td>34</td>
</tr>
</tbody>
</table>

1 Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed for the major.

2 Recommended: ITEC 210

3 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

**Interior and Product Design Comprehensive, Bachelor of Science**

Offered by Department of Industrial Technology (p. 262)

All College of Business and Technology Graduation Requirements (p. 262) must be fulfilled.
The Interior and Product Design Program is accredited by the Council for Interior Design Accreditation. Completion of this program plus two years qualified verifiable employment qualifies students to sit for the National Council of Interior Design Qualification Examination.

Occupational Safety Professional

Offered by Department of Industrial Technology (p. 262)

Industrial Technology Certificate Program

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEC 308</td>
<td>Industrial Management</td>
<td>3</td>
</tr>
<tr>
<td>SFED 335</td>
<td>General Safety Education</td>
<td>3</td>
</tr>
<tr>
<td>SFED 435</td>
<td>Organization Safety Program</td>
<td>3</td>
</tr>
<tr>
<td>SFED 460</td>
<td>Supervision of Industrial Safety Programs</td>
<td>1</td>
</tr>
<tr>
<td>SFED 461</td>
<td>Supervision of Construction Safety Programs</td>
<td>2</td>
</tr>
<tr>
<td>SFED 299</td>
<td>Independent Studies in Safety</td>
<td>2</td>
</tr>
<tr>
<td>SFED 420</td>
<td>Teaching Safety in Elementary Schools</td>
<td>2</td>
</tr>
<tr>
<td>SFED 425</td>
<td>Ergonomics</td>
<td>2</td>
</tr>
<tr>
<td>SFED 499</td>
<td>Individual Research in Safety</td>
<td>2</td>
</tr>
<tr>
<td>ITEC 499</td>
<td>Independent Study and Research in</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credit Hours  12

For more information on the Occupational Safety Professional certificate, please contact the ITEC Certificate Program Administrator, Dr. Tim Obermier. Email: obermiert@unk.edu Phone: (308) 865-8743

For detailed information, guidelines, and requirements of UNK’s Certificate Programs, please visit the Academic Affairs (http://www.unk.edu/academic_affairs/certificate-programs.php) page.

Safety Education Minor

Offered by Department of Industrial Technology (p. 262)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFED 310</td>
<td>Driving Task Analysis</td>
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</tr>
<tr>
<td>SFED 430</td>
<td>Developing Driver Education Classroom Skills</td>
<td>3</td>
</tr>
<tr>
<td>SFED 431</td>
<td>Developing Driver Education Vehicle Skills</td>
<td>3</td>
</tr>
<tr>
<td>SFED 435</td>
<td>Occupation Safety/Health</td>
<td>3</td>
</tr>
<tr>
<td>SFED 438</td>
<td>Teaching the Use of the Multiple Vehicle Range</td>
<td>1</td>
</tr>
<tr>
<td>SFED 439</td>
<td>Teaching Simulator Instruction</td>
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</tr>
</tbody>
</table>

Total Credit Hours  9

1 Must be completed with a cumulative GPA of at least 2.5

Supplemental Endorsement in Driver Education

Offered by Department of Industrial Technology (p. 262)

Students must complete one Teaching Subject Endorsement or one Field Endorsement in addition to this Supplemental Endorsement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFED 301</td>
<td>Driving Task Analysis</td>
<td>3</td>
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<tr>
<td>SFED 432</td>
<td>Developing Driver Education Classroom Skills</td>
<td>3</td>
</tr>
<tr>
<td>SFED 433</td>
<td>Developing Driver Education Vehicle Skills</td>
<td>3</td>
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</tbody>
</table>

Total Credit Hours  9

1 Must be completed with a cumulative GPA of at least 2.5

Department of Kinesiology and Sport Sciences

Department Objectives

- Enable students to develop sports skills which they may use for many years in enrichment of their leisure hours;
- Offer students recreational and fitness opportunities;
- Emphasize the importance of lifelong appreciation for fitness and healthful living;
- Provide schools with coaches, physical education teachers, athletic trainers and health education teachers who possess highly developed technical skills, the zeal for educational betterment and personal and cultural qualities which will make them respected citizens of communities in which they teach;
Exercise Science and Exercise Science Comprehensive Bachelor of Science Degrees

Application and Acceptance Requirements

Students pursuing a degree in the Exercise Science field must submit an official application for acceptance into the program. Applications must be submitted prior to taking PE 461 Physiology of Exercise. Students must successfully complete PE 150, ENG 102, FAMS 110 and have completed, or be enrolled in, PE 310 or BIOL 226 to apply. Requirements for consideration of acceptance into the program include:

• a grade of C or better in PE 310 Introduction to Human Physiology of Exercise or a grade of C or better in BIOL 226 Anatomy and Physiology,
• a cumulative GPA of 2.75 or better, and
• a written letter of application including a statement of goals and aspirations.

Meeting the above criteria will not guarantee entrance into the program.

Applications may be submitted by November 12 or April 12 during the semester the student is enrolled in PE 310 or BIOL 226 (if all other courses have been completed). Please visit the KSS website (http://www.unk.edu/academics/hperls/es_requirements.php) for application requirements.

Faculty will decide on student acceptance by December 15 for spring semester, May 15 for summer and August 15 for fall semester. Students who are not accepted into the program will be required to withdraw from courses in the Exercise Science program and will be notified by e-mail. Students not accepted into the program may re-apply during a subsequent semester and request a personal interview with the core faculty.

Progression in the Exercise Science program is dependent upon earning a grade of C or better in the prerequisite class (e.g. a student earning a C- [or lower] in PE 461 would not be able to progress in the sequence).

Athletic Training Education Program

Application and Acceptance Requirements

Students wishing to pursue the 3+2 pathway for the Master of Athletic Training Program will need to choose an undergraduate major and declare the Minor in the Athletic Training Foundations (p. 284). During third undergraduate year of coursework or when prerequisite coursework has been completed, students must submit an official application for acceptance into the Master of Athletic Training (http://catalog.unk.edu/graduate/departments/kinesiology-sport-sciences/athletic-training-mat) (MAT) program. Requirements for consideration of an application and qualification for being granted an interview are provided in the Graduate Catalog and on the Athletic Training Education web page under the Academic Program Manual link.

Physical Education Major

Five options are available in this major:

1. Physical Education Comprehensive (p. 288) - Bachelor of Science Degree
2. Physical Education PK-6 Teaching Subject Endorsement (p. 289) - Bachelor of Arts in Education Degree
3. Physical Education 7-12 Teaching Subject Endorsement (p. 288) - Bachelor of Arts in Education Degree
4. Health Education 7-12 Teaching Subject Endorsement (p. 287) - Bachelor of Arts in Education Degree
5. Health and Physical Education PK-12 Teaching Field Endorsement (p. 286) - Bachelor of Arts in Education Degree

A minor in Physical Education (p. 289) is available for students pursuing majors in other disciplines.

Supplemental Endorsements are offered in Adapted Physical Education (p. 293) and Interscholastic Coaching (7-12) (p. 293).

Students who complete one Teaching Subject Endorsement or one Teaching Field Endorsement may complete one or more Supplemental Endorsements.

Exercise Science Major

Two options are available in this major:

1. Exercise Science (p. 285) - Bachelor of Science Degree
2. Exercise Science Comprehensive (p. 285) - Bachelor of Science Degree

Recreation and Park Management Major

Two options are available in this major:

1. Recreation Management (p. 290) - Bachelor of Science Degree
2. Recreation, Outdoor and Event Management Comprehensive (p. 290) - Bachelor of Science Degree
   • Recreation Management Emphasis (p. 290)
   • Event Management (p. 290)
   • Natural Resource Management Emphasis (p. 290)
   • Outdoor Pursuits Emphasis (p. 290)

A minor in Recreation and Park Management (p. 289) or Event Management (p. 293) is available for students pursuing majors in other disciplines.

Sports Management Major

Two options are available in this major:

1. Sports Management Major (p. 292) - Bachelor of Science Degree
2. Sports Management Comprehensive (p. 291) - Bachelor of Science Degree

Sports Management (p. 292), or Coaching (p. 284) is available for students pursuing majors in other disciplines.

Athletic Training Foundations Minor

A minor in Athletic Training Foundations is available for students pursuing the 3+2 option for Masters of Athletic Training (http://catalog.unk.edu/graduate/departments/kinesiology-sport-sciences/athletic-training-mat) degree. Please contact the Athletic Training faculty or graduate chair for more information.
Note – the Minor in Athletic Training Foundations will not qualify a graduate to challenge the Board of Certification (BOC) examination and should only be taken as part of the 3+2 plan to enter the MAT.

Nita Unruh (http://aaunk.unk.edu/catalogs/current/fac/facultyu.asp#unruhni), Chair

Professor: Nita Arellano-Unruh, Todd Bartee, Gregory Brown, Kate Heelan, Scott Unruh

Associate Professor: Bryce Abbey, Megan Adkins, Matthew Bice

Assistant Professor: Kazuma Akehi, Thomas Kropp, Joshua Underwood

Senior Lecturer: James Hoffman, Terese Sheridan

Lecturer: Damon Day, Robert Leonard, Patricia Philippi

Physical Education (PE)

PE 100 – Principles of Physical Education 2 credit hours
Introductory course for students interested in careers in health, physical education, athletic training or coaching.

PE 107 – Introduction to Exercise Science 1 credit hour
This course is designed to introduce students to the field of Exercise Science as an area of academic study and as a professional career. Students majoring in Exercise Science should take this course in their first year.

PE 109 – Activity Class 1 credit hour
Any full semester course or any combination of two eight-week courses below may be elected for one credit. Aerobic Dancing, Archery, Badminton, Ballroom Dancing, Basketball, Bowling, Cross Country Skiing, Diving, Golf, Gymnastics, Jogging, Orienteering, Personal Defense, Pickleball, Pocket Billiards, Racquetball, Skiing, Soccer, Softball, Swimming, Tennis, Track, Tumbling, Volleyball, Wrestling, Yoga for Exercise.

Total Credits Allowed: 18.00

PE 110 – Basic Sports Activities 0.5-1 credit hours
Any full semester course or any combination of two eight-week courses below may be elected for one credit. Aerobic Dancing, Archery, Badminton, Ballroom Dancing, Basketball, Bowling, Cross Country Skiing, Diving, Golf, Gymnastics, Jogging, Orienteering, Personal Defense, Pickleball, Pocket Billiards, Racquetball, Skiing, Soccer, Softball, Swimming, Tennis, Track, Tumbling, Volleyball, Wrestling, Yoga for Exercise.

Total Credits Allowed: 18.00

PE 111 – Intercollegiate Sports 1 credit hour
Participation as a member of one of UNK’s varsity sports teams.
Total Credits Allowed: 18.00

PE 112 – Conditioning and Weight Training 1 credit hour
Sports specific activities for physical conditioning.
Total Credits Allowed: 10.00

PE 121 – Sports Skills for Physical Education 2 credit hours
Understanding, analysis and performance of team, racquet and lifetime sports.

PE 122 – Sports Skills for Life and Leisure 2 credit hours
The focus of this course is the understanding, performance and delivery of lifetime outdoor and team building activities. The course content is designed for individuals pursuing a career in either Physical Education or Recreation.

PE 150 – Healthy Wealthy and Wise 3 credit hours
This course focuses on increasing student’s understanding of the relevance of the social, economic, and environmental conditions that affect their decisions to take personal responsibility for their health. Throughout this course, students will be asked to reflect on their own health behavior, the factors that influence their behavior and development of strategies to articulate and modify behavior and improve their overall health and well-being.

PE 161 – Adapted Activities 1 credit hour
Individually prescribed activities arranged in consultation with UNK physician and/or student’s personal physician.

PE 173A – Intro to Athletic Trng 2 credit hours

PE 173B – Modalities in Athlet Trng 2 credit hours

PE 173C – Rehabilitation Tech 2 credit hours

PE 173D – Adv Top: Athletic Trng 2 credit hours

PE 174A – Athletic Training Clinical Level One A 2 credit hours
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.

Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 264 and PE 265 and PE 310

Additional Course Fee Required

PE 174B – Athletic Training Clinical Level One B 2 credit hours
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.

Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 174A and PE 264 and PE 265 and PE 310

Additional Course Fee Required

PE 174C – Athletic Training Clinical Level Two A 4 credit hours
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.

Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 174A and PE 174B

Additional Course Fee Required
Additional Course Fee Required

**PE 174D – Athletic Training Clinical Level Two B**  
3 credit hours  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.  
Prerequisite: Formal acceptance into the Athletic Training Education Program and PE 174A and PE 174B

Additional Course Fee Required

**PE 174E – Athletic Training Clinical Level Three A**  
1 credit hour  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.  
Prerequisite: PE 174D

Additional Course Fee Required

**PE 174F – Athletic Training Clinical Level Three B**  
1 credit hour  
Directs students through the clinical competencies designated for the clinical level in which they are assigned. Students will be responsible for achieving demonstration of competency in a specified number of psychomotor, cognitive, and affective activities. Many of the topics addressed will be expanded in the field experience portion of the clinical education aspect of the degree program.  
Prerequisite: PE 174E

Additional Course Fee Required

**PE 188 – GS Portal**  
3 credit hours  
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.  
Prerequisite: First year freshman standing or sophomore standing only.

Total Credits Allowed: 6.00

**PE 200 – Teaching Sport Skills and Non-Rhythmic Activities**  
2-3 credit hours  
The course will provide pre-service K-12 physical education teachers with theoretical knowledge and opportunities to apply content knowledge in the development of sport and non-rhythmic activities and lessons.  
Prerequisite: PE 100 and PE 121

**PE 210 – Scuba**  
2 credit hours  
Background, principles and techniques of scuba diving. Certification may be awarded at the discretion of instructor. A special fee will be assessed for the course.

**PE 211 – Advanced Sports**  
1 credit hour  
Advanced instruction in Baseball, Life Guarding, Basketball, Football, Track.  
Prerequisite: PE 100 and PE 121

Additional Course Fee Required

**PE 220 – Teaching Aerobic and Anaerobic Activities**  
1-2 credit hours  
Basic teaching techniques for a variety of activities which should be included in a secondary school physical education program or in a fitness management program.  
Prerequisite: PE 174D

Total Credits Allowed: 2.00

**PE 221 – Teaching Sport and Leisure Activities**  
2 credit hours  
Basic teaching techniques for individual, dual, team, and racquet sports and rhythmic activities; these would include recreational activities for leisure and lifetime.

**PE 226 – Elementary School Health Teaching**  
1 credit hour  
Methods of teaching elementary school health.  
Prerequisite: PE 160 or PE 150

Total Credits Allowed: 16.00

**PE 240 – Non-Rhythmic Activities for Elementary Schools**  
2 credit hours  
Techniques of teaching perceptual-motor activities, fundamental movement skills, sports skills, low-organized and lead-up games, self-testing activities, story plays and mimetics.

**PE 241 – Rhythmic Activities for Physical Education Teachers**  
2 credit hours  
Techniques of teaching fundamental rhythms, creative dance, singing games, rhythm band, square and folk dance, social mixers and ballroom dance.

**PE 247 – Nutrition, Health and Safety for Young Children**  
1 credit hour  
This course is designed to provide students with a comprehensive understanding of the nutrition, health, and safety needs of young children from birth to eight years of age. This course will prepare students to address the well-being of diverse young children and their families in a variety of early childhood settings, including family childcare, childcare centers, preschools, and early elementary school settings.

**PE 260 – First Aid: Responding to Emergencies**  
2 credit hours  
American Red Cross First Aid and Personal Safety. American Red Cross certificate may be earned.  
Prerequisite: Completion of prerequisite course, PE 271

Additional Course Fee Required

**PE 261 – CPR/AED for the Professional Rescuer Instructor**  
2 credit hours  
Successful completion of course may qualify candidate to receive the American Red Cross Standard First Aid and Personal Safety, Instructor Authorization.  
Prerequisite: PE 261

Additional Course Fee Required

**PE 262 – CPR/AED for the Professional Rescuer**  
1 credit hour  
American Red Cross CPR and emergency techniques are taught.  
Prerequisite: PE 261

Additional Course Fee Required

**PE 264 – Foundation of Athletic Training**  
2-4 credit hours  
American Red Cross designed course providing methods of providing emergency first aid care and injury prevention techniques. Geared mainly to sports and fitness populations.  
Prerequisite: Successful completion of prerequisite course, PE 271

Total Credits Allowed: 4.00

**PE 264L – Foundation of Athletic Training Lab**  
0 credit hours  
Take concurrently with PE 264.  
Corequisite: PE 264.
PE 265 – Emergency Medical Response 2 credit hours
This course is designed to offer students information and skills that will prepare them for providing basic first aid and life support to individuals suffering from illness or injury. Successful completion of each aspect of the course will qualify each student to be certified by the American Red Cross in Automated External Defibrillator, Professional Rescuer CPR for the Child, Infant and Adult, Oxygen Administration, and Preventing Disease Transmission.
Additional Course Fee Required

PE 270 – Laboratory Experience in Intramurals 1-3 credit hours
Students will be assigned to officiate in the intramural program.
Department Consent Required
Total Credits Allowed: 3.00

PE 280 – Introduction to Sport Management 2 credit hours
This course is designed to give students an understanding and background in the various facets of the sport industry. Students will learn the relevance of sociological, cultural, historical, political, psychological, and legal concepts to the management of sport. This course will provide an overview of sport management by presenting extensive discussions of the foundational aspects of the profession and current topics from the field.

PE 305 – Fitness Leadership 2-3 credit hours
This course will prepare students to become leaders in the fitness industry while obtaining skills necessary to become certified as a personal trainer or group exercise instructor.
Prerequisite: PE 150

PE 310 – Introduction to Human Physiology of Exercise 3 credit hours
Provides a foundation of scientific basis for understanding the body’s anatomical structures and physiologic responses to acute exercise, as well as its adaptations to chronic exercise. Prior coursework in chemistry is recommended, but fundamentals in these areas will be reviewed when necessary. Lecture and lab format.
Additional Course Fee Required

PE 325 – Motor Learning and Development 3 credit hours
Course will address changes in motor behavior over life span with emphasis on childhood through adolescence. Learning of motor skills addressed with particular emphasis on factors of instruction that can be manipulated to ensure acquisition of motor skills.

PE 328 – Water Safety Instructor 3 credit hours
Preparation in management and maintenance of swimming pools and methods of swim instruction. Red Cross Water Safety Instructor Certificate may be awarded at the discretion of instructor.
Additional Course Fee Required

PE 329 – Introduction to Health Promotions 3 credit hours
Concepts of wellness/fitness with emphasis on stress management, smoking cessation, medical self-care, fitness programming for all ages.

PE 330 – Volleyball Theory 2 credit hours
Individual and team play for prospective coaches.

PE 331 – Football Theory 3 credit hours
Offenses and defenses for a high school team. Administration of a complete season of practices and games.

PE 333 – Basketball Theory 3 credit hours
Individual and team play for prospective coaches.

PE 334 – Track Theory 3 credit hours
Techniques, form and training schedules for track and field events, including administration of track meets.

PE 337 – Baseball/Softball Theory 3 credit hours
Skills, strategies, and problems of coaching a high school team.

PE 340 – Non-Rhythmic Physical Education 1 credit hour
Techniques of teaching: Fundamental movement skills, sport skills, low organized games, physical fitness, rope jumping, creative movement.

PE 350 – Therapeutic Modalities in Athletic Training 3 credit hours
Training in the practice and use of a variety of therapeutic modalities in the treatment of athletic injuries will be presented. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.
Prerequisite: PE 174A and PE 405

PE 350L – Modalities in Athletic Training Laboratory 0 credit hours
Take concurrently with PE 350.
Corequisite: PE 350

PE 360 – Introduction to Anatomical Biomechanics 4 credit hours
Structure and function of the human skeleton, muscles and joints, analysis of human movement as applied to sports and physical education.
Prerequisite: PE 310 or BIOL 215 or BIOL 225 or permission of instructor
Additional Course Fee Required

PE 361 – Integrating Movement and Dance 1 credit hour
This course is about the integration of movement and dance across the pre-school through grade six curriculum.

PE 369 – Remedial and Adaptive Physical Education 2-3 credit hours
Study of physical, mental and emotional impairments which limit human performance. Treatment of injuries and disabilities through remedial exercises. Prior completion of PE 360 is recommended.
Total Credits Allowed: 3.00

PE 370 – Administration of Intramurals 1-3 credit hours
Student will perform administrative responsibility for the intramural program.
Department Consent Required
Total Credits Allowed: 3.00

PE 373 – Field Experience in Secondary School Physical Education 2 credit hours
Student will be assigned as an assistant teacher or coach in an area secondary school. (Credit/No Credit.)
Department Consent Required

PE 374 – Field Experience in University Physical Education 1-3 credit hours
Student will be assigned to assist a UNK instructor with a physical education activity.
Department Consent Required
Total Credits Allowed: 3.00

PE 375 – Rehabilitation Techniques in Athletic Training 4 credit hours
An examination of the basic components of a comprehensive rehabilitation and reconditioning program. Subjects to be covered include: determining therapeutic goals and objectives, methods of evaluating and recording rehabilitation progress, creation and implementation of therapeutic exercise protocol for common athletic injuries and the development of criteria for progression and return to competition.
Prerequisite: PE 174A and PE 174B and PE 405 and PE 406 and PE 264 and PE 350
Prerequisite: PE 405

etiological factors. Injuries/conditions will be investigated as well as common contributing symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing factors to clinically evaluate athletic injuries/conditions of the head, spine and lower extremity, for the purpose of determining the type and severity so that appropriate injury management and referral may occur. Typical symptoms and common clinical signs associated with athletic injuries/conditions will be investigated as well as common contributing etiological factors.

Prerequisite: PE 405
Additional Course Fee Required
Prerequisite: PE 360 or BIOL 225 and BIOL 226

PE 460 – Gross Anatomy of Movement  3 credit hours
Designed for in-depth understanding of anatomy as it relates to movement or work. Student will utilize and assist in dissection of human cadavers.
Prerequisite: PE 360 or BIOL 225 and BIOL 226
Additional Course Fee Required

PE 461 – Physiology of Exercise  4 credit hours
Physiological processes of body as pertain to physical activity. How trained and untrained individuals differ, and importance of training.
Department Consent Required
Prerequisite: Grade of "C" or above in PE 310 or BIOL 215 or BIOL 226 and by permission only
Additional Course Fee Required

PE 463 – Health Safety Elem School  3 credit hours
Curriculum development, teaching methods and selection of learning materials for health instruction in the elementary school.
Prerequisite: PE 160 or PE 150

PE 464 – School Health Methods  3 credit hours
This course provides the background information and skills teachers need to implement a comprehensive school health curriculum at the elementary and/or the secondary school level. The course includes information on the six categories of risk behavior, identified by the Centers for Disease Control and Prevention. The course examines educational reform focusing on improving the health of today's youth.
Prerequisite: PE 160 or PE 150

PE 466 – Public Health Aspects of Physical Activity  3 credit hours
Trends and situations in sport, fitness and wellness settings with practical applications from exercise physiology.
Department Consent Required
Prerequisite: A grade of "C" or above in PE 329 and PE 467 or permission of the instructor

PE 469 – Sports Nutrition  3 credit hours
Metabolism and metabolic regulation, the influence of dietary practices on human performance.
Prerequisite: Grade of C or above in PE 461 and FAMS 110 or permission of instructor
Additional Course Fee Required

PE 470 – General Medical Conditions and Pharmacological Application in Sport and Exercise  2 credit hours
This course will offer students an opportunity to learn about pathological factors that are involved in general medical conditions that affect athletes and performance. Use of prescription and over-the-counter medications by the sports medicine professionals in treating a wide variety of conditions will also be presented. This course is intended to build upon a sound knowledge of exercise physiology and injury/illness conditions.
Prerequisite: PE 461 and PE 467

PE 471 – Field Experience in Health & Physical Education  2 credit hours
Supervised practical experiences in elementary school physical education.
Prerequisite: PE 420 or PE 441 or PE 464.
Corequisite: TE 319.
PE 471A – Field Experience in Elementary Physical Education  2 credit hours
Supervised practical experiences in elementary school physical education.
Prerequisite: PE 441 and Admission to Teacher Education Program or instructor permission

PE 471B – Field Experience in Middle School and Secondary PE  2 credit hours
Supervised practical experiences in middle and high school physical education.
Prerequisite: PE 428 and Admission to Teacher Education Program or instructor permission

PE 471C – Field Experiences in 7-12 Health  2 credit hours
Supervised practical experiences in middle and high school health classes.
Prerequisite: PE 464 and Admission to Teacher Education Program or instructor permission

PE 473 – Special Topics in Exercise Nutrition  3 credit hours
The format of this course will vary depending on the topic and instructor, yet all courses will focus on the role of nutrition in health, wellness, or sports performance. (This course is repeatable for credit when a different topic is covered)
Total Credits Allowed: 6.00
Prerequisite: FAMS 110 and a grade of "C" or above in PE 461 or permission of instructor

PE 475 – Research Methods in Exercise Science  3 credit hours
This course is designed to introduce advanced undergraduate students to the processes of research in the field of Exercise Science including the processes of finding, reading and understanding Exercise Science research, data collection; data analysis; and data interpretation.
Prerequisite: STAT 241 and a grade of "C" or above in PE 467

PE 476 – Seminar and Practicum in Adapted Phys Ed  3 credit hours
Culminating course in adapted physical education program providing program delivery methods and practicum experiences.

PE 488 – Senior Seminar in Health & Physical Education  1 credit hour
Designed to provide the students in their final completion of the degree Option in Health and Physical Education with a review of all program studies to prepare for the PRAXIS II examination. Specific assigned readings and projects will be conducted in order to reach a level of pre-test readiness.
Department Consent Required
Prerequisite: Senior status and permission of instructor

PE 496 – Professional Readiness in Exercise Science  1 credit hour
This course will focus on the evaluation of community programming while determining the student's preparedness to enter the field.
Prerequisite: Senior standing

PE 498 – Special Topics  1-3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor, and the needs of the student.
Total Credits Allowed: 6.00

PE 499 – Senior Seminar in Athletic Training  1 credit hour
Designed to provide the students in their final completion of the degree Option in Athletic Training with a review of all program studies to prepare for the NATABOC certification examination. Specific assigned readings and projects will be conducted in order to reach a level of pre-test readiness.
Prerequisite: PE 174E and PE 375

Recruitment (REC)

REC 150 – Foundations of Recreation, Park and Leisure  3 credit hours
Introductory course for persons interested in majoring in a leisure profession.

REC 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Prerequisite: First year freshman standing or sophomore standing only.

REC 215 – Introduction to Outdoor Recreation  3 credit hours
This course is designed to introduce students to the field of outdoor recreation. Organized camping, outdoor recreation skills and activities, and current environmental issues will be topics of this class.
Total Credits Allowed: 5.00

REC 246 – Wilderness First Aid  1 credit hour
This course is designed to offer the student information and skills that will prepare them for providing basic first aid and life support to individuals suffering from illness or injury. The course content provides the background knowledge a Professional Rescuer needs to act as an essential link in the EMS system in situations where access to immediate emergency medical response is not available. Class activities will challenge participants to think critically about making appropriate decisions regarding the type of care to provide in a medical emergency, analyze the basis of normal protocol of care, demonstrate application of their acquired skills and investigate consequential clinical outcomes in the emergency care setting.
Prerequisite: PE 265 (certifications in CPR and AED)

REC 300 – Volunteer Practicum  1-4 credit hours
Students will be assigned to a community, hospital, agency fitness, athletic recreation, or tourism site. Credit/no credit.
Total Credits Allowed: 4.00

REC 301 – Volunteer Practicum in Coaching  2 credit hours
Students will be assigned to a coach or athletic department site to get experience in coaching.
Total Credits Allowed: 4.00

REC 302 – Volunteer Practicum Exercise Science  1-4 credit hours
Students will be assigned to a community, hospital, agency fitness, athletic, recreation, or tourism site. Credit/no credit.
Total Credits Allowed: 4.00
Prerequisite: Grade of "C" or above in PE 305 and PE 310

REC 321 – Campus Recreation Management  3 credit hours
The purpose of this course is to prepare students for entry level positions and long term careers in campus recreation. It covers managing employees, programs, facilities and services in the field and will guide students through such topics as budgeting, marketing, program assessment, and risk management.

REC 352 – Outdoor Adventure Education  3 credit hours
Rationale and dynamics of interacting with the environment through leisure activities.
Athletic Training Foundations Minor

Offered by Department of Kinesiology and Sport Sciences (http://catalog.unk.edu/undergraduate/departments-programs/kinesiology-sport-sciences)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PE 264</td>
<td>Foundation of Athletic Training</td>
<td>4</td>
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<tr>
<td>PE 265</td>
<td>Emergency Medical Response</td>
<td>2</td>
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<tr>
<td>PE 310</td>
<td>Introduction to Human Physiology of Exercise</td>
<td>3</td>
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<tr>
<td>PE 401</td>
<td>Psychology of Sport</td>
<td>3</td>
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<tr>
<td>PE 405</td>
<td>Athletic Injury Assessment I: Lower Extremities</td>
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<td>PE 406</td>
<td>Athletic Injury Assessment II: Upper Extremities</td>
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<td>PE 425</td>
<td>Legal Aspects of Sport and Recreation</td>
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<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
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</table>

Total Credit Hours 24

Note – the Minor in Athletic Training Foundations will not qualify a graduate to challenge the Board of Certification (BOC) examination to become a certified athletic trainer. Certification is only available at the graduate level and this minor can be taken as part of a 3+2 plan to complete a Master of Athletic Training degree.

Coaching Minor

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>PE 264</td>
<td>Foundation of Athletic Training</td>
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<tr>
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<td>PE 360</td>
<td>Introduction to Anatomical Biomechanics</td>
<td>4</td>
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<tr>
<td>PE 401</td>
<td>Psychology of Sport</td>
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<tr>
<td>PE 421</td>
<td>Administration of High School Athletics</td>
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<td>PE 422</td>
<td>Essentials of Strength and Conditioning</td>
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<td>REC 301</td>
<td>Volunteer Practicum in Coaching</td>
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<td>Water Safety Instructor</td>
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<td>PE 330</td>
<td>Volleyball Theory</td>
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<td>PE 331</td>
<td>Football Theory</td>
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<td>PE 333</td>
<td>Basketball Theory</td>
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<td>PE 334</td>
<td>Track Theory</td>
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<td>PE 337</td>
<td>Baseball/Softball Theory</td>
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</table>

Total Credit Hours 23-24

RE C 354 – Programming in Sport, Recreation, and Events 3 credit hours
Basic theoretical and practical competencies required to become a successful programmer for sport, recreation and event services.

RE C 356 – Special Topics 3 credit hours
Advanced, in-depth studies of various segments of Recreation and Events. Topics designed to prepare students with specific professional skills important to event and leisure industries. May lead to professional certifications.

Total Credits Allowed: 24.00

RE C 375 – Leadership in Recreation, Sport and Events 3 credit hours
Theories and practices of program leadership in the recreation, sport and events field, emphasizing leadership styles and techniques, self-awareness, human relations, communications, group processes and group dynamics, problem solving and decision making.

RE C 422 – Facilities in Recreation, Events and Sport 3 credit hours
With new arenas, stadium, health clubs, convention centers and other facilities popping up and various events from local to international scale held all over the nation, there exists a significant need for properly trained sport facility and event managers. This Facilities in Recreation, Events and Sport course is designed to provide future sport facility and event managers with theoretical and practical knowledge in green facility planning, construction, operation, maintenance, and numerous issues confronting sport industry professionals and organizations today. Also covered will be topics related to the event management side of the industry, with special attention paid to event planning, marketing, operation, activation, and sponsorship.

RE C 444 – Issues in Recreation and Leisure 3 credit hours
Basic concepts in the field of leisure and leisure services, contemporary social and philosophical issues, broad historical and cultural contexts. Discussion of the issues and dilemmas that leisure provides from many perspectives.

RE C 453 – Therapeutic Recreation for Special Populations 3 credit hours
Principles of leisure education practices for special populations.

RE C 454 – Community Assessment and Planning 3 credit hours
This course is designed to prepare recreation and park majors in the area of community and program assessment and evaluations. Topics will include research and evaluation methodology, terminology and application, community facilities, programs and infrastructure.

RE C 458 – Recreation for the Aged 3 credit hours
Characteristics and needs, development of recreational programs and legislation for senior citizens.

RE C 477 – Internship 1-12 credit hours
Student will be assigned full-time with private, industrial or governmental fitness and/or leisure programs or in a tourist industry site. A minimum of a four-week block of time will be allotted for the experience.

Department Consent Required

Total Credits Allowed: 12.00

RE C 485 – Research in Tourism, Recreation and Sport 3 credit hours
Basic knowledge of research terminology, methodology and application. Students do simple but important research.

RE C 498 – Special Topics 1-3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor, and the needs of the student.

Total Credits Allowed: 3.00
Exercise Science Comprehensive, Bachelor of Science

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
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<th>Code</th>
<th>Title</th>
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<td><strong>General Studies</strong></td>
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<td></td>
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<td>Portal</td>
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<td><strong>Distribution</strong></td>
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<td>ENG 101 Introduction of Academic Writing</td>
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<td>Humanities (p. 464)</td>
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<td>SOC 100 Introduction to Sociology</td>
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<td>Wellness (p. 466)</td>
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<td>Including:</td>
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<td></td>
<td>PE 150 Healthy Wealthy and Wise</td>
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<td>FAMS 110 Introduction to Nutrition</td>
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<td><strong>Capstone</strong></td>
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Please see the Department for Entrance Requirements (p. 277). Other information available at the program's web page (http://unkcms.unl.edu/academics/hperls/exercise_science.php).

**Major Option**

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<td>PE 107</td>
<td>Introduction to Exercise Science</td>
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<td>PE 110</td>
<td>Basic Sports Activities ²</td>
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<tr>
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<td>Volunteer Practicum</td>
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<td>PE 305</td>
<td>Fitness Leadership</td>
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<td>PE 310</td>
<td>Introduction to Human Physiology of Exercise</td>
<td>3</td>
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<tr>
<td>PE 329</td>
<td>Introduction to Health Promotions</td>
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</tr>
<tr>
<td>PE 360</td>
<td>Introduction to Anatomical Biomechanics</td>
<td>4</td>
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<tr>
<td>PE 422</td>
<td>Essentials of Strength and Conditioning</td>
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<td>PE 461</td>
<td>Physiology of Exercise</td>
<td>4</td>
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<td>PE 467</td>
<td>Fitness Testing</td>
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<td>PE 468</td>
<td>Public Health Aspects of Physical Activity</td>
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<td>REC 477</td>
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<td>Professional Readiness in Exercise Science</td>
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<td>PE 469</td>
<td>Sports Nutrition</td>
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<td>PE 473</td>
<td>Special Topics in Exercise Nutrition</td>
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<td>PE 475</td>
<td>Research Methods in Exercise Science</td>
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<tr>
<td>or REC 485</td>
<td>Research in Tourism, Recreation and Sport</td>
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<td>PE 452</td>
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</table>

¹ Students with sufficient preparation may enter the mathematics program at a higher level.
² Take one credit hour from the following: Spinning, Zumba, Crossfit, Pilates, Yoga, Step Aerobics, PIYO

Exercise Science, Bachelor of Science

Offered by Department of Kinesiology and Sport Sciences (p. 276)

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<td><strong>Distribution</strong></td>
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<td>Select one course numbered 388 (p. 461)</td>
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</tr>
<tr>
<td></td>
<td><strong>BS Science-related course requirements</strong></td>
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<td></td>
<td>MATH 102 College Algebra ¹</td>
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<td>Complete all required courses</td>
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<tr>
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<td><strong>Unrestricted electives</strong></td>
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Please see the Department for Entrance Requirements (p. 277). Other information available at the program's web page (http://unkcms.unl.edu/academics/hperls/exercise_science.php).

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<td>PE 107</td>
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</table>
Natural Sciences (p. 464) 9
Including:
- PHYS 205 General Physics I
- & 205L and Physics I Laboratory
Select one of the following:
- CHEM 145 Introductory Chemistry

or
- CHEM 160 General Chemistry
- & 160L and General Chemistry Laboratory

Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 6
Including:
- PE 150 Healthy Wealthy and Wise
- FAMS 110 Introduction to Nutrition

Capstone
Select one course numbered 388 (p. 461) 3

BS Science-related course requirements
MATH 102 College Algebra 1

Major Option
Complete all required courses 36

Minor or 2nd Major
Complete all required courses 2 24

Unrestricted electives
Needed to complete 120 credit hours 6

Total Credit Hours 120

Please see the Department for Entrance Requirements (p. 277). Other information available at the program’s web page (http://unkcms.unk.edu/academics/kperls/exercise_science.php).

**Major Option**

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<td>PE 496</td>
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<td>Take 3 hours from:</td>
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<tr>
<td>PE 469</td>
<td>Sports Nutrition</td>
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**or PE 473 Special Topics in Exercise Nutrition**

Total Credit Hours 36

1. Students with sufficient preparation may enter the mathematics program at a higher level.

2. A minor or second major is required for a complete degree program.

The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Suggested minors for Exercise Science majors include: Biology, Chemistry, Health Science, Psychology or Public Health.

**Health and Physical Education**

PK-12 Teaching Field Endorsement,
Bachelor of Arts in Education

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<td>SPCH 100 Fundamentals of Speech Communication</td>
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<td>TE 100 Teaching in a Democratic Society</td>
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<td><strong>Portal</strong></td>
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<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
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<td></td>
<td><strong>Distribution</strong></td>
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<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
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<td>PSCI 110 Introduction to American Politics</td>
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<td><strong>Analytical and Quantitative Thought (p. 460)</strong></td>
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<td><strong>Wellness (p. 466)</strong></td>
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<tr>
<td></td>
<td>PE 150 Healthy Wealthy and Wise</td>
<td></td>
</tr>
</tbody>
</table>

**Capstone**
Select one course numbered 388 (p. 461) 3

**Professional Sequence**
Complete all required courses 23

Including:
## Health and Physical Education Teaching Field Endorsement

### Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 100</td>
<td>Principles of Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 121</td>
<td>Sports Skills for Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 200</td>
<td>Teaching Sport Skills and Non-Rhythmic Activities</td>
<td>3</td>
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<tr>
<td>PE 220</td>
<td>Teaching Aerobic and Anaerobic Activities</td>
<td>1</td>
</tr>
<tr>
<td>PE 241</td>
<td>Rhythmic Activities for Physical Education Teachers</td>
<td>2</td>
</tr>
<tr>
<td>PE 265</td>
<td>Emergency Medical Response</td>
<td>2</td>
</tr>
<tr>
<td>PE 310</td>
<td>Introduction to Human Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>PE 325</td>
<td>Motor Learning and Development</td>
<td>3</td>
</tr>
<tr>
<td>PE 328</td>
<td>Water Safety Instructor</td>
<td>3</td>
</tr>
<tr>
<td>PE 360</td>
<td>Introduction to Anatomical Biomechanics</td>
<td>4</td>
</tr>
<tr>
<td>PE 369</td>
<td>Remedial and Adaptive Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 422</td>
<td>Essentials of Strength and Conditioning</td>
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<td>PE 422L</td>
<td>Essentials of Strength and Conditioning Lab</td>
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<td>PE 428</td>
<td>Middle School and High School Physical Education Methods</td>
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<td>PE 441</td>
<td>Elementary Physical Education Methods</td>
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<td>PE 450</td>
<td>Curriculum and Assessment for Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 464</td>
<td>School Health Methods</td>
<td>3</td>
</tr>
<tr>
<td>PE 471</td>
<td>Field Experience in Health &amp; Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 488</td>
<td>Senior Seminar in Health &amp; Physical Education</td>
<td>1</td>
</tr>
<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
<td>3</td>
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</tbody>
</table>

### Total Credit Hours

48

---

### Portal

Select one course numbered 188 (p. 465)

### Distribution

- ENG 101: Introduction to Academic Writing (3 credit hours)
- If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies
- Humanities (p. 464) (6 credit hours)
- Social Sciences (p. 465) (6 credit hours)
  - Including:
    - FAMS 151: Human Sexual Behavior (3 credit hours)
    - PSCI 110: Introduction to American Politics (3 credit hours)
- Natural Sciences (p. 464) (7 credit hours)
  - Including:
    - GEOG 103: The Dynamic Planet: Hazards in the Environment (4 credit hours)

### Analytical and Quantitative Thought (p. 460) (0 credit hours)

### Wellness (p. 466) (3 credit hours)

### Professional Sequence

Complete all required courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>TE 319</td>
<td>Management and Assessment in K-12/Secondary Classrooms</td>
<td>23</td>
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</table>

### Endorsement

Complete all required courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PE 100</td>
<td>Principles of Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 121</td>
<td>Sports Skills for Physical Education</td>
<td>2</td>
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<td>PE 200</td>
<td>Teaching Sport Skills and Non-Rhythmic Activities</td>
<td>2-3</td>
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<td>PE 265</td>
<td>Emergency Medical Response</td>
<td>2</td>
</tr>
<tr>
<td>PE 310</td>
<td>Introduction to Human Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>PE 329</td>
<td>Introduction to Health Promotions</td>
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<td>PE 360</td>
<td>Introduction to Anatomical Biomechanics</td>
<td>4</td>
</tr>
<tr>
<td>PE 464</td>
<td>School Health Methods</td>
<td>3</td>
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</tbody>
</table>

### Total Credit Hours

120

---

### Health Education 7-12 Subject Endorsement, Bachelor of Arts in Education

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Foundational Core</strong> (Written, Math, Oral, Democracy)</td>
<td></td>
</tr>
</tbody>
</table>

---

1. Students must apply for admission to all Teacher Education programs (p. 404).
## Physical Education 7-12 Teaching Subject Endorsement, Bachelor of Arts in Education

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 488</td>
<td>Senior Seminar in Health &amp; Physical Education</td>
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</tr>
<tr>
<td>PE 471</td>
<td>Field Experience in Health &amp; Physical Education</td>
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</tr>
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<td>CSP 417</td>
<td>Counseling Skills</td>
<td>3</td>
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<tr>
<td>FAMS 110</td>
<td>Introduction to Nutrition</td>
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</table>

1. Students must apply for admission to all Teacher Education programs (p. 404).

## Endorsement

### Physical Education 7-12 Subject Endorsement Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 100</td>
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<td>PE 121</td>
<td>Sports Skills for Physical Education</td>
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<td>PE 220</td>
<td>Teaching Aerobic and Anaerobic Activities</td>
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<td>PE 265</td>
<td>Emergency Medical Response</td>
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<td>PE 310</td>
<td>Introduction to Human Physiology of Exercise</td>
<td>3</td>
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<td>PE 325</td>
<td>Motor Learning and Development</td>
<td>3</td>
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<tr>
<td>PE 328</td>
<td>Water Safety Instructor</td>
<td>3</td>
</tr>
<tr>
<td>PE 360</td>
<td>Introduction to Anatomical Biomechanics</td>
<td>4</td>
</tr>
<tr>
<td>PE 369</td>
<td>Remedial and Adaptive Physical Education</td>
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<td>PE 428</td>
<td>Middle School and High School Physical Education Methods</td>
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<td>PE 450</td>
<td>Curriculum and Assessment for Physical Education</td>
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<tr>
<td>PE 488</td>
<td>Senior Seminar in Health &amp; Physical Education</td>
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<tr>
<td>PE 471</td>
<td>Field Seminar in Health &amp; Physical Education</td>
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</tbody>
</table>

Total Credit Hours 35

1. Students must apply for admission to all Teacher Education programs (p. 404).

## Physical Education Comprehensive, Bachelor of Science

Offered by Department of Kinesiology and Sport Sciences (p. 276)

### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 12

Including:

- ENG 102 Academic Writing and Research
- SPCH 100 Fundamentals of Speech Communication
- TE 100 Teaching in a Democratic Society

### Portal

Select one course numbered 188 (p. 465) 3

### Distribution

- Aesthetics (p. 460) 3
- Humanities (p. 464) 6
- Social Sciences (p. 465) 6

Including:

- FAMS 151 Human Sexual Behavior
- PSCI 110 Introduction to American Politics
- Natural Sciences (p. 464) 7
- Analytical and Quantitative Thought (p. 460) 0
- Wellness (p. 466) 3

Including:

- PE 150 Healthy Wealthy and Wise

Needed to reach 27 credit hour minimum in Distribution 2

### Capstone

Select one course numbered 388 (p. 461) 3

### Professional Sequence

Complete all required courses 1 23

Including:

- TE 319 Management and Assessment in K-12/Secondary Classrooms

### Endorsement

Complete all required courses 35

### Unrestricted electives

Needed to complete 120 credit hours 17

### Total Credit Hours

120

1. If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies

## General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 12

### Portal

Select one course numbered 188 (p. 465) 3

### Distribution

- Aesthetics (p. 460) 3
- Humanities (p. 464) 6
- Social Sciences (p. 465) 6
- Natural Sciences (p. 464) 7
- Analytical and Quantitative Thought (p. 460) 0
- Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

### Capstone

Select one course numbered 388 (p. 461) 3
Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**
Complete all required courses 0

**Major Option**
Complete all required courses 56

**Unrestricted electives**
Needed to complete 120 credit hours 19

Total Credit Hours 120

Contact the Department Chair (p. 276) for specific course requirements to complete this non-teaching degree.

---

**Physical Education Minor**

Offered by Department of Kinesiology and Sport Sciences (p. 276)

See the Department Chair (p. 276) for specific course requirements for this minor.

The Physical Education Minor requires 24 credit hours.

**Physical Education PK-6 Teaching Subject Endorsement, Bachelor of Arts in Education**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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</tr>
<tr>
<td></td>
<td><em>Foundational Core (Written, Math, Oral, Democracy)</em></td>
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</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
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<tr>
<td></td>
<td>Including:</td>
<td></td>
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<tr>
<td></td>
<td>ENG 102 Academic Writing and Research</td>
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<tr>
<td></td>
<td>SPCH 100 Fundamentals of Speech Communication</td>
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<td></td>
<td>TE 100 Teaching in a Democratic Society</td>
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<tr>
<td></td>
<td><strong>Portal</strong></td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Distribution</strong></td>
<td></td>
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<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
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<tr>
<td></td>
<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
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<tr>
<td></td>
<td><strong>Aesthetics (p. 460)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Humanities (p. 464)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Social Sciences (p. 465)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FAMS 151 Human Sexual Behavior</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PSCI 110 Introduction to American Politics</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Natural Sciences (p. 464)</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Analytical and Quantitative Thought (p. 460)</strong></td>
<td></td>
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<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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</tr>
<tr>
<td></td>
<td>PE 150 Healthy Wealthy and Wise</td>
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<tr>
<td></td>
<td><strong>Capstone</strong></td>
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</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Professional Sequence</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses 1</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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<tr>
<td></td>
<td>TE 318 Management and Assessment in Preschool/Elementary Classrooms</td>
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**Endorsement**

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td></td>
<td><strong>Physical Education K-6 Subject Endorsement Requirements</strong></td>
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<tr>
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<td>PE 100 Principles of Physical Education</td>
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<td>PE 121 Sports Skills for Physical Education</td>
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<td>PE 200 Teaching Sport Skills and Non-Rhythmic Activities</td>
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<td>PE 241 Rhythmic Activities for Physical Education Teachers 2</td>
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<td>PE 265 Emergency Medical Response</td>
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<td>PE 310 Introduction to Human Physiology of Exercise</td>
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<td>PE 325 Motor Learning and Development</td>
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<td>PE 340 Non-Rhythmic Physical Education</td>
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<td>PE 360 Introduction to Anatomical Biomechanics</td>
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<td>PE 441 Elementary Physical Education Methods</td>
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<td></td>
<td>PE 450 Curriculum and Assessment for Physical Education</td>
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<td>PE 488 Senior Seminar in Health &amp; Physical Education</td>
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</tr>
<tr>
<td></td>
<td>PE 471 Field Experience in Health &amp; Physical Education</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credit Hours 34

1 Students must apply for admission to all Teacher Education programs (p. 404).

2 Elementary Education majors may substitute PE 361 for PE 241.

---

**Recreation and Park Management Minor**

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Requirements</strong></td>
<td></td>
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<tr>
<td></td>
<td>REC 150 Foundations of Recreation, Park and Leisure</td>
<td>3</td>
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<tr>
<td></td>
<td>REC 215 Introduction to Outdoor Recreation</td>
<td>3</td>
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<tr>
<td></td>
<td>REC 300 Volunteer Practicum</td>
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<tr>
<td></td>
<td>REC 354 Programming in Sport, Recreation, and Events</td>
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<tr>
<td></td>
<td>REC 375 Leadership in Recreation, Sport and Events</td>
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</tbody>
</table>
## Recreation Management, Bachelor of Science

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 422</td>
<td>Facilities in Recreation, Events and Sport</td>
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<tr>
<td>REC 453</td>
<td>Therapeutic Recreation for Special Populations</td>
<td>3</td>
</tr>
<tr>
<td>PE 121</td>
<td>Sports Skills for Physical Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 24

### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**
- Foundational Core courses (p. 460) 12

**Portal**
- Select one course numbered 188 (p. 465) 3

**Distribution**
- ENG 101 Introduction of Academic Writing 3

**Aesthetics (p. 460)**
- 3

**Humanities (p. 464)**
- 6

**Social Sciences (p. 465)**
- 6

**Natural Sciences (p. 464)**
- 7

**Analytical and Quantitative Thought (p. 460)**
- 0

**Wellness (p. 466)**
- 3

Including:
- **PE 150 Healthy Wealthy and Wise** 3

### Capstone
- Select one course numbered 388 (p. 461) 3

### BS Science-related course requirements
- Complete all required courses 0

### Major Option
- Complete all required courses 36

### Minor or 2nd Major
- Complete all required courses 1

### Unrestricted electives
- Needed to complete 120 credit hours 14

**Total Credit Hours** 120

## Recreation, Outdoor and Event Management Comprehensive, Bachelor of Science

Offered by Department of Kinesiology and Sport Sciences (p. 276)

### Recreation and Event Management or Natural Resource Management and Outdoor Pursuits Emphases

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 356</td>
<td>Special Topics (Approved by Advisor)</td>
<td>3</td>
</tr>
<tr>
<td>REC 375</td>
<td>Leadership in Recreation, Sport and Events</td>
<td>3</td>
</tr>
<tr>
<td>REC 422</td>
<td>Facilities in Recreation, Events and Sport</td>
<td>3</td>
</tr>
<tr>
<td>REC 453</td>
<td>Therapeutic Recreation for Special Populations</td>
<td>3</td>
</tr>
<tr>
<td>REC 477</td>
<td>Internship</td>
<td>12</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 36

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

## Major Option

### Recreation Management Requirements
- REC 150 Foundations of Recreation, Park and Leisure 3
- REC 215 Introduction to Outdoor Recreation 3
- REC 354 Programming in Sport, Recreation, and Events 3

### BS Science-related course requirements
- Complete all required courses 0

### Major Option
- Complete all required courses 62

### Unrestricted electives
- Needed to complete 120 credit hours 12

**Total Credit Hours** 120
Major Option

Recreation, Outdoor and Event Management Core Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 150</td>
<td>Foundations of Recreation, Park and Leisure</td>
<td>3</td>
</tr>
<tr>
<td>REC 300</td>
<td>Volunteer Practicum</td>
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<tr>
<td>REC 354</td>
<td>Programming in Sport, Recreation, and Events</td>
<td>3</td>
</tr>
<tr>
<td>REC 375</td>
<td>Leadership in Recreation, Sport and Events</td>
<td>3</td>
</tr>
<tr>
<td>REC 422</td>
<td>Facilities in Recreation, Events and Sport</td>
<td>3</td>
</tr>
<tr>
<td>REC 444</td>
<td>Issues in Recreation and Leisure</td>
<td>3</td>
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<tr>
<td>REC 477</td>
<td>Internship</td>
<td>12</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
<td>3</td>
</tr>
</tbody>
</table>

Recreation, Outdoor and Event Management Comprehensive Options

Select 1 of the following: 30

- Recreation Management (p. 291)
- Event Management (p. 291)
- Natural Resources Park Management (p. 291)
- Outdoor Pursuits (p. )

Total Credit Hours 62

Recreation, Outdoor and Event Management Comprehensive Options

Recreation and Event Management Emphasis

Recreation and Event Management Core Requirements

Take all of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 356</td>
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<tr>
<td>REC 454</td>
<td>Community Assessment and Planning</td>
<td>3</td>
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<tr>
<td>PE 429</td>
<td>Marketing in Sport, Recreation and Events</td>
<td>3</td>
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<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
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</table>

Choose one of the following options:

Recreation Management 18

- REC 215 Introduction to Outdoor Recreation
- REC 352 Outdoor Adventure Education
- REC 453 Therapeutic Recreation for Special Populations
- PE 121 Sports Skills for Physical Education
- PE 211 Advanced Sports
- PE 328 Water Safety Instructor
- PE 425 Legal Aspects of Sport and Recreation

OR

Event Management 18

- MKT 336 Services Marketing
- ACCT 311 Business Law I
- JMC 309 Public Relations

Choose 3 of the following: 9

Total Credit Hours 60

Natural Resource Management and Outdoor Pursuits Emphasis

Take all of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 215</td>
<td>Introduction to Outdoor Recreation</td>
<td>3</td>
</tr>
<tr>
<td>REC 352</td>
<td>Outdoor Adventure Education</td>
<td>3</td>
</tr>
<tr>
<td>REC 453</td>
<td>Therapeutic Recreation for Special Populations</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of the following options:

Natural Resource Management 21

- BIOL 105 Biology I
- BIOL 307 Ecology
- BIOL 330 Wildlife Conservation
- BIOL 405 Range and Wildlife Management
- GEOG 300 Map Investigation
- GEOG 418 Working with GIScience and Spatial Analysis
- PE 265 Emergency Medical Response

OR

Outdoor Pursuits 21

- GEOG 300 Map Investigation
- REC 246 Wilderness First Aid
- REC 321 Campus Recreation Management
- CSP 417 Counseling Skills
- PE 265 Emergency Medical Response

Take 3 courses from: 9

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 356</td>
<td>Special Topics</td>
<td></td>
</tr>
<tr>
<td>PE 425</td>
<td>Legal Aspects of Sport and Recreation</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 60

Sports Management Comprehensive, Bachelor of Science

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 251</td>
<td>Principles of Accounting II</td>
<td></td>
</tr>
<tr>
<td>ECON 380</td>
<td>Tourism Economics</td>
<td></td>
</tr>
<tr>
<td>GEOG 350</td>
<td>International Tourism</td>
<td></td>
</tr>
<tr>
<td>MGT 330</td>
<td>International Management</td>
<td></td>
</tr>
<tr>
<td>MGT 380</td>
<td>Human Resource Management</td>
<td></td>
</tr>
<tr>
<td>SPCH 370</td>
<td>Small Group Communication</td>
<td></td>
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</tbody>
</table>

General Studies

Foundational Core (Written, Math, Oral, Democracy)

Foundational Core courses (p. 460) 12

Including: 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td></td>
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</tbody>
</table>
or MATH 115 Calculus I with Analytic Geometry

**Portal**
Select one course numbered 188 (p. 465) 3

**Distribution**
ENG 101 Introduction of Academic Writing 3

*If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.*

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 9

Including:
- ECON 270 Principles of Economics, Macroeconomics
- ECON 271 Principles of Economics, Microeconomics

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 3

Including:
- PE 150 Healthy Wealthy and Wise

**Capstone**
Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**
Complete all required courses 0

**Major Option**
Complete all required courses 61

**Unrestricted electives**
Needed to complete 120 credit hours 10

Total Credit Hours 120

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### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 300</td>
<td>Volunteer Practicum</td>
<td>2</td>
</tr>
<tr>
<td>REC 354</td>
<td>Programming in Sport, Recreation, and Events</td>
<td>3</td>
</tr>
<tr>
<td>REC 422</td>
<td>Facilities in Recreation, Events and Sport</td>
<td>3</td>
</tr>
<tr>
<td>REC 477</td>
<td>Internship</td>
<td>12</td>
</tr>
<tr>
<td>PE 280</td>
<td>Introduction to Sport Management</td>
<td>2</td>
</tr>
<tr>
<td>PE 429</td>
<td>Marketing in Sport, Recreation and Events</td>
<td>3</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
<td>3</td>
</tr>
</tbody>
</table>

**Sport Management Comprehensive Core Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 401</td>
<td>Psychology of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 402</td>
<td>Sociology of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 403</td>
<td>Sports Economics</td>
<td>3</td>
</tr>
<tr>
<td>PE 407</td>
<td>Compliance and Governance in Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 425</td>
<td>Legal Aspects of Sport and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 251</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 311</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>JMC 309</td>
<td>Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>MGT 380</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Sport Management Comprehensive Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
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</table>

Total Credit Hours 61

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1. Students with sufficient preparation may enter the mathematics program at a higher level.

### Sports Management Minor

**Offered by Department of Kinesiology and Sport Sciences (p. 276)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 477</td>
<td>Internship</td>
<td>4</td>
</tr>
<tr>
<td>PE 280</td>
<td>Introduction to Sport Management</td>
<td>2</td>
</tr>
<tr>
<td>PE 401</td>
<td>Psychology of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 402</td>
<td>Sociology of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 403</td>
<td>Sports Economics</td>
<td>3</td>
</tr>
<tr>
<td>PE 425</td>
<td>Legal Aspects of Sport and Recreation</td>
<td>3</td>
</tr>
<tr>
<td>PE 429</td>
<td>Marketing in Sport, Recreation and Events</td>
<td>3</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 24

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### Sports Management, Bachelor of Science

**Offered by Department of Kinesiology and Sport Sciences (p. 276)**

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>REC 300</td>
<td>Volunteer Practicum</td>
<td>2</td>
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<tr>
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<td>Programming in Sport, Recreation, and Events</td>
<td>3</td>
</tr>
<tr>
<td>REC 422</td>
<td>Facilities in Recreation, Events and Sport</td>
<td>3</td>
</tr>
<tr>
<td>REC 477</td>
<td>Internship</td>
<td>12</td>
</tr>
<tr>
<td>PE 280</td>
<td>Introduction to Sport Management</td>
<td>2</td>
</tr>
<tr>
<td>PE 429</td>
<td>Marketing in Sport, Recreation and Events</td>
<td>3</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
<td>3</td>
</tr>
</tbody>
</table>

**General Studies**

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 12

Including:
- Any General Studies MATH or STAT course

**Portal**
Select one course numbered 188 (p. 465) 3

**Distribution**
ENG 101 Introduction of Academic Writing 3

*If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies.*

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 3

Including:
- PE 150 Healthy Wealthy and Wise

**Capstone**
Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**
Complete all required courses 0
Major Option
Complete all required courses 35

Minor or 2nd Major
Complete all required courses 24

Unrestricted electives
Needed to complete 120 credit hours 15

Total Credit Hours 120

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 300</td>
<td>Volunteer Practicum</td>
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</tr>
<tr>
<td>REC 422</td>
<td>Facilities in Recreation, Events and Sport</td>
<td>3</td>
</tr>
<tr>
<td>REC 477</td>
<td>Internship</td>
<td>10</td>
</tr>
<tr>
<td>PE 280</td>
<td>Introduction to Sport Management</td>
<td>2</td>
</tr>
<tr>
<td>PE 429</td>
<td>Marketing in Sport, Recreation and Events</td>
<td>3</td>
</tr>
<tr>
<td>PE 430</td>
<td>Organization and Administration in Recreation, Sport and Events</td>
<td>3</td>
</tr>
</tbody>
</table>

Sports Management Core Requirements

Total Credit Hours 35

Supplemental Endorsement in Adapted Physical Education

Offered by Department of Kinesiology and Sport Sciences (p. 276)

Students must complete one Teaching Subject Endorsement or one Field Endorsement in addition to this Supplemental Endorsement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 264</td>
<td>Foundation of Athletic Training</td>
<td>2</td>
</tr>
<tr>
<td>PE 310</td>
<td>Introduction to Human Physiology of Exercise</td>
<td>3</td>
</tr>
<tr>
<td>PE 360</td>
<td>Introduction to Anatomical Biomechanics</td>
<td>4</td>
</tr>
<tr>
<td>PE 401</td>
<td>Psychology of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 421</td>
<td>Administration of High School Athletics</td>
<td>2</td>
</tr>
<tr>
<td>PE 422</td>
<td>Essentials of Strength and Conditioning</td>
<td>2</td>
</tr>
</tbody>
</table>

Electives
Select 2 of the following: 5-6

Supplemental Endorsement in Interscholastic Coaching (7-12)

Offered by Department of Kinesiology and Sport Sciences (p. 276)

Students must complete one Teaching Subject Endorsement or one Field Endorsement in addition to this Supplemental Endorsement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 109</td>
<td>Activity Class (Adapted Aquatics)</td>
<td>1</td>
</tr>
<tr>
<td>PE 110</td>
<td>Basic Sports Activities</td>
<td>2</td>
</tr>
<tr>
<td>PE 221</td>
<td>Teaching Sport and Leisure Activities</td>
<td>2</td>
</tr>
<tr>
<td>PE 240</td>
<td>Non-Rhythmic Activities for Elementary Schools</td>
<td>2</td>
</tr>
<tr>
<td>PE 241</td>
<td>Rhythmic Activities for Physical Education Teachers</td>
<td>2</td>
</tr>
<tr>
<td>PE 369</td>
<td>Remedial and Adaptive Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 380</td>
<td>Diagnostic-Prescriptive Techniques for Adapted Physical Education</td>
<td>3</td>
</tr>
<tr>
<td>PE 426</td>
<td>Instructional Strategies in Adapted Physical Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 28

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 264</td>
<td>Foundation of Athletic Training</td>
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<td>Introduction to Anatomical Biomechanics</td>
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<tr>
<td>PE 401</td>
<td>Psychology of Sport</td>
<td>3</td>
</tr>
<tr>
<td>PE 421</td>
<td>Administration of High School Athletics</td>
<td>2</td>
</tr>
<tr>
<td>PE 422</td>
<td>Essentials of Strength and Conditioning</td>
<td>2</td>
</tr>
</tbody>
</table>

Select 2 of the following: 5-6

Event Management Minor

Offered by Department of Kinesiology and Sport Sciences (p. 276)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>REC 150</td>
<td>Foundations of Recreation, Park and Leisure</td>
<td>3</td>
</tr>
<tr>
<td>REC 354</td>
<td>Programming in Sport, Recreation, and Events</td>
<td>3</td>
</tr>
<tr>
<td>REC 356</td>
<td>Special Topics (Approved by Advisor)</td>
<td>3</td>
</tr>
<tr>
<td>REC 375</td>
<td>Leadership in Recreation, Sport and Events</td>
<td>3</td>
</tr>
<tr>
<td>MKT 336</td>
<td>Services Marketing</td>
<td>3</td>
</tr>
<tr>
<td>JMC 309</td>
<td>Public Relations</td>
<td>3</td>
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Select 2 of the following: 6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>REC 422</td>
<td>Facilities in Recreation, Events and Sport</td>
<td>2</td>
</tr>
<tr>
<td>REC 444</td>
<td>Issues in Recreation and Leisure</td>
<td>3</td>
</tr>
</tbody>
</table>
ECON 380  Tourism Economics
GEOG 350  International Tourism
PE 430  Organization and Administration in Recreation, Sport and Events
or MGT 301  Principles of Management

Department of Management

Department Objectives

- To provide students with a high quality undergraduate experience that will lead to successful completion of a Business Administration degree and appropriate entry level jobs in their chosen careers.
- To provide students with a variety of classroom experiences including lecture, case study, problem-solving, computer exercises, presentations and role-playing that lead to a thorough understanding of the subject matter. To complement this classroom experience with a learning environment fostering a strong student/faculty relationship through advising and mentoring.
- To insure that students are exposed to both the theory and practice of business by giving them opportunities to apply classroom knowledge to actual situations in the marketplace.
- To develop students’ ability to perceive and analyze problems and opportunities in order that they might apply those techniques in finding solutions throughout their professional careers.

College of Business and Technology
Graduation Requirements

- All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.
- All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.
- All students graduating with a degree from the College of Business and Technology are required to complete 3 credit hours of designated Experiential Learning (EL) coursework.

Business Administration Major

The Department of Management offers one option and one emphasis in this major.

1. Business Administration (p. 299) - Bachelor of Science Degree
2. Business Administration Comprehensive - Bachelor of Science Degree
   - Management Emphasis (p. 298)

The Department of Management also offers a Business, Marketing and Information Technology 6-12 Teaching Field Endorsement (p. 300) and a Supplemental Endorsement in Work-Based Learning (p. 301).

For additional areas of emphasis see departments of Accounting, Finance and Economics (p. 147), and Marketing, Agribusiness, and Supply Chain Management (p. 302).

Minors in Business Administration (p. 299), Entrepreneurship (p. 301), or Health Care Management (p. 301) are available for students pursuing majors in other disciplines.

Kyle W. Luthans, Chair
Professor: Susan Jensen, Ron Konecny, Kyle Luthans
Associate Professor: Brooke Envick, Michelle Fleig-Palmer, Noel Palmer
Assistant Professor: Daniel Chaffin, Jeong Hoon Choi
Lecturer: Alyse Andreasen, Mark Dahlke

Management (MGT)

MGT 133 – Business Calculus and Linear Programming  3 credit hours
A study of linear programming and applied calculus with emphasis on business and economic applications.
Prerequisite: MATH 102

MGT 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

MGT 230 – Managing Diversity in Organizations  3 credit hours
This course covers the personal and managerial implications of cultural diversity within work groups. Underlying this course is the philosophy that the ability to work and manage effectively in a diverse workplace begins with developing a deeper understanding of other cultures.

MGT 232 – Introduction to Scholarly & Creative Activity  3 credit hours
This course will introduce students to scholarly and creative activity and help prepare students for success in a variety of careers.

MGT 233 – Business Statistics  3 credit hours
MATH 120 or MATH 123 are recommended. A study of basic statistical analysis of business and economic data demonstrating its use in making sound business decisions.
Prerequisite: Either MATH 102 or MATH 120 or MATH 123 Students with a Business major must also take BSAD 100 or ITEC 130

MGT 301 – Principles of Management  3 credit hours
An integrated study of the functions of a manager: planning, organizing, leading, and controlling. An in-depth look at various management theories.
MGT 314 – Operations and Supply Management  3 credit hours
Operations management is concerned with the execution of strategy. It involves the systematic design, operation, control, and improvement of business processes to achieve organizational goals and create economic value. Successfully managing operations is vital to the long-term viability of every type of organization. This course provides a broad overview of issues in operations and supply chain management emphasizing a strategic orientation toward design and improvement issues. Specific topics include competitiveness; operations strategy; quality management; statistical process control; design of products, services, processes, and facilities; project management; forecasting; supply chain management; inventory management; lean production; and scheduling.
Prerequisite: MGT 233 or equivalent and either MATH 120 or MATH 123 or MGT 133. Students with a Supply Chain Management Emphasis or Marketing Emphasis or MIS Emphasis must complete MGT 233 or equivalent and either MATH 120 or MATH 123 or MGT 133 or MIS 190.

MGT 330 – International Management  3 credit hours
This course provides an introduction to and overview of the theories, concepts, and practice of international business and management. Additionally, this course will expose students to the basic theories and concepts relating to international trade and globalization - issues of global economic, social, political, and cultural convergence and divergence.

MGT 334 – Applied Business Analytics  3 credit hours
A continuation of the study of the application of statistical techniques to support decision making in business situations using descriptive, predictive, and prescriptive analytics. A statistical computer package will be used.
Prerequisite: MGT 233

MGT 355 – Organizational Behavior  3 credit hours
This course is designed to develop an understanding of and appreciation for the complex interrelationships of people in formal organizations. The course focuses on both individual and group behavior, with emphases on motivation, leadership, conflict, and other aspects of organizational dynamics. Some sections use basic statistics and computer applications.
Prerequisite: Junior standing

MGT 380 – Human Resource Management  3 credit hours
This course introduces the student to the theory and practice of human resource management. Topics include recruitment, selection, and placement; training, development and performance management; compensation; equal opportunity and the legal environment; and strategic implications of HRM and its relationship with other organizational functional areas.

MGT 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

MGT 400 – Entrepreneurship  3 credit hours
This course explores the phenomena of entrepreneurship, including the myths, realities, and impact of entrepreneurial activity. Students assess their own entrepreneurial aptitude and interests, meet a variety of entrepreneurs, and investigate the processes of generating promising ideas, evaluating the viability of those ideas, finding capital, considering franchise opportunities, and developing a new venture management team. The class is project oriented with each student participating in the development of a feasibility plan for a new venture.

MGT 401 – Small Business Management  3 credit hours
This course focuses on the operation of small business and the small business environment. This course deals with the topics related to personnel, government regulations of small business, advertising, sales promotion, accounting, forecasting, family ownership and other management related problems.
Prerequisite: MGT 300

MGT 405 – Creativity and Innovation  3 credit hours
Creativity and innovation are integral to an organization's ability to survive and thrive in an increasingly competitive marketplace. This course provides students with an understanding of how creativity and innovation can be fostered in individuals and organizations. Students will learn about theoretical frameworks of creativity and the diffusion of innovation as well as practical techniques for improving the flexibility and originality of their own design thinking and problem-solving processes. Students will be expected to play an active role in learning through class exercises, discussions, and both individual and team projects.

MGT 409 – Leadership: Skills, Applications, Research  3 credit hours
This course is designed to give students preparing for careers in business, government, and the nonprofit sector a working knowledge of leadership styles, principles, models, and practical applications. Students will learn to engage critically in analytical and intellectual examination and reflection of certain core issues in the practice of leadership. Topics covered include history of leadership, leadership traits and behaviors, motivation and communication patterns, teamwork, use of power, development of trust, effective group facilitation, negotiation and persuasion, effective change, and ethics.

MGT 410 – Compensation Management  3 credit hours
A study of the basic forms of financial compensation, including benefits packages. Principles of internal, external, and individual equity are determined by job evaluation, salary surveys, and performance evaluation comprise the core of this course. Prior completion of MGT 380 is recommended.

MGT 411 – Labor Relations  3 credit hours
A study of labor-management relations as defined by negotiated labor contracts. Topics include history of the labor movement, union structure and function, the negotiation process, and issues in labor relations. Prior completion of MGT 380 is recommended.

MGT 415 – Quality Management Concepts & Practice  3 credit hours
Overview of the concepts and techniques of quality management. Statistical tools; people element of quality management; philosophies and practices of quality experts discussed. Students will be expected to be computer literate.
Prerequisite: MGT 314

MGT 425 – Operations Research  3 credit hours
Recent developments relating to business application of linear programming, simplex method, transportation method, post optimality analysis, game theory, utility theory, PERT/CPM, and queuing theory. Students will be expected to be computer literate.
Prerequisite: MGT 233 or equivalent
MGT 440 – Health Care Management I - Managing People Effectively  3 credit hours
Health care managers are responsible for getting things done through other people. This course focuses on giving students the tools (theory and practice) to become an effective manager in healthcare settings. Topics include leadership, ethics, staffing, teamwork, communication, and performance management.

MGT 441 – Health Care Management II - Managing Processes  3 credit hours
Health care managers are responsible for effectively coordinating, planning, and managing business processes. These processes include scheduling, waiting line assessment, quality, budgeting, financial planning and forecasting.

MGT 450 – Health Care Delivery: Systems and Policies  3 credit hours
This course is for health sciences students and students interested in health care management. Topics include 1) the organization, delivery, and financing of health care; 2) the business side of health care including workforce issues, payment systems, and cost control; 3) issues in the health care industry including the effect of government policies; and 4) the opportunity for students to critically evaluate current changes in health care policies in the United States and other countries and the effect of such changes on the quality of patient care.

MGT 474 – International Experiential Learning: Management  1-3 credit hours
Independent investigations of international management issues through first-hand experiences. Topics to be investigated may be tailored to meet the needs of the student.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: MGT 330 or MKT 430 or ECON 430 and junior or senior standing and permission of department chair

MGT 475 – Management Internship  1-12 credit hours
A work experience program planned for students preparing for employment in business, industry, government, or nonprofit organization. The learning situation is supervised by personnel within the selected entity.
Total Credits Allowed: 15.00
Prerequisite: Minimum GPA 2.5 and MGT 301 or MGT 355

MGT 485 – Seminar in Human Resource Management  3 credit hours
Provides the student with an opportunity to study and research current issues in human resource management; course stresses an informal setting and open communications approach.
Prerequisite: MGT 380

MGT 489 – Business Consultantship  3 credit hours
This course affords the student an opportunity to serve in a consultant capacity for an area business. In-depth business analysis is conducted by the student, and specific recommendations are reported to the management of the firm.
Department Consent Required
Prerequisite: Senior standing and permission of department chair

MGT 490 – Seminar in Organizational Behavior  3 credit hours
Provides the student an opportunity to study and research current issues in organizational behavior and to develop a futuristic philosophy of organizational management.
Prerequisite: MGT 355

MGT 493 – Social Responsibilities of Business: Issues and Ethics  3 credit hours
A study of the societal challenge of business and organizations; how business and society interface; micro and macro publics of business and organization, environment, consumerism, employee rights, equality/diversity, international business and future corporate ethos. This course covers legal, ethical and social responsibility issues of business and organizations.
Prerequisite: Junior standing

MGT 495 – Administrative Strategy and Policy  3 credit hours
As the capstone course in business, the course is designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making.
Prerequisite: FIN 308 and MKT 300 and either MGT 301 or MGT 355

MGT 498 – Management Topics  3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.

MGT 499 – Special Problems in Business  1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student.
Department Consent Required
Total Credits Allowed: 3.00

Business Administration (BSAD)

BSAD 100 – Exploring Business  1 credit hour
The goal of this course is to help the student make a successful transition from high school to the College of Business and Technology by providing the opportunity to explore the various business disciplines and associated campus and career opportunities. The student will be asked to take an active involvement in academic issues and topics such as the facilities and offerings provided by the College of Business and Technology, requirements for successful course and program completion, and the values and skills that lead to professional and personal success.

BSAD 115 – Introduction to Business  3 credit hours
This course provides an overview of business concepts including entrepreneurship, government and business, international business, financial concepts, and economic issues. Students are provided with an integrated and practical approach to current business practices in all functional areas of business.

BSAD 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

BSAD 280H – Special Topics  1-3 credit hours
Total Credits Allowed: 3.00
**BSAD 295 – Business Communications**  3 credit hours
Current trends in written and oral business communications are covered in this course. Students will learn strategies for developing effective written communications including business letters, e-mail messages, memos, reports, and proposals. Oral communications skills including working in teams, listening, and nonverbal communications are discussed. Techniques for giving effective oral presentations are part of the course. Prerequisite: ENG 101 or ENG 102 or English ACT score of 29 or above.

**BSAD 400 – Professional Readiness**  1 credit hour
The goal of this course is to help the student make a successful transition from the College of Business & Technology to future professional success. Student leadership will be required in various forms in order to determine accomplishment of designated learning goals. Students will also be expected to take an active involvement in activities designed to further enhance professional readiness and help establish positive future connections with the College and business communities. Prerequisite: Junior or senior standing and Business Administration or Agribusiness Major.

**BSAD 499 – Special Problems in Business**  1-3 credit hours
Independent investigations of business problems. Topics to be investigated may be tailored to meet the needs of the student. A case study course designed (1) to integrate the knowledge acquired in other courses in business administration, and (2) to emphasize analysis and decision-making. Must be approved by Department Chair. Department Consent Required
Total Credits Allowed: 3.00

**Business Education (BSED)**

**BSED 102 – Writing for the Professions**  3 credit hours
This course focuses on writing utilizing information gleaned from library sources, required readings, and other selected materials. Students will critically analyze various assigned materials and develop a logical written document with supporting evidence using appropriate style and tone. Conventions of written English will be used to construct a logical argument appropriate to the targeted audience. Secondary sources will be evaluated for credibility. Prerequisite: ACT Score of 28 OR ENG 101 and word processing skills.

**BSED 121 – Office Information Processing**  3 credit hours
Special emphasis on speed, skill building, business communications, and formatting skills.

**BSED 314 – Information Technology: Networking**  1 credit hour
This course will present information and provide skills needed by education majors to supervise and maintain networked computer lab systems.

**BSED 315 – Information Technology: Presentation Software**  1 credit hour
Students will develop expertise in utilizing presentation software as a communication tool.

**BSED 316 – Information Technology: Telecommunications**  1 credit hour
This course will provide an overview of what type of information is available on Internet, how one can assess this information, and how use of the Internet can be incorporated in classroom and business environments.

**BSED 402 – Career, Business, and Technology Principles**  3 credit hours
This course examines career and technical development, stakeholder engagement, and new and emerging business and computer technologies to promote learning. Subject integration, application of standards, use of web-based sources and resource management is applied. Hands-on experience in desktop publishing and a variety of software programs related to business are provided.

**BSED 431 – Coordinating Techniques**  3 credit hours
This course analyzes vocational cooperative programs and their relationship to the comprehensive school curriculum for combining school-based and work-based learning. The challenge of developing and implementing an effective work-based learning experience are explored. Emphasis is placed on the organization and supervision of cooperative programs, the duties and responsibilities of the coordinator, the selection and placement of students, the evaluation of training stations, and the evaluation of student occupational competencies.

**BSED 470 – Career Education Methods**  3 credit hours
Course is designed to prepare students to teach business education in grades 7-12 and middle school grades. The course covers instructional strategies, methods, and procedures for teaching business education content at the secondary and middle school levels. Students gain knowledge of available resources, development of teaching materials, lesson plans and unit plans, utilization of technology in the teaching of business education classes, and identification and selection of appropriate assessment techniques. Prerequisite: Admission to Teacher Education Program.

**BSED 475 – Internship**  1-15 credit hours
A work experience program planned for students preparing for employment in business, industry and teaching. The learning situation is supervised by the academic department and personnel of selected industries. Work experience approved by the Department. Total Credits Allowed: 15.00

**BSED 499 – Special Problems in Business**  1-3 credit hours
In this course the student completes an independent project investigating current trends and important issues in business education. The project is subject to approval by the instructor and Department Chair, should enhance the student’s existing knowledge of the topic(s) to be studied, and relate to business education. Department Consent Required
Total Credits Allowed: 3.00

**Vocational Education (VOED)**

**VOED 432 – Foundations and Contemporary Issues in Vocational Education**  1-3 credit hours
Origins and philosophy of vocational education and its relationship to the school curriculum. Required for vocational endorsement and recommended as an elective for school administrators. Total Credits Allowed: 3.00

**VOED 434 – Introduction to Students with Special Needs**  3 credit hours
A study of the characteristics of disadvantaged and individuals with disabilities. Emphasis is on the identification, similarities, differences, learning characteristics, manifest behaviors, and cultural diversity of these students. Multicultural values are examined with an emphasis toward understanding the impact upon classroom organization and management.
VOED 499 – Special Problems in Vocational Education  1-3 credit hours
Independent investigations of vocational education problems. Topics to be investigated may be tailored to meet the needs of the student.
Department Consent Required
Total Credits Allowed: 3.00

Business Administration Comprehensive - Management Emphasis, Bachelor of Science

Offered by Department of Management (p. 294)

All College of Business and Technology Graduation Requirements (p. 294) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
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</tbody>
</table>

General Studies

*Foundational Core (Written, Math, Oral, Democracy)*

Foundational Core courses (p. 460)  12
Including:
- MATH 102  College Algebra 1

*Portal*

Select one course numbered 188 (p. 465)  3

*Distribution*

ENG 101  Introduction of Academic Writing  3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

*Aesthetics* (p. 460)  3

*Humanities* (p. 464)  6

*Social Sciences* (p. 465)  9
Including:
- ECON 270  Principles of Economics, Macroeconomics
- ECON 271  Principles of Economics, Microeconomics

*Natural Sciences* (p. 464)  7

*Analytical and Quantitative Thought* (p. 460)  3
Including:
- MGT 233  Business Statistics

*Wellness* (p. 466)  0

*Capstone*

Select one course numbered 388 (p. 461)  3

*Major Option*

Complete all required courses  62

*Unrestricted Electives*

Needed to reach 120 credit hour minimum  9

Total Credit Hours  120

**Major Option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</table>

**Business Administration Comprehensive Core Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BSAD 100</td>
<td>Exploring Business</td>
<td>1</td>
</tr>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 251</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 295</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>FIN 308</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 311</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 314</td>
<td>Operations and Supply Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 493</td>
<td>Social Responsibilities of Business: Issues and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 495</td>
<td>Administrative Strategy and Policy</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 400</td>
<td>Professional Readiness</td>
<td>1</td>
</tr>
</tbody>
</table>

Select 3 credit hours from the following:

- CYBR 306  Introduction to Predictive Modeling  3
- ECON 365  Business Analytics & Decision Making
- MGT 334  Applied Business Analytics

**Business Administration Comprehensive Economics, Information Systems and Math Requirements**

Select 3 credit hours from the following:

- ECON 300-ECON 498  3
- ACCT 391  Accounting Information Systems
- CYBR 302  Principles of Management Information Systems

Select 3 credit hours from the following:

- MATH 120  Finite Mathematics
- MATH 123  Applied Calculus I
- MGT 133  Business Calculus and Linear Programming

**Management Emphasis Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MGT 355</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGT 380</td>
<td>Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 485</td>
<td>Seminar in Human Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 490</td>
<td>Seminar in Organizational Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 4 courses from the following:

- MGT 330  International Management
- MGT 400  Entrepreneurship
- MGT 401  Small Business Management
- MGT 405  Creativity and Innovation
- MGT 409  Leadership: Skills, Applications, Research
- MGT 410  Compensation Management
- MGT 411  Labor Relations
- MGT 415  Quality Management Concepts & Practice
- MGT 425  Operations Research
- MGT 440  Health Care Management I - Managing People Effectively
- MGT 441  Health Care Management II - Managing Processes Effectively
- MGT 450  Health Care Delivery: Systems and Policies
- MGT 474  International Experiential Learning: Management
- MGT 475  Management Internship 4
- MGT 489  Business Consultantship
- MGT 498  Management Topics
## Employment Law

**Total Credit Hours**: 62

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.
2. 2.0 GPA required
3. Except ECON 388
4. Students may take a maximum of 3 credit hours.

### Business Administration Minor

Offered by (p. 294) Department of Management (p. 294)

(Requires a major from another academic department)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 251</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>Select 9 credit hours from the following:</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>ACCT 311</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>FIN 308</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 314</td>
<td>Operations and Supply Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 306</td>
<td>Introduction to Predictive Modeling</td>
<td>3</td>
</tr>
<tr>
<td>ECON 365</td>
<td>Business Analytics &amp; Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>MGT 334</td>
<td>Applied Business Analytics</td>
<td>3</td>
</tr>
<tr>
<td>Select 9 credit hours from the following:</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Any 300-400 level course from ACCT, ECON, FIN, MGT, MKT or CYBR 305, 350, 410, 421, or 485</td>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

**Total Credit Hours**: 24

1. Except ECON 388, MGT 388, or MKT 388

### Business Administration, Bachelor of Science

Offered by (p. 294) Department of Management (p. 294)

All College of Business and Technology Graduation Requirements (p. 294) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BSAD 100</td>
<td>Exploring Business</td>
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<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
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</tr>
<tr>
<td>ACCT 251</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 295</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>FIN 308</td>
<td>Principles of Finance</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 311</td>
<td>Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 314</td>
<td>Operations and Supply Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 493</td>
<td>Social Responsibilities of Business: Issues and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 495</td>
<td>Administrative Strategy and Policy</td>
<td>3</td>
</tr>
<tr>
<td>BSAD 400</td>
<td>Professional Readiness</td>
<td>1</td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 355</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>Select 3 credit hours from the following:</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>CYBR 306</td>
<td>Introduction to Predictive Modeling</td>
<td>3</td>
</tr>
<tr>
<td>ECON 365</td>
<td>Business Analytics &amp; Decision Making</td>
<td>3</td>
</tr>
<tr>
<td>MGT 334</td>
<td>Applied Business Analytics</td>
<td>3</td>
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</tbody>
</table>

**Total Credit Hours**: 35

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) | 3
Humanities (p. 464) | 6
Social Sciences (p. 465) | 9
Including:
- ECON 270 | Principles of Economics, Macroeconomics | 3
- ECON 271 | Principles of Economics, Microeconomics | 3
Natural Sciences (p. 464) | 7
Analytical and Quantitative Thought (p. 460) | 3
Including:
- MGT 233 | Business Statistics | 0
Wellness (p. 466) | 0
Capstone | 3
Select one course numbered 388 (p. 461) | 3

### BS Science-related course requirements

- MATH 120 | Finite Mathematics | 3
- or MATH 123 | Applied Calculus I | 3

### Major Option

**Total Credit Hours**: 120

1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.
Business, Marketing, and Information Technology 6-12 Teaching Field Endorsement, Bachelor of Arts in Education Degree

Offered by Department of Management (p. 294)

All College of Business and Technology Graduation Requirements (p. 294) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
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</table>

<table>
<thead>
<tr>
<th>General Studies</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
</tr>
<tr>
<td>Including:</td>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
</tr>
<tr>
<td></td>
<td>MATH 102</td>
<td>College Algebra</td>
</tr>
<tr>
<td></td>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
</tr>
<tr>
<td></td>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
</tr>
<tr>
<td>Portal</td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td>Distribution</td>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
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<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>9</td>
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<tr>
<td>Including:</td>
<td>ECON 270</td>
<td>Principles of Economics, Macroeconomics</td>
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<td></td>
<td>ECON 271</td>
<td>Principles of Economics, Microeconomics</td>
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<tr>
<td></td>
<td>PSCI 110</td>
<td>Introduction to American Politics</td>
</tr>
<tr>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
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<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
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<td></td>
</tr>
<tr>
<td>Wellness (p. 466)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Including:</td>
<td>PE 150</td>
<td>Healthy Wealthy and Wise</td>
</tr>
<tr>
<td>Capstone</td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
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<tr>
<td>Professional Sequence</td>
<td>Complete all required courses</td>
<td>25</td>
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<tr>
<td>Including:</td>
<td>TE 319</td>
<td>Management and Assessment in K-12/ Secondary Classrooms</td>
</tr>
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<td></td>
<td>TE 320</td>
<td>Field Experience in Secondary Classroom</td>
</tr>
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<table>
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<th>Code</th>
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<tbody>
<tr>
<td>Business Administration</td>
<td>FAMS 160</td>
<td>Personal Money Management</td>
<td>3</td>
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<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ACCT 251</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BSAD 295</td>
<td>Business Communications</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MGT 301</td>
<td>Principles of Management</td>
<td>3</td>
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<tr>
<td></td>
<td>ACCT 311</td>
<td>Business Law I</td>
<td>3</td>
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<tr>
<td></td>
<td>or ACCT 413</td>
<td>Entrepreneurial Law</td>
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<tr>
<td>Electives</td>
<td>Select one of the following:</td>
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<td></td>
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<tr>
<td></td>
<td>BSAD 115</td>
<td>Introduction to Business</td>
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<tr>
<td></td>
<td>MGT 400</td>
<td>Entrepreneurship</td>
<td></td>
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<td></td>
<td>MGT 401</td>
<td>Small Business Management</td>
<td></td>
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<tr>
<td>Marketing Requirements</td>
<td>MKT 300</td>
<td>Principles of Marketing</td>
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<tr>
<td></td>
<td>Select 2 of the following:</td>
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<tr>
<td></td>
<td>MKT 331</td>
<td>Professional Selling</td>
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<tr>
<td></td>
<td>MKT 336</td>
<td>Services Marketing</td>
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<td></td>
<td>MKT 420</td>
<td>Retail Management</td>
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<td>MKT 430</td>
<td>International Marketing</td>
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<td>MKT 435</td>
<td>Marketing Research</td>
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<td>MKT 437</td>
<td>Sales Management</td>
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<td>MKT 438</td>
<td>Consumer Behavior</td>
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<tr>
<td></td>
<td>MKT 440</td>
<td>Advertising Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MKT 457</td>
<td>E-Marketing</td>
<td></td>
</tr>
<tr>
<td>Career Education Requirements</td>
<td>BSED 431</td>
<td>Coordinating Techniques</td>
<td>3</td>
</tr>
<tr>
<td>Informational Technology Requirements</td>
<td>CYBR 182</td>
<td>Software Productivity Tools</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BSED 402</td>
<td>Career, Business, and Technology Principles</td>
<td>3</td>
</tr>
<tr>
<td>Take all of the following:</td>
<td>CYBR 182</td>
<td>Software Productivity Tools</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BSED 402</td>
<td>Career, Business, and Technology Principles</td>
<td>3</td>
</tr>
<tr>
<td>Take one of the following:</td>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CYBR 434</td>
<td>Information Technology Teaching Methods</td>
<td></td>
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<tr>
<td>Career Business Education Methods</td>
<td>BSED 470</td>
<td>Career Education Methods</td>
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<tr>
<td>Related Occupational Experience</td>
<td></td>
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</tbody>
</table>
Contact the Chair of Department of Management or the 6-12 Business Teacher Educator for information regarding occupational experience.

Total Credit Hours 45

1 Students must apply for admission to all Teacher Education programs. (p. 404)
2 Except ECON 388.
3 At least one course must be 400-level.

Entrepreneurship Minor
Offered by Department of Management (p. 294)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 400</td>
<td>Entrepreneurship</td>
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<tr>
<td>MGT 401</td>
<td>Small Business Management</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 413</td>
<td>Entrepreneurial Law</td>
<td>3</td>
</tr>
<tr>
<td>or ACCT 312</td>
<td>Commercial Law</td>
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</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT 460</td>
<td>Strategic Product Management</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 445</td>
<td>Diffusion of Innovations</td>
<td>3</td>
</tr>
<tr>
<td>or MGT 405</td>
<td>Creativity and Innovation</td>
<td></td>
</tr>
</tbody>
</table>

Select 2 of the following: 6

- MGT 301 Principles of Management
- MGT 355 Organizational Behavior
- MGT 380 Human Resource Management
- MGT 409 Leadership: Skills, Applications, Research
- MGT 495 Administrative Strategy and Policy
- FIN 308 Principles of Finance
- CYBR 306 Introduction to Predictive Modeling
- MKT 331 Professional Selling
- MKT 336 Services Marketing
- MKT 435 Marketing Research
- MKT 457 E-Marketing
- MUS 310 Music Business
- PSY 203 General Psychology

Total Credit Hours 24

1 A minimum of 6 credit hours must be taken outside the business disciplines (ACCT, ECON, MGT, MKT). Consult your advisor to choose the electives that best meet your career interests.

Health Care Management Minor
Offered by (p. 294) Department of Management (p. 294)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGT 440</td>
<td>Health Care Management I - Managing</td>
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<tr>
<td>MGT 441</td>
<td>Health Care Management II - Managing</td>
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<tr>
<td>BIOL 325</td>
<td>Medical Terminology</td>
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<tr>
<td>ECON 410</td>
<td>Health Care Economics</td>
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<tr>
<td>MGT 450</td>
<td>Health Care Delivery: Systems and Policies</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 24

1 A minimum of 6 credit hours must be taken outside the business disciplines (ACCT, ECON, MGT, MKT). Consult your advisor to choose the electives that best meet your career interests.

Supplemental Endorsement in Work-Based Learning
Offered by Department of Management (p. 294)

This endorsement is a supplemental endorsement, and is designed to be added to an existing teaching certificate. Students must complete one Teaching Subject Endorsement or one Field Endorsement in addition to this Supplemental Endorsement. Persons with this endorsement may teach Cooperative Education - Diversified Occupations and supervise students during on-the-job training. Cooperative Education - Diversified Occupations is a course of instruction which includes teaching job related skills and on-the-job training.
The Department of Marketing, Agribusiness and Supply Chain Management also offers an Agribusiness Comprehensive (p. 306), Bachelor of Science Degree.

For additional areas of emphasis see departments of Accounting, Finance and Economics (p. 147), and Management (p. 294).

Minors in International Business (p. 309), Marketing/Management (p. 309) are available for students pursuing majors in other disciplines.

Greg Broekemier, Chair
Professor: Deborah Bridges, Gregory Broekemier, Srivatsa Seshadri, Frank Tenkorang
Associate Professor: Greg Benson, Ngan Chau, Heather Meyer
Assistant Professor: Ye Su
Senior Lecturer: Marsha Yeagley

Agribusiness (AGBS)

AGBS 110 – Introduction to Agribusiness 2 credit hours
This course focuses on introducing students to the agribusiness sector of the U.S. and developing an understanding of its importance. The agribusiness sector encompasses more than just production agriculture, but also includes the firms that produce and sell goods and services (inputs) to the farming and ranching sector and the firms that handle and process agricultural commodities from the farm gate to the consumer plate. The agribusiness sector provides a diverse set of career paths and opportunities for students. This course is designed to introduce students to the opportunities available in agribusiness and to foster skill development in the basic oral and written communication skills required in the agribusiness field.

AGBS 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.

Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

AGBS 315 – Agribusiness Management 2 credit hours
This course focuses on the role and function of management in the agribusiness sector. The agribusiness sector is diverse and includes firms producing agricultural products, firms providing inputs and services to agricultural producers and all the firms that handle and process agricultural goods from the farm gate to the consumer's plate. This course builds upon the basic management principles and skills learned in MGT 301 by exposing students to the size and scope of the agribusiness sector, the organizational design of the types of businesses common in agriculture (e.g., cooperatives, sole-proprietorship, family owned-corporations, etc.) and the challenges managers face in these business environments.

Prerequisite: ECON 270 and ECON 271 and MGT 301

Department of Marketing, Agribusiness and Supply Chain Management

Department Objectives

• To provide students with high quality undergraduate experiences that will lead to successful completion of Business Administration degrees and appropriate entry level jobs in their chosen careers.
• To provide students with a variety of classroom experiences including lectures, case studies, problem-solving, computer exercises, presentations and role-playing that lead to a thorough understanding of the subject matter. To complement these classroom experiences with learning environments fostering strong student/faculty relationships through advising and mentoring.
• To ensure that students are exposed to both the theory and practice of business by giving them opportunities to apply classroom knowledge to actual situations in the marketplace.
• To develop students’ abilities to perceive and analyze problems and opportunities so that they might apply those techniques in finding solutions throughout their professional careers.

College of Business and Technology Graduation Requirements

• All students graduating with a degree from the College of Business and Technology must take at least 50% of their major area credit hour requirements from the College of Business and Technology at the University of Nebraska at Kearney.
• All students graduating with a degree from the College of Business and Technology must take a minimum of 30 of their last 36 hours of credit needed for their degree from the University of Nebraska at Kearney.
• All students graduating with a degree from the College of Business and Technology are required to complete 3 credit hours of designated Experiential Learning (EL) coursework.

Business Administration Major

The Department of Marketing, Agribusiness and Supply Chain Management offers two emphases in this major:

Business Administration Comprehensive - Bachelor of Science Degree

• Marketing Emphasis (p. 307)
• Supply Chain Management Emphasis (p. 308)
AGBS 398 – Farm and Ranch Management  3 credit hours
This course focuses on the problems faced by farm, ranch, and agribusiness managers, and the decision-making process used in achieving the business’s objective of increasing profit or some other desired goal. Focusing on the application of economic principles to the decision making process, this course provides students with experience in decisions of how much, what, and how to produce; examination of how financial statements and budgeting techniques are used in decision making; and the application of risk analysis and management of risk through investment planning and analysis. 
Prerequisite: ECON 320 and ACCT 250

AGBS 435 – Agricultural Finance  3 credit hours
Financial management in agriculture is concerned not only with the acquisition and use of financial resources, but also the protection of equity capital from various sources of risk. This course focuses on the financial requirements of farms, ranches, and agribusiness firms, and the decision-making process used in evaluating the credit needs and repayment capacity from both the manager’s and lenders perspectives. Focusing on the application of economic principles in making financial decisions, this course provides students with experience in evaluating risk by analyzing financial statements, cash flow budgets, and capital budgets, an understanding of the sources of agricultural credit, and acquaints the student with some of the special issues associated with financial management in the agricultural environment.
Prerequisite: AGBS 398 and FIN 308

AGBS 475 – Agribusiness Internship  1-8 credit hours
A work experience program planned for students preparing for employment in agricultural business. The learning situation is organized and supervised cooperatively by the academic department, CBT Career Center, and personnel of selected agribusiness. Work experience includes an acceptable type of wage earning employment in agribusiness industry approved by the coordinator.
Total Credits Allowed: 8.00
Prerequisite: Minimum GPA of 2.5 and ECON 270 and ECON 271 and additional 6 hours of 300/400 level AGBS and ECON courses.

AGBS 499 – Independent Study and Research in Agribusiness  1-6 credit hours
Individual research under the supervision of a faculty member of the department and approved by the Department Chairman. Topics to be investigated may be tailored to fit the needs of the student.
Total Credits Allowed: 6.00

Marketing (MKT)

MKT 188 – GS Portal  3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

MKT 280H – Special Topics  1-3 credit hours
Total Credits Allowed: 3.00

MKT 300 – Principles of Marketing  3 credit hours
The course will inform students of the theories, principles, and methods involved in the transaction and organized exchange of goods and services. Discussion of the history and evolution of marketing, its present-day challenges, and strategies connected with developing, pricing, promoting, and distributing goods and/or services.
Prerequisite: Sophomore standing

MKT 331 – Professional Selling  3 credit hours
An examination of the role of professional selling as a key component of marketing communications. Various techniques of professional selling and methods for developing long-term relationships with customers are explored, including the use of role-playing.

MKT 336 – Services Marketing  3 credit hours
This course presents concepts and strategies for addressing the distinctive marketing challenges in service industries, including the tourism, hospitality, banking, healthcare, and professional services.
MKT 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

MKT 395 – Field Experiences in Practical Marketing  3 credit hours
The course offers a series of on-site activities designed to allow the student to experience, analyze and develop a marketing plan for an organization in a major market area. Primary and secondary data research emphasizing marketing functions, business interactions, sociocultural relationships and global impact will be utilized. Prerequisite: MKT 300 or permission of instructor

MKT 400 – Advertising Management  3 credit hours
A study of advertising as a marketing function with emphasis on planning and implementing the advertising campaign, creating copy and layouts, media selection, and scheduling. Prerequisite: MKT 300 or permission of instructor

MKT 404 – Person Marketing  3 credit hours
Students will gain the skills to market individuals, i.e., how to take the unique product—a specific person to the marketplace. Students will learn to create SWOT analysis for the person they are marketing using creative problem-solving skills. Students will develop a marketing plan to market themselves. Prerequisite: Senior standing or permission of instructor

MKT 450 – Pharmaceutical Marketing  3 credit hours
Students will gain the skills to market pharmaceuticals, i.e. how to take product science to the marketplace. Student’s analytical, creative, problem-solving decision skills will be enhanced to improve success of product in the marketplace. Students will work on project conducting a market analysis, including a competitor assessment, and a marketing plan for an assigned pharmaceutical drug. Prerequisite: Senior standing or permission of instructor

MKT 456 – Marketing Management  3 credit hours
A capstone marketing course covering market analysis, marketing plan development, execution and control; integrates and builds upon previous specialized marketing courses. Prerequisite: MKT 435 and MKT 438

MKT 457 – E-Marketing  3 credit hours
The pragmatic and theoretical aspects of E-marketing, including E-mail orders and direct response advertising, reassuring and accountability, E-mail lists and data, plus the integration of E-marketing programs into total marketing efforts and into overall organization goals and functions.

MKT 458 – Strategic Product Management  3 credit hours
To develop an awareness and understanding of the issues, tools and techniques used from inception to launch of a product. Prerequisite: MKT 300 or permission of instructor

MKT 460 – Marketing Internship  1-15 credit hours
Department Consent Required

MKT 464 – Marketing Topics  3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.
**Management Information Systems (MIS)**

**MIS 188 – GS Portal** 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 3.00
Prerequisite: First year freshman standing or sophomore standing only.

**MIS 280H – Special Topics-Honors** 1-3 credit hours
Total Credits Allowed: 3.00

**MIS 388 – GS Capstone** 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

**MIS 399 – Business Apprenticeship Program** 1-3 credit hours
The Business Apprenticeship Program is designed to provide students with a variety of experiences which will facilitate competency in their chosen field of study. Students who plan to teach will assist faculty members in preparing bibliographies, in research, in translations, in aiding classroom discussions, in preparing special lectures and programs, in grading and preparing examinations. Must be approved by Department Chair. This course may be repeated to a maximum of 6 credits.
Total Credits Allowed: 18.00

**MIS 475 – Management Information Systems Internship** 1-15 credit hours
A work experience program planned for students preparing for employment in business and industry. The learning situation is supervised by the academic department and personnel of selected industries. Work experience approved by the department.
Total Credits Allowed: 15.00
Prerequisite: Minimum GPA of 2.50 and MIS 302

**MIS 481 – Systems Analysis and Design II** 3 credit hours
This course is a continuation of MIS 381. Students use several software packages as they work through the steps of the system development life cycle with business cases.
Prerequisite: MIS 381

**MIS 489 – Management Information Systems Topics** 3 credit hours
Selected topics and problems of current interest considered in depth. Class discussion and course projects. Topics vary each semester depending upon instructor.

**Supply Chain Management (SCM)**

**SCM 188 – GS Portal** 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

**SCM 304 – Negotiation Fundamentals, Strategies & Tactics** 3 credit hours
This introductory course will explore the fundamental negotiation concepts, practices, and strategies used by supply chain professionals. Concepts will be presented in a manner that involves students directly so they can develop a better understanding of the different types of strategies and tactics used during a negotiation. In addition to traditional power negotiation tactics, students will learn how principled negotiation skills can enhance their ability to resolve issues requiring negotiations both in an effective manner and with integrity.
Prerequisite: Sophomore standing

**SCM 317 – Principles of Supply Chain Management** 3 credit hours
The theories, principles and methods involved in supply chain management with emphasis on creating customer value. Discussion of present day issues and policies related to establishing competitive strategies, market development, brand loyalty, collaborative innovation, and new product launches.
Prerequisite: Sophomore standing

**SCM 402 – Materials Management and Procurement** 3 credit hours
This course presents the basic principles in purchasing and outsourcing and their management as a critical subsystem within an organization. Topics will include purchasing policy and procedures, purchasing strategies, value analysis, materials planning, make-or-buy decisions, vendor management, principles of inventory management, in a wide range of sectors such as wholesalers, retailers, dealerships, manufacturers, government and other service providers in both technical and non-technical industries
Prerequisite: Junior standing

**SCM 403 – Logistics and Transportation** 3 credit hours
Logistics can be defined as the management of goods, services and information flows from the original source of raw materials to the final consumer in a manner which produces customer satisfaction and value. This course will cover many aspects of business logistics including supply chain management, demand management, customer service, transportation, inventory management, warehousing, global logistics and information flow.
Prerequisite: Junior standing
SCM 456 – Supply Chain Management Senior Seminar  3 credit hours
The capstone is specifically designed for students who are about to begin an SCM related career. By examining real-world SCM issues, students will develop and apply those skills required for success in supply chain management related careers. This course is project-intensive, group-oriented, highly participative, and comprehensive.
Prerequisite: SCM 476 and senior standing or permission

SCM 476 – Supply Chain Management Internship  1-9 credit hours
A work experience program planned for students preparing for employment in the field of supply chain management. The learning situation is organized and supervised cooperatively by the academic department and the personnel of approved business partners. Work experience is approved and evaluated by the department.
Department Consent Required

Total Credits Allowed: 9.00
Prerequisite: Junior standing and SCM 317 and approval of instructor

Agribusiness Comprehensive, Bachelor of Science

Offered by Department of Marketing, Agribusiness, and Supply Chain Management (p. 302)

All College of Business and Technology Graduation Requirements (p. 302) must be fulfilled.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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<tr>
<td></td>
<td>MATH 102 College Algebra</td>
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</tr>
<tr>
<td></td>
<td><strong>Portal</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution</strong></td>
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</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
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</tr>
<tr>
<td></td>
<td><em>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</em></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
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<tr>
<td></td>
<td>Humanities (p. 464)</td>
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</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>9</td>
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<td>Including:</td>
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<tr>
<td></td>
<td>ECON 270 Principles of Economics, Macroeconomics</td>
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<tr>
<td></td>
<td>ECON 271 Principles of Economics, Microeconomics</td>
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<td>Natural Sciences (p. 464)</td>
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</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one of the following:</td>
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<tr>
<td></td>
<td>BIOL 103 General Biology</td>
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<tr>
<td></td>
<td>BIOL 105 Biology I</td>
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<tr>
<td></td>
<td>BIOL 106 Biology II</td>
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<tr>
<td></td>
<td>CHEM 145 Introductory Chemistry</td>
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<tr>
<td></td>
<td>CHEM 160 General Chemistry &amp; 160L Laboratory</td>
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</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tr>
<td></td>
<td><strong>Agribusiness Core Requirements</strong></td>
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<tr>
<td>BSAD 100</td>
<td>Exploring Business</td>
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<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
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<td>ACCT 251</td>
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<tr>
<td>BSAD 295</td>
<td>Business Communications</td>
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<tr>
<td>MKT 300</td>
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<td>MGT 301</td>
<td>Principles of Management</td>
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<td>FIN 308</td>
<td>Principles of Finance</td>
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<tr>
<td>ACCT 311</td>
<td>Business Law I</td>
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<tr>
<td>MGT 493</td>
<td>Social Responsibilities of Business: Issues and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>MGT 495</td>
<td>Administrative Strategy and Policy</td>
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<tr>
<td>BSAD 400</td>
<td>Professional Readiness</td>
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<td><strong>Agribusiness Economics Core Requirements</strong></td>
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<td>AGBS 110</td>
<td>Introduction to Agribusiness</td>
<td>2</td>
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<td>AGBS 315</td>
<td>Agribusiness Management</td>
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<tr>
<td>ECON 320</td>
<td>Economic Theory, Intermediate Microeconomics</td>
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<td>AGBS 335</td>
<td>Agricultural Marketing</td>
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<tr>
<td>AGBS 350</td>
<td>Economics of the Agricultural Sector</td>
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<td>AGBS 398</td>
<td>Farm and Ranch Management</td>
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<td>AGBS 415</td>
<td>Agricultural Price Analysis</td>
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<td>AGBS 435</td>
<td>Agricultural Finance</td>
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<td>ECON 321</td>
<td>Economic Theory, Intermediate Macroeconomics</td>
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<tr>
<td>or ECON 322</td>
<td>Money and Banking</td>
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<td><strong>Agribusiness Major Elective Component</strong></td>
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<td>Select 8 credit hours of the following:</td>
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<tr>
<td>ECON 475</td>
<td>Internship</td>
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<td>BIOL 301</td>
<td>Introduction to Soils</td>
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<tr>
<td>BIOL 380</td>
<td>Agronomy</td>
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<tr>
<td>GEOS 301</td>
<td>Geography of Soils</td>
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<tr>
<td>GEOS 321</td>
<td>Economic Geography</td>
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<tr>
<td>GEOS 340</td>
<td>Developing Nations</td>
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Major Option

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<td>ACCT 251</td>
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<td>MKT 300</td>
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<td>3</td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
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<tr>
<td>FIN 308</td>
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<td>3</td>
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<tr>
<td>ACCT 311</td>
<td>Business Law I</td>
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<td>MKT 314</td>
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<tr>
<td>MGT 493</td>
<td>Social Responsibilities of Business: Issues and Ethics</td>
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<td>MGT 495</td>
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<tr>
<td>BSAD 400</td>
<td>Professional Readiness</td>
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Select 3 credit hours from the following:
- CYBR 306 Introduction to Predictive Modeling
- ECON 365 Business Analytics & Decision Making
- MGT 334 Applied Business Analytics

Business Administration Comprehensive Economics, Information Systems and Math Requirements

Select 3 credit hours from the following:
- ECON 300-ECON 498
- ACCT 391 Accounting Information Systems
- CYBR 302 Principles of Management Information Systems

Select 3 credit hours of the following:
- MATH 120 Finite Mathematics
- MATH 123 Applied Calculus I
- CYBR 190 Data Analytics Mathematical Modeling

Marketing Emphasis Requirements

Select 3 of the following:
- MKT 430 International Marketing
- MKT 435 Marketing Research
- MKT 438 Consumer Behavior
- MKT 456 Marketing Management

Select 3 of the following:
- MKT 331 Professional Selling
- MKT 336 Services Marketing
- MKT 395 Field Experiences in Practical Marketing
- MKT 420 Retail Management
- MKT 433 Marketing Channels Management
- MKT 434 Business-to-Business Marketing
- MKT 437 Sales Management
- MKT 440 Advertising Management
- MKT 444 Person Marketing
- MKT 450 Pharmaceutical Marketing
- MKT 457 E-Marketing
- MKT 460 Strategic Product Management
- MKT 474 International Experiential Learning: Marketing
MKT 475  Marketing Internship \(^4\)
MKT 498  Marketing Topics
SCM 317  Principles of Supply Chain Management

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1. Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.
2. 2.0 GPA required
3. Except ECON 388.
4. Students may take a maximum of 3 credit hours.

**Business Administration Comprehensive - Supply Chain Management Emphasis, Bachelor of Science**

Offered by Department of Marketing, Agribusiness, and Supply Chain Management (p. 302)

All College of Business and Technology Graduation Requirements (p. 302) must be fulfilled.

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<td><em>Foundational Core (Written, Math, Oral, Democracy)</em> (  )</td>
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<td>Select one course numbered 188 (p. 465)</td>
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<td>ENG 101  Introduction of Academic Writing</td>
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<td>Humanities (p. 464)</td>
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<td></td>
<td>ECON 270  Principles of Economics, Macroeconomics</td>
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<td>ECON 271  Principles of Economics, Microeconomics</td>
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<td>Natural Sciences (p. 464)</td>
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<td>Analytical and Quantitative Thought (p. 460)</td>
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<td>Wellness (p. 466)</td>
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<td></td>
<td><strong>BS Science-related course requirements</strong></td>
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<td>Complete all required courses</td>
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<td><strong>Unrestricted electives</strong></td>
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Needed to reach 120 credit hour minimum 9

**Total Credit Hours** 120

**Major Option**

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<td>ACCT 251  Principles of Accounting II</td>
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<td>MGT 495  Administrative Strategy and Policy</td>
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<td>BSAD 400  Professional Readiness</td>
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</table>

Select 3 credit hours from the following: 3

- CYBR 306  Introduction to Predictive Modeling
- ECON 365  Business Analytics & Decision Making
- MGT 334  Applied Business Analytics

**Business Administration Comprehensive Economics, Information Systems and Math Requirements**

Select 3 credit hours of the following: 3

- ECON 300-ECON 498 \(^3\)
- ACCT 391  Accounting Information Systems
- CYBR 302  Principles of Management Information Systems

Select 3 credit hours of the following: 3

- MATH 123  Applied Calculus I
- MATH 120  Finite Mathematics
- CYBR 190  Data Analytics Mathematical Modeling

**Supply Chain Management Emphasis Requirements** \(  \)

Select one of the following: 3

- SCM 317  Principles of Supply Chain Management
- SCM 402  Materials Management and Procurement
- SCM 403  Logistics and Transportation
- SCM 476  Supply Chain Management Internship
- SCM 304  Negotiation Fundamentals, Strategies & Tactics
- SCM 456  Supply Chain Management Senior Seminar

Select one of the following: 3

- MKT 331  Professional Selling
- MKT 420  Retail Management
- MKT 430  International Marketing
- MKT 437  Sales Management
- MKT 450  Pharmaceutical Marketing
- MKT 460  Strategic Product Management
- ECON 465  Economics of Transportation
ITEC 353  Industrial Distribution Branch Operations

Total Credit Hours 62

1 Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed.
2 2.0 GPA required.
3 Except ECON 388.

International Business Minor

Offered by Department of Marketing, Agribusiness, and Supply Chain Management (p. 302)

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<th>Code</th>
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<td>ECON 100</td>
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<td>GEOG 341</td>
<td>Geography of Latin America</td>
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<td>GEOG 345</td>
<td>Geography of Europe</td>
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<td>GEOG 347</td>
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<td>HIST 441</td>
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<td>HIST 455</td>
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<td>SOC 410</td>
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<td>3 Except FORL 188.</td>
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Marketing/Management Minor

Offered by Department of Marketing, Agribusiness, and Supply Chain Management (p. 302)

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<td>MGT 355</td>
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<td>MGT 401</td>
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Professional Sales Certificate

Offered by Department of Marketing, Agribusiness, and Supply Chain Management (p. 302)

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<tr>
<td>SCM 304</td>
<td>Negotiation Fundamentals, Strategies &amp; Tactics</td>
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</table>

Total Credit Hours 12

For more information on the certificate of Professional Sales, please contact the MKT/MIS Certificate Program Coordinator, Marsha Yeagley. Email: yeagleym@unk.edu Phone: (308) 865-8345

For detailed information, guidelines, and requirements of UNK’s Certificate Programs, please visit the Academic Affairs (http://www.unk.edu/academic_affairs/certificate-programs.php) page.

Supply Chain Management Certificate

Offered by Department of Marketing, Agribusiness, and Supply Chain Management (p. 302)

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<td>SCM 402</td>
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<td>Logistics and Transportation</td>
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<td>MKT 460</td>
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</table>

Total Credit Hours 15

For more information on the certificate in Supply Chain Management, please contact the SCM Certificate Program Administrator, Dr. Greg Benson. Email: bensonge@unk.edu Phone: (308) 865-8022

For detailed information, guidelines, and requirements of UNK’s Certificate Programs, please visit the Academic Affairs (http://www.unk.edu/academic_affairs/certificate-programs.php) page.

Department of Mathematics and Statistics

Department Objectives

- To prepare students to pursue graduate programs in mathematics or statistics;
- To prepare students for careers in mathematics education;
- To provide entry-level training for those wishing to pursue careers in actuarial science or business;
- To provide the courses to meet the requirements of General Studies;
- To provide the courses to meet the service functions for departments requiring knowledge of mathematics.

Department Policies

- Placement in the proper course is of utmost importance to the student and the Department. The ACT math score is used to place traditional entering freshmen in our entry level college mathematics courses. Consult the departmental course listings for information on minimal ACT math score requirements for our entry level courses.
- Students who have completed a full year of Calculus in high school may start in Calculus II or Calculus III.
• CLEP Examination must be taken before completing higher level courses.
• All majors and endorsements must be completed with no grade below a "C."
• Math 090 credit will not count toward any university degrees.
• Students will not be allowed to earn credit for either MATH 090 or MATH 101 after earning credit for any General Studies mathematics class. Students will not be allowed to earn credit for MATH 102 or MATH 123 after earning credit for MATH 115. Students will not be allowed to earn credit for MATH 102 after earning credit for MATH 123. Students will not be allowed to earn credit for both STAT 235 and STAT 241.

Mathematics Major
Three options are available in this major:

1. Mathematics (p. 315) - Bachelor of Arts Degree
   or Mathematics (p. 316) - Bachelor of Science Degree
2. Mathematics Comprehensive (p. 314) - Bachelor of Science Degree
3. Mathematics 6-12 Teaching Field Endorsement (p. 313) - Bachelor of Science in Education Degree

The minor in Mathematics (p. 315) is available for students pursuing majors in other disciplines. The Elementary Education Major has a specially defined minor in Mathematics (p. 313).

TBD, Chair
Professor: Barton Willis
Associate Professor: Jia Huang, Katherine Kime, Amy Nefesniak, Jacob Weiss
Assistant Professor: Derek Boeckner, Scott Gensler, Theodore Rupnow, Nathan Vander Werf
Senior Lecturer: Julieta Johnston, Margaret Michener, Patty Reifenrath, Kaye Sorensen
Lecturer: Paul Bonk

Mathematics (MATH)

MATH 90 – Elementary Algebra 3 credit hours
This course deals with elementary concepts of algebra which are usually taught at the 9th grade level. Emphasis is placed on developing functional competence in the several areas of algebra which are covered, and the content includes some practical applications. Not a General Studies course. Credit will not count toward any UNK degree. Placement: Math ACT score of 16 or less.

MATH 101 – Intermediate Algebra 3 credit hours
The course which includes a study of the properties of real numbers, polynomials, fundamental operations, factoring, exponents, and radicals, linear and quadratic equations, and other selected topics, all of which are necessary for the study of college algebra. Not a General Studies course. Prerequisite: MATH 090 or Math ACT Score of 17 or greater and one year of high school algebra Students may not enroll in MATH 101 after earning credit for any General Studies Mathematics class.

MATH 102 – College Algebra 3 credit hours
A college level algebra course which includes a study of linear equations and inequalities, relations and functions, graphing of linear and quadratic functions, polynomial and rational functions, logarithmic and exponential functions, systems of equations, matrices, sequences and series, and other selected topics all of which are necessary for the study of calculus. Prerequisite: MATH 101 or Math ACT Score of 20 or greater and two years of high school algebra Students may not enroll in MATH 102 after earning credit for MATH 115 or MATH 123.

MATH 103 – Plane Trigonometry 3 credit hours
Study of trigonometric functions. Prerequisite: MATH 102 or Math ACT Score of 22 or greater and two years of high school algebra

MATH 104 – Concepts in Mathematics and Statistics 3 credit hours
An algebra course designed specifically for students going into elementary education. Many of the topics are similar to topics found in a traditional college algebra course. However, topics from the areas of probability and statistics have been included to give the prospective elementary teacher the necessary background to meet state and national curriculum standards for elementary mathematics. Prerequisite: MATH 101 or Math ACT Score of 20 or greater and 4 years of high school mathematics.

MATH 106 – Mathematics for Liberal Arts 3 credit hours
An enrichment course investigating the structure, aesthetics and philosophy of mathematics and its cultural relevance. Prerequisite: MATH 101 or Math ACT Score of 17 or greater and 2 years of high school algebra.

MATH 115 – Calculus I with Analytic Geometry 5 credit hours
Limits and continuity, differentiation of algebraic and trigonometric functions, elementary integration (with applications) of algebraic and trigonometric functions. Prerequisite: MATH 103 or Math ACT score of 23 or above 4 yrs HS Math including 2 yrs algebra 1 yr geom and sr level precalc. Courses may not enroll in MATH 115 after earning credit for MATH 123.

MATH 120 – Finite Mathematics 3 credit hours
An introduction to modern mathematical concepts, with applications. Includes logic, set theory, probability, vectors, matrices, linear programming, and game theory. Prerequisite: MATH 102 or Math ACT score of 22 or greater and two years of high school algebra.

MATH 123 – Applied Calculus I 3 credit hours
The concepts of calculus with emphasis on applications to the areas of business, biology, economics, and the social and behavioral sciences. Credit cannot be received for both MATH 115 and 123. Prerequisite: MATH 102 or Math ACT score 22/above 4 yrs HS math including 2 yrs algebra 1 yr geom sr level precalc course Students may not enroll in MATH 123 after earning credit for MATH 115.

MATH 202 – Calculus II with Analytic Geometry 5 credit hours
A continuation of MATH 115 including the differentiation and integration of transcendental functions, methods of formal integration with applications, series. Prerequisite: MATH 115 or Math ACT score of 25 or greater and one year of high school calculus.
MATH 230 – Math for Elementary Teachers I  3 credit hours
In this course, preservice teachers develop knowledge of mathematics important for the effective teaching of PK-6 students. The mathematical topics investigated in the course include problem solving, the number system, alternate base systems, operations with whole numbers and integers, introductory number theory concepts, and data analysis. In all of these topics, preservice teachers learn to develop appropriate mathematical explanations, understand student reasoning about mathematics, and communicate mathematical reasoning.
Prerequisite: MATH 102 or MATH 104 or Math ACT score of 20 or greater and four years of high school mathematics including two years of algebra and one year of geometry and a senior level mathematics course.

MATH 250 – Foundations of Math  3 credit hours
Topics of sets and symbolic logic are studied with the objective of using them in the detailed study of the nature of different types of proofs used in mathematics. Also, the processes of problem solving are studied for developing strategies of problem solving.
Prerequisite: MATH 115 or MATH 123

MATH 260 – Calculus III  5 credit hours
Department Consent Required
Prerequisite: MATH 202 or equivalent preparation

MATH 305 – Differential Equations  3 credit hours
Methods of solution and applications of common types of differential equations.
Prerequisite: MATH 260

MATH 310 – College Geometry  3 credit hours
Mathematical systems and re-examination of Euclidean geometry from an advanced viewpoint.
Prerequisite: MATH 250

MATH 330 – Math for Elementary Teachers II  3 credit hours
In this course, preservice teachers further develop knowledge of mathematics important for the effective teaching of PK-6 students. The mathematical topics investigated in the course include operations with rational numbers (e.g., fractions and decimals), proportional reasoning (e.g., percents, ratios), two-dimensional and three-dimensional geometric figures, and measurement (e.g., length, area, volume, angles). In all of these topics, preservice teachers learn to develop appropriate mathematical explanations, understand student reasoning about mathematics, and communicate mathematical reasoning.
Prerequisite: MATH 230

MATH 350 – Abstract Algebra  3 credit hours
An introduction to modern algebra, including a brief study of groups, rings, integral domains and fields.
Prerequisite: MATH 250 or permission of instructor.

MATH 365 – Complex Analysis  3 credit hours
Complex analysis is an introduction to the theory of complex variables and the calculus of analytic functions. Topics covered include the calculus of residues, the Cauchy Integration theorem, and the extension of exponential, logarithmic, and trigonometric functions to the complex plane.
Prerequisite: MATH 260

MATH 399 – Internship  1-4 credit hours
On the job experience designed to complement the major. Internship experiences are available only in selected areas. Consult with the departmental advisor. MATH 399 is a credit/no credit course.
Total Credits Allowed: 4.00

MATH 400 – History of Mathematics  3 credit hours
An introduction to the history of mathematics from its primitive origins to modern-day mathematics.
Prerequisite: MATH 115

MATH 404 – Theory of Numbers  3 credit hours
Properties of integers, congruencies, primitive roots, arithmetic functions, quadratic residues, and the sum of squares.
Prerequisite: MATH 250 or permission of instructor.

MATH 413 – Discrete Mathematics  3 credit hours
Topics include mathematical induction, recursion relations, counting principles, and discrete probability. Additional topics may include graph theory.
Prerequisite: MATH 250

MATH 420 – Numerical Analysis  3 credit hours
The solution of nonlinear equations, interpolation and approximation, numerical integration, matrices and system of linear equations, and numerical solution of differential equations.
Prerequisite: MATH 260 or permission of instructor

MATH 430 – Middle School Mathematics  3 credit hours
Topics will build on the foundations of MATH 230 and MATH 330 be focused toward the middle school math curriculum: algebraic structures including variables and functions, introductory number theory, probability, statistics, geometry, and problem solving.
Prerequisite: MATH 115 or MATH 202 or MATH 230 or MATH 260.

MATH 440 – Linear Algebra  3 credit hours
Vector spaces, linear transformations, matrices, and determinants.
Prerequisite: MATH 115 or MATH 202 or MATH 260

MATH 460 – Advanced Calculus I  3 credit hours
Functions, sequences, limits, continuity, differentiation and integration.
Prerequisite: MATH 250 and MATH 260

MATH 470 – Methods in Middle and High School Mathematics Teaching  3 credit hours
In this course, preservice teachers develop research-based knowledge and instructional practices that facilitate mathematics learning for grades 6-12 students. The topics investigated in the course include mathematics instructional methodology, research literature, diversity and equity, mathematics standards and curricula, assessment, and the development of effective mathematics lesson plans and curricular units. In addition, preservice teachers examine the importance of continuously improving teaching of mathematics through teacher reflection, instructional leadership, and professional development. Prerequisite: MATH 430 and admission to Teacher Education.

MATH 490 – Special Topics in Mathematics  1-3 credit hours
Topics chosen from the areas of mathematics appropriate to the student’s program and will involve both formal lectures and independent study.
Total Credits Allowed: 3.00

MATH 495 – Independent Study in Mathematics  1-3 credit hours
An individual investigation by the student of topics not included in the normal mathematics offerings.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: MATH 260

MATH 496 – Mathematics Seminar  1 credit hour
Topics not included in the normal mathematics offerings are presented by the students.
Prerequisite: MATH 260 or permission of instructor.
Statistics (STAT)

STAT 235 – Introduction to Statistics for Social Sciences 3 credit hours
An introduction to statistics for educational and sociological research. The course will include descriptive statistics, normal distribution and an introduction to correlation and hypothesis testing. Prerequisite: Completion of MATH 101 or MATH 102 or MATH 115 or MATH 123 or Math ACT score of 20 or greater Students may not enroll in STAT 235 after earning credit for STAT 241.

STAT 241 – Elementary Statistics 3 credit hours
An introduction to statistics for sciences and business. The course will include graphing techniques, descriptive statistics, elementary probability models, estimation and hypothesis testing, and an introduction to correlation and regression. Prerequisite: MATH 101 or MATH 102 or MATH 123 or MATH 115 or ACT Math score of 20 or greater

STAT 345 – Applied Statistics I 3 credit hours
Descriptive statistics; statistical inference using the binomial, normal, F and Chi Square distributions; and analysis of variance topics. Recommended for departmental majors as the beginning applied statistics course. Prerequisite: MATH 115 or MATH 123

STAT 399 – Internship 1-4 credit hours
On the job experience designed to complement the major. Internships are available only in selected areas. Consult with departmental advisor. (Credit/No Credit) Total Credits Allowed: 4.00 Prerequisite: MATH 115 or MATH 123

STAT 441 – Probability and Statistics 3 credit hours
The mathematical development of discrete and continuous probability distributions including multivariate distributions, moments and moment generating functions, the special discrete and continuous probability distributions, the normal distribution, sampling distributions, and hypothesis testing. Prerequisite: MATH 260

STAT 442 – Mathematical Statistics 3 credit hours
A continuation of STAT 441. The further mathematical development of special probability densities, functions of random variables, sampling distributions, decision theory, point and interval estimators, hypotheses testing, and covariance. Prerequisite: MATH 260

Statistics (STAT)

STAT 235 – Introduction to Statistics for Social Sciences 3 credit hours
An introduction to statistics for educational and sociological research. The course will include descriptive statistics, normal distribution and an introduction to correlation and hypothesis testing. Prerequisite: Completion of MATH 101 or MATH 102 or MATH 115 or MATH 123 or Math ACT score of 20 or greater Students may not enroll in STAT 235 after earning credit for STAT 241.

STAT 241 – Elementary Statistics 3 credit hours
An introduction to statistics for sciences and business. The course will include graphing techniques, descriptive statistics, elementary probability models, estimation and hypothesis testing, and an introduction to correlation and regression. Prerequisite: MATH 101 or MATH 102 or MATH 123 or MATH 115 or ACT Math score of 20 or greater

STAT 345 – Applied Statistics I 3 credit hours
Descriptive statistics; statistical inference using the binomial, normal, F and Chi Square distributions; and analysis of variance topics. Recommended for departmental majors as the beginning applied statistics course. Prerequisite: MATH 115 or MATH 123

STAT 399 – Internship 1-4 credit hours
On the job experience designed to complement the major. Internships are available only in selected areas. Consult with departmental advisor. (Credit/No Credit) Total Credits Allowed: 4.00 Prerequisite: MATH 115 or MATH 123

STAT 441 – Probability and Statistics 3 credit hours
The mathematical development of discrete and continuous probability distributions including multivariate distributions, moments and moment generating functions, the special discrete and continuous probability distributions, the normal distribution, sampling distributions, and hypothesis testing. Prerequisite: MATH 260

STAT 442 – Mathematical Statistics 3 credit hours
A continuation of STAT 441. The further mathematical development of special probability densities, functions of random variables, sampling distributions, decision theory, point and interval estimators, hypotheses testing, and covariance. Prerequisite: MATH 260

STAT 495 – Independent Study in Statistics 1-3 credit hours
An individual investigation by the student of topics not included in the normal statistics offerings. Department Consent Required Total Credits Allowed: 3.00

Mathematics (Elementary Education) Minor

Offered by Department of Mathematics and Statistics (p. 310)

This program of study is only open to students who are pursuing an Elementary Education Teaching Field Endorsement Bachelor of Arts in Education degree. The optional course MATH 400 has a prerequisite of MATH 115, and STAT 345 has a prerequisite of either MATH 123 or MATH 115.
Mathematics Comprehensive, Bachelor of Science

Offered by Department of Mathematics and Statistics (p. 310)

Applied Mathematics, Computer Science, General Emphases

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
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<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>14</td>
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<tr>
<td></td>
<td>MATH 115  Calculus I with Analytic Geometry ¹</td>
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</tr>
<tr>
<td></td>
<td>Portal</td>
<td></td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
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<td>ENG 101  Introduction of Academic Writing</td>
<td>3</td>
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<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
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<tr>
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<td>Aesthetics (p. 460)</td>
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<td>Humanities (p. 464)</td>
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<td>Natural Sciences (p. 464)</td>
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<td>PHYS 275  General Physics I (Calculus)</td>
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<td>&amp; 275L  and General Physics I (Calculus) Laboratory</td>
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<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
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</tr>
<tr>
<td></td>
<td>Including:</td>
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</tr>
<tr>
<td></td>
<td>CSIT 111 or csit 112 or csit 130</td>
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</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
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<tr>
<td></td>
<td>Capstone</td>
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<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
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<tr>
<td></td>
<td>BS Science-related course requirements</td>
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<td></td>
<td>Complete all required courses</td>
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<tr>
<td></td>
<td>Major Option</td>
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<tr>
<td></td>
<td>Complete all required courses</td>
<td>52-55</td>
</tr>
<tr>
<td></td>
<td>Unrestricted electives</td>
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<td></td>
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</tr>
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<td>Total Credit Hours</td>
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Must be completed with no grade below a "C".

Major Option

<table>
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<tr>
<th>Code</th>
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<tr>
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<td>Math Comprehensive Core Requirements</td>
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<tr>
<td></td>
<td>MATH 202  Calculus II with Analytic Geometry</td>
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<tr>
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<td>MATH 250  Foundations of Math</td>
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</table>
### Mathematics Minor

Offered by Department of Mathematics and Statistics (p. 310)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MATH 115</td>
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</tr>
<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 250</td>
<td>Foundations of Math</td>
<td>3</td>
</tr>
<tr>
<td>MATH 260</td>
<td>Calculus III</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Select 6 hours of the following:

- MATH 305 Differential Equations
- MATH 365 Complex Analysis
- MATH 404 Theory of Numbers
- MATH 413 Discrete Mathematics
- MATH 420 Numerical Analysis
- MATH 440 Linear Algebra
- STAT 345 Applied Statistics I
- STAT 441 Probability and Statistics
- STAT 442 Mathematical Statistics

Total Credit Hours: 24

1. Students who plan a Computer Science Emphasis are advised to take CSIT 130.
2. Except CSIT 188, CSIT 388, PHYS 188, PHYS 388

### Mathematics, Bachelor of Arts

Offered by Department of Mathematics and Statistics (p. 310)

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>MATH 115</td>
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<tr>
<td>MATH 202</td>
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<tr>
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<td>3</td>
</tr>
<tr>
<td>MATH 260</td>
<td>Calculus III</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Select 3-6 credit hours of the following:

- MATH 305 Differential Equations
- MATH 365 Complex Analysis
- MATH 404 Theory of Numbers
- MATH 413 Discrete Mathematics
- MATH 420 Numerical Analysis
- MATH 440 Linear Algebra
- STAT 345 Applied Statistics I
- STAT 441 Probability and Statistics
- STAT 442 Mathematical Statistics

Total Credit Hours: 24

1. Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

Capstone

Select one course numbered 388 (p. 461) 3

BA Language requirement

Complete all required courses 2 6

Major Option

Complete all required courses 34

Minor or 2nd Major

Complete all required courses 3 24

Unrestricted electives

Needed to reach 120 credit hour minimum 9

Total Credit Hours 120

Must be completed with no grade below a "C".

### Major Option

<table>
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<tr>
<th>Code</th>
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<tr>
<td>MATH 305</td>
<td>Differential Equations</td>
<td>3</td>
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<td>MATH 350</td>
<td>Abstract Algebra</td>
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<td>MATH 460</td>
<td>Advanced Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 441</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Select 6 credit hours of the following: 6

- MATH 300-MATH 499 4
- STAT 300-STAT 499

**Total Credit Hours** 34

---

1. Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103

2. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

3. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

4. Except MATH 330, MATH 440 or MATH 470.

---

### Mathematics, Bachelor of Science

Offered by Department of Mathematics and Statistics (p. 310)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>

#### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 14

Including:

- MATH 115 Calculus I with Analytic Geometry 1

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

**ENG 101 Introduction of Academic Writing** 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

**Capstone**

Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**

Complete all required courses 0

**Major Option**

Complete all required courses 34

**Minor or 2nd Major**

Complete all required courses 2 24

**Unrestricted electives**

Needed to reach 120 credit hour minimum 15

**Total Credit Hours** 120

Must be completed with no grade below a "C".

---

### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<td>3</td>
</tr>
<tr>
<td>STAT 441</td>
<td>Probability and Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Electives**

Select 6 credit hours of the following: 6

- MATH 300-MATH 499 4
- STAT 300-STAT 499

**Total Credit Hours** 34

---

1. Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103

2. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

3. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

4. Except MATH 330, MATH 440 or MATH 470.
Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Except MATH 330, MATH 440 or MATH 470.

Department of Modern Languages

Department Objectives

- To teach students to communicate in a language other than their own;
- To encourage students to develop a deeper understanding of foreign cultures through the study of languages, linguistics, literatures and civilizations (on campus and abroad);
- To help students gain language proficiency for careers in business, international affairs, translation/interpretation, communications, law, social work, criminal justice, and travel, as well as for advanced professional degrees;
- To prepare students to be successful teachers of languages, cultures and literatures—teachers who can expand their students' awareness of the interconnectedness of today's world;
- To offer graduate level education in foreign languages for teachers who want to pursue studies at an advanced level;
- To give students the background necessary for graduate study.

Retroactive Credit Policy

Students entering UNK with a particularly high level of achievement in Modern Languages may be awarded credit upon completion of a "validating" course at UNK.

The Department of Modern Languages will allow credit, assigned retroactively, for French/German/Japanese/Spanish after the completion of a validating course in French/German/Japanese/Spanish and subject to the following conditions:

1. The validating course must be the first college level course completed in French, German, Japanese or Spanish and must be taken at the University of Nebraska at Kearney.
2. Confirming course numbers for French, German, or Spanish are 201, 205 or an approved 300-400 level (excludes Phonetics, Study Abroad, 388) foreign language course at UNK.
3. Confirming course numbers for Japanese are 200 and 201.
4. The student must receive a letter grade of "B-" or better in the validating course and may not repeat the course for the purpose of requesting credits under this policy.
5. A maximum of 9 credits may be granted in any one language.

After the successful completion of the confirming course students must report to the Chair of the Department of Modern Languages (Thomas Hall, Room 215) with a copy of their grades. The instructor of the confirming course as well as the chair will sign the "request for retroactive credit" form, which will then have to be taken to the registrar's office for finalization of the process.

Modern Languages Major

Two options are available in this major:

1. Modern Languages (p. 324) - Bachelor of Arts Degree
2. Modern Languages 7-12 Teaching Subject Endorsement (p. 323) - Bachelor of Arts in Education

Spanish Major

One option is available in this major:

1. Spanish Translation and Interpretation Comprehensive (p. 326) - Bachelor of Science Degree

The minors in French (p. 323), German (p. 323), Japanese (p. 323), and Spanish (p. 326) are available for students pursuing majors in other disciplines.

Jonathan Dettman, Chair

German

Lecturer: Franziska Brech

Spanish

Associate Professor: Jonathan Dettman

Chinese (CHN)

CHIN 100 – Beginning Chinese I 5 credit hours
Introduction to Chinese language.

CHIN 101 – Beginning Chinese II 5 credit hours
Oral practice on topics related to daily life and to performing specific tasks.
Prerequisite: CHIN 100
Foreign Language (FORL)

FORL 110 – Introduction to a Language & Culture 1-3 credit hours
This course is an introduction to a particular language of the world (e.g. Arabic, Russian) and the culture associated with it. The language chosen will not be one that UNK regularly offers, nor will this one semester course count for General Studies credit or for the B.A. requirement. May be taken for two different languages.
Total Credits Allowed: 3.00

FORL 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

FORL 280H – Special Topics - Honors 3 credit hours

FORL 300A – Foreign Language Practicum 1 credit hour
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.

FORL 300B – Foreign Language Practicum 1-2 credit hours
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.
Total Credits Allowed: 2.00

FORL 300C – Foreign Language Practicum 1-3 credit hours
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.
Total Credits Allowed: 3.00

FORL 300D – Foreign Language Practicum 1-4 credit hours
Foreign language internship teaching at the elementary school level. Students will be assigned to a specific school and teacher(s). Four hours of cumulative credits may be earned.
Total Credits Allowed: 4.00

FORL 308 – Seminar in Translation I 3 credit hours
Teaches the theory and practice of translation. Prerequisite: A 300 or 400 level course in Spanish except SPAN 302 or SPAN 388 or instructor consent.

FORL 309 – Seminar in Translation II 3 credit hours
Continues the study of translation theory and practice. Prerequisite: FORL 308 or instructor consent

FORL 337 – Seminar on Foreign Film 3 credit hours
The study of a series of films produced in France and/or Francophone countries, German-speaking countries, Spain and/or Latin America (or a combination thereof). (Generally taught concurrently with FREN 337, GERM 337 or SPAN 337.)

FORL 357 – Seminar on Women in a Foreign Literature 3 credit hours
A study of women writers from France and/or Francophone countries, German-speaking countries, Spain and/or Latin America or a study of the depiction of women in one or more of these literatures. (Generally taught concurrently with FREN 357, GERM 357 or SPAN 357.)

FORL 401 – Multicultural Understanding 1 credit hour
Designed to enable the future classroom teacher to promote multicultural understanding through varied learning experiences focusing on language and cultural diversity.

FORL 409 – Interpretation I 3 credit hours
A study of interpretation theory and intensive practice of interpretation skills. Prerequisite: A 300 or 400 level course in Spanish except SPAN 302 or SPAN 388 or one of FORL 308 or FORL 309 or FORL 410

FORL 410 – Interpretation II 3 credit hours
A companion course to FORL 409, Interpretation I, with more practice in consecutive interpreting and working in both directions. Prerequisite: A 300 or 400 level course in Spanish except SPAN 302 or SPAN 388 or one of FORL 308 or FORL 309 or FORL 409

FORL 411 – Practicum in Translation/Interpretation 3 credit hours
This course will focus on the continued development of translation and/or interpretation skills through 60 hours of practical work in translation and/or interpretation. Prerequisite: FORL 410

FORL 470 – TESOL 3 credit hours
Theoretical foundations and sociolinguistic context of ESL teaching.

FORL 472 – Foreign Language Pedagogy 3 credit hours
Current trends in foreign language teaching and learning with emphasis on theory and practice. Prerequisite: Admission to Teacher Education or department permission

FORL 480 – Modern Languages Seminar 3 credit hours
The Modern Languages Seminar course, aiming for a synthesis of acquired knowledge in the discipline, culminates the language major. It includes a semester-long final project, demonstrating the ability to make connections between research about pertinent contexts and contemporary issues. Taken in the senior year, the course may also encompass a one credit hour study abroad, service learning, or internship component. Prerequisite: Senior standing or consent of department

FORL 499 – Independent Studies in Foreign Languages 1-3 credit hours
Directed research in foreign language education and methodology or translation. Students are not to take this course when a class course is available. Department Consent Required
Total Credits Allowed: 18.00

French (FREN)

FREN 100 – Beginning French I 3 credit hours
Elementary grammar, conversation, reading and composition in French.

FREN 101 – Beginning French II 3 credit hours
A continuation of FREN 100. Prerequisite: FREN 100 or equivalent

FREN 102 – French for Travel 3 credit hours
A course for renewing or gaining practical speaking skill in French for the prospective business person or traveler to French-speaking countries.
FREN 175 – French Study Abroad I  3-6 credit hours  
A beginning level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00

FREN 176 – French Study Abroad I  3-6 credit hours  
A beginning level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00

FREN 200 – Intermediate French I  3 credit hours  
Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world.  
Prerequisite: FREN 101 or equivalent

FREN 201 – Intermediate French II  3 credit hours  
Review of grammar combined with conversation and short readings on cultural and literary topics of the French and Francophone world.  
Prerequisite: FREN 101 or equivalent

FREN 205 – Culture, Conversation, and Composition  3 credit hours  
Conversation based on cultural and literary texts, with simple composition.  
Prerequisite: FREN 200 and FREN 201 or equivalent

FREN 275 – French Study Abroad II  3-6 credit hours  
An intermediate level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: FREN 101 or equivalent

FREN 276 – French Study Abroad II  3-6 credit hours  
An intermediate level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: FREN 101 or equivalent

FREN 303 – French Phonetics  3 credit hours  
Practice in developing native pronunciation with emphasis on correcting difficulties encountered by Americans.  
Prerequisite: 200 level FREN course

FREN 305 – Study of French Civilization  3 credit hours  
French life, institutions and philosophies, intended as a background for further studies in French literature.  
Prerequisite: FREN 201

FREN 308 – Advanced French Grammar  3 credit hours  
Designed to provide students with a thorough grammar review. Extensive practice with progressively challenging tasks will be combined with reading and writing activities.  
Prerequisite: FREN 201 or equivalent

FREN 309 – Foundations of Literacy  3 credit hours  
A systematic approach to understanding different styles of texts, including traditional literary genres such as narrative, poetry and theater, but also news media, essays, social media, blogs, cinema, and so on. Students will focus on the continuing development of oral fluency toward narration / elaboration and paragraph-length discourse built around extensive reading, and will receive specific writing tasks related to the readings. Grammar is reviewed only on an as-needed basis.  
Prerequisite: FREN 201 or equivalent

FREN 310 – Cultural History I  3 credit hours  
A multi-faceted approach to French civilization, focusing on key periods and cultural products from the Middle Ages through the French Revolution. The study of socio-political and intellectual developments will be combined with the analysis representative literature and art works, as well as film and documentaries.  
Prerequisite: FREN 201 or equivalent

FREN 311 – Cultural History II  3 credit hours  
A multi-faceted approach to French civilization and its expansion into the French-speaking world, focusing on key periods and cultural products from the nineteenth century to the present. The study of socio-political and intellectual developments will be combined with the analysis of representative literature and art works, as well as film and documentaries.  
Prerequisite: FREN 201 or equivalent

FREN 333 – Commercial French  3 credit hours  
A course for students who wish to master the essential vocabulary and style specific to business in France and the Francophone world.  
Prerequisite: FREN 201

FREN 337 – Seminar on French/Francophone Film  3 credit hours  
The study of a series of films produced in France and/or Francophone countries.  
Prerequisite: FREN 201

FREN 354 – Survey of French Literature I  3 credit hours  
Chronological study of landmarks in literature from the Middle Ages to 1750. It is highly recommended that students take these survey courses before other courses in literature.  
Prerequisite: FREN 201

FREN 355 – Survey of French Literature II  3 credit hours  
Continuation of 354-a continuation of the study of important literary works, authors and movements in literature.  
Prerequisite: FREN 201

FREN 357 – Seminar on Women in French/Francophone Lit  3 credit hours  
A study of women writers from France and/or Francophone countries or a study of the depiction of women in one or more of these literatures.  
Prerequisite: FREN 201

FREN 375 – French Study Abroad III  3-6 credit hours  
An intermediate-high or advanced level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: FREN 201 or equivalent

FREN 376 – French Study Abroad III  3-6 credit hours  
An intermediate-high or advanced level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: FREN 201 or equivalent

FREN 414 – Advanced French Conversation  3 credit hours  
An advanced course in French conversation designed to advance the student in oral proficiency. Contemporary cultural topics.  
Prerequisite: FREN 201 or equivalent

FREN 420 – French Novel I  3 credit hours  
The novel and study of its development in France (1600-1850).  
Prerequisite: FREN 201

FREN 421 – French Novel II  3 credit hours  
The study of the novel from 1850 to the present. (May be taken without 420.)  
Prerequisite: FREN 201
FREN 460 – History of French Language  3 credit hours  
A study of the development of the language since its origins and as related to the phonetic and linguistic changes throughout the different literary periods in France and the Francophone world.  
Prerequisite: FREN 303 and FREN 308

FREN 470 – Seminar in French/ Francophone Studies  3 credit hours  
The study of literary works and cultural contexts. Topic to be selected and announced in schedule of courses. May be taken more than once.  
Total Credits Allowed: 6.00  
Prerequisite: FREN 201 or equivalent

FREN 475 – French Study Abroad IV  3-6 credit hours  
An advanced level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: 300 level FREN course

FREN 476 – French Study Abroad IV  3-6 credit hours  
An advanced level study of French language and culture taught in a French-speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: 300 level FREN course

FREN 499 – Independent Studies in French 1-3 credit hours  
Independent research under the direction of a faculty member. Students are not to take this course when a class course is available. Department Consent Required  
Total Credits Allowed: 6.00

German (GERM)

GERM 100 – Beginning German I  3 credit hours  
Elementary course dealing with basic vocabulary, grammar and conversation.

GERM 101 – Beginning German II  3 credit hours  
Continuation of GERM 100 on a more advanced level.  
Prerequisite: GERM 100 or equivalent

GERM 175 – German Study Abroad I  3-6 credit hours  
A beginning level study of German language and culture taught in a German-speaking country.  
Total Credits Allowed: 6.00

GERM 176 – German Study Abroad I  3-6 credit hours  
A beginning level study of German language and culture taught in a German-speaking country.  
Total Credits Allowed: 6.00

GERM 200 – Intermediate German I  3 credit hours  
Grammar review, reading for understanding, conversation and composition practice.  
Prerequisite: GERM 101 or equivalent

GERM 201 – Intermediate German II  3 credit hours  
Grammar review, reading for understanding, conversation and composition practice.  
Prerequisite: GERM 101 or equivalent

GERM 205 – Culture, Conversation and Composition  3 credit hours  
Conversation based on cultural and literary texts, with simple composition.  
Prerequisite: GERM 200 or equivalent

GERM 275 – German Study Abroad II  3-6 credit hours  
An intermediate level study of German language and culture taught in a German speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: GERM 101 or equivalent

GERM 276 – German Study Abroad II  3-6 credit hours  
An intermediate level study of German language and culture taught in a German speaking country.  
Total Credits Allowed: 6.00  
Prerequisite: GERM 101 or equivalent

GERM 301 – Novelle 3 credit hours  
The development of the Novelle, important writers and their works.  
Prerequisite: GERM 201 or equivalent

GERM 302 – Phonetics & History of German  3 credit hours  
A theoretical and practical study of the German sound system and the historical development of the language.  
Prerequisite: GERM 200 or equivalent

GERM 304 – Advanced Composition and Conversation I  3 credit hours  
Advanced course designed to take the student beyond functional abilities of the intermediate level.  
Prerequisite: GERM 201 or equivalent

GERM 305 – German Civilization  3 credit hours  
German life, institutions, and ideas as a background for further study of literature.  
Prerequisite: GERM 201 or equivalent

GERM 306 – Contemporary German-Speaking Culture  3 credit hours  
Study of political, social, economic and cultural life in modern German-speaking countries.  
Prerequisite: GERM 201 or instructor permission

GERM 308 – Advanced German Grammar  3 credit hours  
Designed to provide students with a thorough grammar review. Extensive practice with progressively challenging tasks will be combined with reading and writing activities.  
Prerequisite: GERM 201 or equivalent

GERM 309 – Foundations of Literacy  3 credit hours  
A systematic approach to understanding different styles of texts, including traditional literary genres such as narrative, poetry and theater, but also news media, essays, social media, blogs, cinema, and so on. Students will focus on the continuing development of oral fluency toward narration / elaboration and paragraph-length discourse built around extensive reading, and will receive specific writing tasks related to the readings. Grammar is reviewed only on an as-needed basis.  
Prerequisite: GERM 201 or equivalent

GERM 310 – Cultural History I  3 credit hours  
A multi-faceted approach to German-speaking civilization, focusing on key periods and cultural products from pre-historical times through the 18th century. The study of socio-political and intellectual developments will be combined with the analysis representative literature and art works, as well as film and documentaries.  
Prerequisite: GERM 201 or equivalent

GERM 311 – Cultural History II  3 credit hours  
A multi-faceted approach to German-speaking civilization, focusing on key periods and cultural products from the 19th century to the present. The study of socio-political and intellectual developments will be combined with the analysis representative literature and art works, as well as film and documentaries.  
Prerequisite: GERM 201 or equivalent
GERM 333 – Commercial German  3 credit hours
This course focuses upon the development of German language skills and accompanying cultural awareness that can be utilized to conduct business with German-speaking countries.
Prerequisite: GERM 201 or instructor permission

GERM 337 – Seminar on German Film  3 credit hours
The study of German-speaking film.
Prerequisite: GERM 201

GERM 354 – Survey of German Literature  3 credit hours
Chronological survey of periods and major authors in German literature.
Prerequisite: GERM 201 or equivalent

GERM 375 – German Study Abroad III  3-6 credit hours
An intermediate high level study of German language and culture taught in a German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: GERM 201 or equivalent

GERM 376 – German Study Abroad III  3-6 credit hours
An intermediate high level study of German language and culture taught in a German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: GERM 201 or equivalent

GERM 414 – Advanced Composition and Conversation II  3 credit hours
Oral and written advanced level German. Intensive use of idiomatic expressions and conversational patterns.
Prerequisite: GERM 201 or equivalent

GERM 470 – Seminar in German Studies  3 credit hours
The study of literary works and cultural contexts. Topics are selected and announced with the schedule of courses. May be taken more than once.
Total Credits Allowed: 6.00
Prerequisite: GERM 201 or equivalent

GERM 475 – German Study Abroad IV  3-6 credit hours
An advanced level study of German language and culture taught in a German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: 300 level German course

GERM 476 – German Study Abroad IV  3-6 credit hours
An advanced level study of German language and culture taught in a German-speaking country.
Total Credits Allowed: 6.00
Prerequisite: 300 level German course

GERM 499 – Independent Studies in German  1-3 credit hours
Independent research under the direction of a faculty member. Students are not to take this course when a class course is available.
Department Consent Required
Total Credits Allowed: 6.00

Japan (JAPN)

JAPN 100 – Beginning Japanese I  3 credit hours
Introduction to Japanese language.

JAPN 101 – Beginning Japanese II  3 credit hours
Oral practice on topics related to daily life and to performing specific tasks.
Prerequisite: JAPN 100

JAPN 200 – Intermediate Japanese I  3 credit hours
A continuation of the study of Japanese.
Prerequisite: JAPN 101 or equivalent

JAPN 201 – Intermediate Japanese II  3 credit hours
A continuation of the study of Japanese.
Prerequisite: JAPN 200

Spanish (SPAN)

SPAN 100 – Beginning Spanish I  3 credit hours
Elementary course dealing with basic vocabulary, grammar and conversation and culture.

SPAN 101 – Beginning Spanish II  3 credit hours
Continuation of SPAN 100 on a more advanced level.
Prerequisite: SPAN 100 or equivalent.

SPAN 102 – Practical Spanish  3 credit hours
A course for renewing or gaining practical speaking skill in Spanish for the prospective business person or traveler to Spanish-speaking countries.

SPAN 103 – Spanish for Special Purposes  1-3 credit hours
A course designed by the instructor for specific professions or other groups (for medical or law enforcement personnel, teachers, construction managers, etc.) and will vary according to the target group. It emphasizes pertinent vocabulary and phrases which can aid the students as they communicate professionally with Spanish speakers whose knowledge of English is very limited.
Total Credits Allowed: 4.00

SPAN 175 – Spanish Study Abroad I  3-6 credit hours
A beginning level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00

SPAN 176 – Spanish Study Abroad I  3-6 credit hours
A beginning level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00

SPAN 200 – Intermediate Spanish I  3 credit hours
Grammar review, reading for understanding, conversation practice, and composition practice.
Prerequisite: SPAN 101 or equivalent

SPAN 201 – Intermediate Spanish II  3 credit hours
A continuation of SPAN 200, with an emphasis on reading and conversation.
Prerequisite: SPAN 200 or equivalent

SPAN 205 – Culture, Conversation and Composition  3 credit hours
Conversation on cultural and literary topics on the intermediate level and simple composition.
Prerequisite: SPAN 201 or equivalent

SPAN 275 – Spanish Study Abroad II  3-6 credit hours
An intermediate low level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00
Prerequisite: SPAN 101 or equivalent

SPAN 276 – Spanish Study Abroad II  3-6 credit hours
An intermediate low level study of Spanish language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00
Prerequisite: SPAN 101 or equivalent

SPAN 302 – Spanish Phonetics/Phonology  3 credit hours
A theoretical and practical study of the Spanish sound system with the intention of improving the students’ pronunciation.
Prerequisite: SPAN 201 or equivalent
SPAN 304 – Advanced Conversation and Composition  3 credit hours
An advanced course in Spanish conversation designed to take the student beyond the functional ability gained in the lower level conversation course. Prerequisite: SPAN 205 or equivalent

SPAN 305 – Spanish Civilization  3 credit hours
Life, customs and institutions of Spain, primarily as a basis for advanced courses in literature. Prerequisite: SPAN 205 or equivalent

SPAN 306 – Survey of Spanish Literature I  3 credit hours
Survey of principal works in Spanish literature to 1680. Prerequisite: SPAN 205 or equivalent

SPAN 307 – Survey of Spanish Literature II  3 credit hours
Study of principal Spanish works from 1680 to the present. Prerequisite: SPAN 205 or equivalent

SPAN 308 – Advanced Spanish Grammar  3 credit hours
Thorough grammar review. Extensive practice with progressively challenging tasks will be combined with reading and writing activities. Prerequisite: SPAN 205 or equivalent

SPAN 309 – Foundations of Literacy  3 credit hours
A systematic approach to understanding different styles of texts, including traditional literary genres such as narrative, poetry and theater, but also news media, essays, social media, blogs, cinema, and so on. Students will focus on the continuing development of oral fluency toward narration / elaboration and paragraph-length discourse built around extensive reading, and will receive specific writing tasks related to the readings. Grammar is reviewed only on an as-needed basis. Prerequisite: SPAN 205 or equivalent

SPAN 310 – Cultural History of Spain & Latin America I  3 credit hours
Study of major periods and key cultural products from Medieval Iberia and Precolombian America until the 19th century. Selected works will illustrate the social, economic, and cultural history of the Iberian Peninsula and the Americas. Students will acquire a comprehensive knowledge of the way in which the transatlantic dynamic shaped political and artistic movements on both continents. Prerequisite: Completion of, or concurrent enrollment in, SPAN 308 or SPAN 309

SPAN 311 – Cultural History of Spain & Latin America II  3 credit hours
Study of major periods and key cultural products from Iberia and Latin America from the 19th century to the present. Selected works will illustrate the social, economic and cultural history of both the Iberian Peninsula and the Americas. Students will acquire a comprehensive knowledge of the way in which the transatlantic dynamic shaped, and continues to shape, political and artistic movements on both continents. Prerequisite: Completion of, or concurrent enrollment in, SPAN 308 or SPAN 309

SPAN 333 – Commercial Spanish  3 credit hours
This course is for students who wish to master the essential vocabulary and style specific to Spanish business. Prerequisite: SPAN 201 or equivalent

SPAN 337 – Seminar on Hispanic Film  3 credit hours
The study of a series of films produced in Spain and/or Latin America. Prerequisite: SPAN 205 or equivalent

SPAN 357 – Seminar on Women in Hispanic Literature  3 credit hours
A study of women writers from Spain and/or Latin America or a study of the depiction of women in one or more of these literatures. Prerequisite: SPAN 205 or equivalent

SPAN 360 – Latin American Civilization  3 credit hours
Life, customs and institutions of Latin America, primarily as a basis for advanced courses in literature. Prerequisite: SPAN 205 or equivalent

SPAN 375 – Spanish Study Abroad III  3-6 credit hours
An intermediate high level study of Spanish language and culture taught in a Spanish-speaking country. Total Credits Allowed: 6.00 Prerequisite: SPAN 201 or equivalent

SPAN 376 – Spanish Study Abroad III  3-6 credit hours
An intermediate high level study of Spanish language and culture taught in a Spanish-speaking country. Total Credits Allowed: 6.00 Prerequisite: SPAN 201 or equivalent

SPAN 400 – Golden Age Drama  3 credit hours
Study of dramatists of the Golden Age of Spanish Literature. Prerequisite: SPAN 205 or equivalent

SPAN 401 – Modern Hispanic Drama  3 credit hours
Spanish and/or Latin American dramatists of the 19th and 20th centuries. Prerequisite: SPAN 205 or equivalent

SPAN 408 – Comparative Grammar  3 credit hours
A comparative and contrastive study of the structures of Spanish and English. Prerequisite: SPAN 308 or permission of instructor

SPAN 419 – Short Story  3 credit hours
Short story in Spanish and/or Latin American literature. Prerequisite: SPAN 205 or equivalent

SPAN 420 – Spanish Novel  3 credit hours
The novels of Spain from the generation of 1898 to the present. Prerequisite: SPAN 205 or equivalent

SPAN 421 – Latin American Novel  3 credit hours
Principal works by well-known Latin American novelists of the 20th century. Prerequisite: SPAN 205 or equivalent

SPAN 425 – Modern Hispanic Poetry  3 credit hours
Contemporary poetry of Spain and Latin America. Prerequisite: SPAN 205 or equivalent

SPAN 430 – Survey of Latin American Literature  3 credit hours
Survey of literary movements, outstanding authors, and representative prose and poetic works of Latin America from the Colonial period to the present day. Prerequisite: SPAN 205 or equivalent

SPAN 435 – Cervantes  3 credit hours
The principal works of Cervantes with special emphasis on Don Quixote. Prerequisite: SPAN 205 or equivalent

SPAN 460 – History of the Spanish Language  3 credit hours
A study of the development of the Spanish language from its beginnings to the present time. Prerequisite: SPAN 201 or equivalent

SPAN 470 – Seminar in Spanish/Latin American Studies  3 credit hours
The study of literary works and cultural contexts. Topic to be selected and announced in the schedule of courses. May be taken more than once. Total Credits Allowed: 12.00 Prerequisite: SPAN 205 or equivalent
SPAN 475 – Spanish Study Abroad IV  3-6 credit hours
An advanced level study of the language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00
Prerequisite: A 300 level Spanish course

SPAN 476 – Spanish Study Abroad IV  3-6 credit hours
An advanced level study of the language and culture taught in a Spanish-speaking country.
Total Credits Allowed: 6.00
Prerequisite: A 300 level Spanish course

SPAN 499 – Independent Studies in Spanish  1-3 credit hours
Independent study under the direction of a faculty member. Students are not to take this course when a class course is available.
Department Consent Required
Total Credits Allowed: 6.00

French Minor
Offered by Department of Modern Languages (p. 317)

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<td>FREN 308</td>
<td>Advanced French Grammar</td>
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<td>FREN 309</td>
<td>Foundations of Literacy</td>
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<td>FREN 310</td>
<td>Cultural History I</td>
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<td>or FREN 311</td>
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Electives
Select 6 credit hours of the following: 6
Select 3-6 credit hours of the following:
FREN 275-FREN 276
FREN 305-FREN 499

Total Credit Hours 24

German Minor
Offered by Department of Modern Languages (p. 317)

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Electives
Select 6 credit hours of the following: 6
Select 3-6 credit hours of the following:
GERM 275-GERM 276
GERM 301-GERM 499

Total Credit Hours 24

Japanese Minor
Offered by Department of Modern Languages (p. 317)

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<tr>
<td>JAPN 100</td>
<td>Beginning Japanese I</td>
<td>3</td>
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<tr>
<td>JAPN 101</td>
<td>Beginning Japanese II</td>
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<tr>
<td>JAPN 200</td>
<td>Intermediate Japanese I</td>
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</tr>
<tr>
<td>JAPN 201</td>
<td>Intermediate Japanese II</td>
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</tr>
</tbody>
</table>

Electives
Take 12 hours from a partner university in Japan. 1

Total Credit Hours 24

1  See Department Chair for requirements.

Modern Languages 7-12 Teaching Subject Endorsement
Offered by Department of Modern Languages (p. 317)
For departmental assessment purposes, all majors will be required to complete a comprehensive examination in their declared language emphasis (French, German, or Spanish) during their final semester.

Bachelor of Arts in Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>General Studies</td>
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<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<tr>
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<td>Foundational Core courses (p. 460)</td>
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<tr>
<td></td>
<td>Distribution</td>
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<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
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</table>

Portal
Select one course numbered 188 (p. 465) 3

Distribution
ENG 101 Introduction to American Politics 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Natural Sciences (p. 464) 7
Modern Languages, Bachelor of Arts

Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 3
Including:
- PE 150 Healthy Wealthy and Wise

Capstone
Select one course numbered 388 (p. 461) 3

Professional Sequence
Complete all required courses 1 25
Including:
- TE 319 Management and Assessment in K-12/Secondary Classrooms
- TE 320 Field Experience in Secondary Classroom

Endorsement
Complete all required courses 36

Unrestricted electives
Needed to reach 120 credit hour minimum 10

Total Credit Hours 120

Endorsement
Code Title Credit Hours
Modern Languages Teaching Subject Endorsement Requirements
FORL 472 Foreign Language Pedagogy 3
FORL 480 Modern Languages Seminar 3

Modern Languages Teaching Subject Supporting Courses
Select one of the following: 30
French Emphasis (p. 324)
German Emphasis (p. 324)
Spanish Emphasis (p. 324)

Total Credit Hours 36

French Emphasis
Code Title Credit Hours
FREN 200 Intermediate French I 3
FREN 201 Intermediate French II 3
FREN 205 Culture, Conversation, and Composition 3
FREN 308 Advanced French Grammar 3
FREN 309 Foundations of Literacy 3
FREN 310 Cultural History I 3
FREN 311 Cultural History II 3
Select 9 credit hours of the following: 9
FREN 275 French Study Abroad II
FREN 276 French Study Abroad II
FREN 300-499

Total Credit Hours 30

Spanish Emphasis
Code Title Credit Hours
SPAN 200 Intermediate Spanish I 3
SPAN 201 Intermediate Spanish II 3
SPAN 205 Culture, Conversation and Composition 3
SPAN 308 Advanced Spanish Grammar 3
SPAN 309 Foundations of Literacy 3
SPAN 310 Cultural History of Spain & Latin America I 3
SPAN 311 Cultural History of Spain & Latin America II 3
Select 9 credit hours of the following: 9
SPAN 275 Spanish Study Abroad II
SPAN 276 Spanish Study Abroad II
SPAN 300-499

Total Credit Hours 30

Students may elect to pursue more than one emphasis (language) area. For those students, 6 credit hours of Intermediate Level Language (200, 201) may be counted toward the 9 credit hours of open electives. Consult with the department chair for approval.

1 Students must apply for admission to all Teacher Education programs (p. 404).

Modern Languages, Bachelor of Arts
Offered by Department of Modern Languages (p. 317)

For departmental assessment purposes, all majors will be required to complete a comprehensive examination in their declared language emphasis (French, German, or Spanish) during their final semester.

Code Title Credit Hours
General Studies
Foundational Core (Written, Math, Oral, Democracy) 12
Foundation Core courses (p. 460)
Portal
Select one course numbered 188 (p. 465) 3
Distribution
ENG 101 Introduction of Academic Writing 3
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.
Aesthetics (p. 460) 3
Humanities (p. 464) | 9
Social Sciences (p. 465) | 6
Natural Sciences (p. 464) | 7
Analytical and Quantitative Thought (p. 460) | 0
Wellness (p. 466) | 0

**Capstone**
Select one course numbered 388 (p. 461) | 3

**BA Language requirement**
Complete one of the following options: | 3-5
Complete one beginning level college course or equivalent competency in a foreign language other than the language of the major.
or
Complete one intermediate or upper level college course or equivalent competency in a foreign language other than the language of the major.

**Major Option**
Complete all required courses | 36

**Minor or 2nd Major**
Complete all required courses | 24

**Unrestricted electives**
Needed to reach 120 credit hour minimum | 9-11
Total Credit Hours | 118-122

**Major Option**

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<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<td>FORL 480</td>
<td>Modern Languages Seminar</td>
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<td></td>
<td><strong>Modern Languages Supporting Courses</strong></td>
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<td></td>
<td>Select one of the following:</td>
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<tr>
<td></td>
<td>French Emphasis (p. 325)</td>
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<tr>
<td></td>
<td>Spanish Emphasis (p. 325)</td>
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<tr>
<td></td>
<td>Spanish Translation and Interpretation Emphasis (p. 325)</td>
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<td><strong>Total Credit Hours</strong></td>
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**French Emphasis**

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<tr>
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<td>FREN 201</td>
<td>Intermediate French II</td>
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</tr>
<tr>
<td>FREN 205</td>
<td>Culture, Conversation, and Composition</td>
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<tr>
<td>FREN 308</td>
<td>Advanced French Grammar</td>
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<td>FREN 309</td>
<td>Foundations of Literacy</td>
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<tr>
<td>FREN 310</td>
<td>Cultural History I</td>
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<td>FREN 311</td>
<td>Cultural History II</td>
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<td>Select 12 credit hours of the following:</td>
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<tr>
<td></td>
<td>FREN 275</td>
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<td>FREN 276</td>
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<tr>
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<td>FREN 300-499</td>
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**German Emphasis**

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<tr>
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<td>GERM 201</td>
<td>Intermediate German II</td>
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<td>GERM 205</td>
<td>Culture, Conversation and Composition</td>
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<td>GERM 308</td>
<td>Advanced German Grammar</td>
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<tr>
<td>GERM 309</td>
<td>Foundations of Literacy</td>
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<td>GERM 310</td>
<td>Cultural History I</td>
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<td>GERM 276</td>
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**Spanish Emphasis**

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<td>SPAN 201</td>
<td>Intermediate Spanish II</td>
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<td>SPAN 205</td>
<td>Culture, Conversation and Composition</td>
<td>3</td>
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<tr>
<td>SPAN 308</td>
<td>Advanced Spanish Grammar</td>
<td>3</td>
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<tr>
<td>SPAN 309</td>
<td>Foundations of Literacy</td>
<td>3</td>
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<tr>
<td>SPAN 310</td>
<td>Cultural History of Spain &amp; Latin America I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 311</td>
<td>Cultural History of Spain &amp; Latin America II</td>
<td>3</td>
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<td></td>
<td>Select 12 credit hours of the following:</td>
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<tr>
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<td>SPAN 275</td>
<td>Spanish Study Abroad II</td>
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<td>Spanish Study Abroad II</td>
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<td><strong>Total Credit Hours</strong></td>
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**Spanish Translation and Interpretation Emphasis**

<table>
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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<td>SPAN 201</td>
<td>Intermediate Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 205</td>
<td>Culture, Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 308</td>
<td>Advanced Spanish Grammar</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 309</td>
<td>Foundations of Literacy</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 333</td>
<td>Commercial Spanish</td>
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<tr>
<td>or SPAN 408</td>
<td>Comparative Grammar</td>
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<tr>
<td>FORL 308</td>
<td>Seminar in Translation I</td>
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<tr>
<td>FORL 309</td>
<td>Seminar in Translation II</td>
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<tr>
<td>FORL 409</td>
<td>Interpretation I</td>
<td>3</td>
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<tr>
<td>FORL 410</td>
<td>Interpretation II</td>
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<td>Take 3 hours from the following:</td>
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<tr>
<td></td>
<td>SPAN 310</td>
<td>Cultural History of Spain &amp; Latin America I</td>
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<tr>
<td></td>
<td>SPAN 311</td>
<td>Cultural History of Spain &amp; Latin America II</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td>33</td>
</tr>
</tbody>
</table>

Students may elect to pursue more than one emphasis (language) area. For those students, 6 credit hours of Intermediate Level Language (200, 201)
may be counted toward the 9 credit hours of open electives. Consult with the department chair for approval.

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

Spanish Minor

Offered by Department of Modern Languages (p. 317)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
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<tr>
<td>SPAN 200</td>
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<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish II</td>
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<tr>
<td>SPAN 205</td>
<td>Culture, Conversation and Composition</td>
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<tr>
<td>SPAN 308</td>
<td>Advanced Spanish Grammar</td>
<td>3</td>
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<tr>
<td>SPAN 309</td>
<td>Foundations of Literacy</td>
<td>3</td>
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<tr>
<td>SPAN 310</td>
<td>Cultural History of Spain &amp; Latin America I</td>
<td>3</td>
</tr>
<tr>
<td>or SPAN 311</td>
<td>Cultural History of Spain &amp; Latin America II</td>
<td>3</td>
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</tbody>
</table>

Electives

Select 6 credit hours of the following:

- Select 3-6 credit hours of the following:
  - SPAN 275 Spanish Study Abroad II
  - SPAN 300-SPAN 499
- Select 0-3 credit hours of the following:
  - FORL 300-FORL 499

Total Credit Hours

24

Spanish Translation and Interpretation Comprehensive, Bachelor of Science

Offered by Department of Modern Languages (p. 317)

For departmental assessment purposes, all majors will be required to complete a comprehensive examination in their declared language emphasis (French, German, or Spanish) during their final semester.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>SPAN 205</td>
<td>Culture, Conversation and Composition</td>
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<td>SPAN 308</td>
<td>Advanced Spanish Grammar</td>
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<td>SPAN 309</td>
<td>Foundations of Literacy</td>
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<td>SPAN 310</td>
<td>Cultural History of Spain &amp; Latin America I</td>
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<tr>
<td>FORL 480</td>
<td>Modern Languages Seminar</td>
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</table>

Spanish Translation and Interpretation Electives

Select 12 credit hours of the following:

- SPAN 275-SPAN 276
- SPAN 300-SPAN 499

Total Credit Hours

51

1 Minimum grade of C+ required for Spanish Translation and Interpretation Requirement courses.
2 No more than 6 credit hours may be taken from Study Abroad, which are SPAN 275, SPAN 276, SPAN 375, SPAN 376, SPAN 475, SPAN 476 except SPAN 302.

Department of Music, Theatre and Dance

The Department of Music is an accredited institutional member of the National Association of Schools of Music.
Department Objectives

Musical

- To present concerts, recitals, musicals, operas, and music for special events for the artistic enrichment of the region;
- To offer quality courses and instruction in the areas of music theory, music history, music education, music business, music technology, music performance, music composition, music pedagogy, musical theatre, opera, music appreciation, and musical ensembles;
- To provide curricula leading to nationally accredited bachelor degree programs in music, music business, music composition, music education, music performance (instrumental, piano, piano with pedagogy emphasis, vocal), musical theatre, and a master's degree in music education;
- To provide rigorous academic undergraduate programs that prepare music students for graduate work and advanced study;
- To engender an interest in academic research and creative activity in graduate and undergraduate music students;
- To foster in music students a sense of aesthetic judgment and the ability to distinguish musical quality that comes from their participation in private instruction, studio classes, performance ensembles, master classes, workshops, recitals, concerts, research and creative activities, and through their regular attendance at faculty and guest artist performances;
- To provide opportunities for all university students to develop skills in critical judgment, and an informed understanding and appreciation for music through their participation in music courses and ensembles, and through their attendance at student, faculty, and guest artist performances;
- To guide and nurture the highest degree of artistic development in each music student through private study on their musical instrument or voice with music faculty who have proven their high artistic standards of performance;
- To lead the university, community, and region in acquiring greater musical understanding and critical judgment through involvement in music courses, participation in music ensembles and attendance at various musical functions;
- To offer leadership in the musical life of the region by providing participative, collaborative, and advisory services to teachers, community members, and alumni.

Theatre and Dance

- To assist students in the development of skills and attitudes conducive to a lifetime of independent learning, with an awareness and appreciation for diverse views, and an understanding of the contributions of theatre and dance to society and culture;
- To offer students a broad practical and theoretical knowledge of theatre and dance as both fine art and humanity, while developing a world view of theatre and dance through specialized training in history, dramatic literature, performance, design, and theatre technology, dance appreciation, dance techniques, jazz dance, tap, and choreography;
- To provide students with an appreciation of the demands of the professional marketplace, and prepare them for productive careers in the theatre arts or dance through work in the classroom, on the stage, and in professional settings.

Requirements

1. All students planning to major or minor in music must complete admission requirements as determined by the Department of Music, Theatre and Dance. Application for admission including audition must be submitted prior to enrollment. Music majors and minors must choose an area of applied music and meet the proficiency standards of the Department for admission and graduation. All new students will audition to determine their performance level. Students should be able to perform with adequate technique, tone quality and musicianship; specific audition requirements for each performance area are available through the Department of Music, Theatre and Dance (http://www.unk.edu/academics/music).

All incoming students including transfer students will also take placement tests in the areas of theory, ear training, sight singing, piano skills, and performance. Students who do not meet admission requirements may be admitted provisionally. Once students have been accepted into a program they must receive departmental approval to change their applied music area or academic program.

2. All music majors and minors are required to complete piano requirements, including a proficiency examination as determined by the Department of Music, Theatre and Dance. Students are strongly encouraged to maintain continuous enrollment in piano until the piano proficiency examination is completed. All piano examination requirements must be completed prior to registration for Field Experience/Student Teaching (Music Education majors), Internship (Music Business majors) or Senior Recital (Performance/Musical Theatre majors).

The placement level in piano classes will be made by the piano faculty at the time of the entrance audition. Those with limited keyboard background will be placed into the appropriate Piano Techniques class. Students with keyboard facility will be placed into Keyboard Harmonization (the entire exam is covered in one semester) or, under the advisement of the piano faculty, may elect to independently prepare for and take the full piano proficiency examination, given by a committee of piano faculty, by the end of their third semester. Degree requirements are outlined in the Piano Proficiency Packet. Proficiency examinations are scheduled each semester.

3. Every full-time music major or minor must participate in a large ensemble every semester until the large ensemble degree requirement is satisfied. Wind and percussion students will elect band (flute, oboe, clarinet and bassoon students may elect the orchestra once the two semester marching band requirements have been met); string students will elect the orchestra; voice students will elect an appropriate vocal ensemble; guitar students will elect any ensemble or appropriate accompaniment/chamber music assignment for their participation (except the semester enrolled in Senior Recital). After the large ensemble requirement is met, all full-time music majors must participate in at least one ensemble each semester, except the semester enrolled in Internship or Student Teaching.

4. Students completing requirements for a major or minor in music must earn the total number of credit hours listed for their specific program. Completion of a course through proficiency examination does not reduce the total number of program credit hours required.

5. Candidates for degrees must satisfactorily complete an exit assessment including a portfolio before graduation. Specific
requirements should be obtained from the advisor in the student’s first semester as a music major.

A semester by semester outline of suggested courses for each degree option is available in the Music and Performing Arts Office.

The Department of Music is an accredited institutional member of the National Association of Schools of Music.

Music Major

Three options are available in this major:

1. Music (p. 346) - Bachelor of Arts Degree
2. Music Performance Comprehensive (p. 344) - Bachelor of Music Degree
   - Instrumental Emphasis (p. 345)
   - Piano Performance Emphasis (p. 345)
   - Piano Performance with Pedagogy Emphasis (p. 345)
   - Vocal Emphasis (p. 345)
3. Musical Theatre Comprehensive (p. 347) - Bachelor of Music Degree
4. Music Comprehensive (p. 340) - Bachelor of Music Degree
   - Music Business Emphasis (p. 341)
   - Music Composition Emphasis (p. 341)
5. Music Education PK-12 (p. 342) - Bachelor of Music Degree

Theatre Major

One option is available for this major:

1. Theatre (p. 349) - Bachelor of Arts Degree

A supplemental endorsement is offered in Theatre (p. 348).

Minors in Music (p. 343), Theatre (p. 348), Dance (p. 339), and Sound Recording Technology (p. 348) are available for students pursuing majors in other disciplines. The Elementary Education Major has a specially defined minor in Music (p. 340).

Timothy Farrell, Chair

Music, Theatre and Dance

Professor: Nathan Buckner, Ting-Lan Chen, James Cook, Timothy Farrell, Anne Foradori, David Nabb, Andrew White

Associate Professor: Brian Alber, Duane Bierman, Sharon Campbell, Noah Rogoff

Assistant Professor: Robert Benton, Anthony Donofrio, Beth Mattingly, Eunkyung Son

Lecturer: Ronald Altman, David Barg

Theatre

Professor: Janice Fronczak

Associate Professor: Jack Garrison

Assistant Professor: Darin Himmerich

Senior Lecturer: Sara Ice

Music (MUS)

MUS 98 – Fundamentals of Music 1 credit hour
An introduction to the basic rudiments and skills of music theory for those with little or no background in music. Develops both written and aural skills in basic notation, scales, key signatures, intervals and triads. Class does not apply to any UNK degree.

MUS 100 – Music Appreciation 3 credit hours
A survey of music in its basic concepts covering a broad spectrum of world styles and eras.

MUS 101 – American Musical Theatre 3 credit hours
A survey of the history and development of musical theatre in America from 1800’s to present. Examination of significant works, their composers and lyricists, from stage and movie musicals.

MUS 103 – University Band 1 credit hour
An instrumental performance group open to all university students with high school band experience. Marching, concerts, and tours.

Total Credits Allowed: 18.00

MUS 104 – Symphonic Band 1 credit hour
Large ensemble of brass, wind and percussion instruments performing the best of symphonic band literature. Open to entire university community.

Total Credits Allowed: 12.00

MUS 105 – Wind Ensemble 1 credit hour
Select instrumental ensemble open to entire university community through audition.

Total Credits Allowed: 12.00

MUS 106 – Introduction to Jazz and Blues 3 credit hours
A survey of the musical styles of jazz and blues from the 1800s to the 1990s through lecture, readings, recordings, concerts, and audiovisual presentations. These indigenous American musical forms are examined from both a musical and cultural vantage point.

MUS 107 – Introduction to Rock and Blues 3 credit hours
A survey of the musical styles of rock and blues from the 1800s to the 1990s through lecture, readings, recordings, concerts, and audiovisual presentations. These indigenous American musical forms are examined from both a musical and cultural vantage point.

MUS 109 – Introduction to Music Education 1 credit hour
Overview of music education. Introduces basic issues and principles of music education, orientation to student characteristics, teacher roles, and foundations of philosophy and history. School observations required.

MUS 110 – Brass Techniques 1 credit hour
Fundamentals of brass instruments with an emphasis on the practical aspects of teaching and playing the trumpet, French horn, trombone, and tuba.

Prerequisite: Music major or minor or permission of instructor

Additional Course Fee Required

MUS 111 – Woodwind Techniques 1 credit hour
Fundamentals of flute and double reed instruments with an emphasis on the practical aspects of teaching and playing the flute, oboe and bassoon.

Prerequisite: Music major or minor or permission of instructor

Additional Course Fee Required
MUS 114 – Percussion Techniques 1 credit hour
Fundamentals of percussion instruments with an emphasis on the practical aspects of teaching and playing.
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 118 – Guitar Techniques 1 credit hour
Fundamentals of the guitar with an emphasis on the practical aspects of teaching and playing. Students must provide their own instruments.
Prerequisite: Music major or minor or permission of instructor

MUS 120 – String Techniques 1 credit hour
Fundamentals of upper and lower string instruments with an emphasis on the practical aspects of teaching and playing violin, viola, cello, and bass.
Prerequisite: Music major or minor or permission of instructor

MUS 122 – Conducting 1 credit hour
This course is designed to introduce and develop the basic concepts of conducting a musical ensemble for the music major or minor.
Prerequisite: MUS 200 and MUS 201

MUS 129 – Class Voice 1 credit hour
Fundamentals of singing with an emphasis on basic musicianship and performance.
Total Credits Allowed: 2.00
Additional Course Fee Required

MUS 130 – Voice Techniques 1 credit hour
Fundamentals of singing with an emphasis on the practical aspects of teaching, evaluating students, and performing.
Total Credits Allowed: 2.00
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 135 – Private Instruction for Non-Majors 1 credit hour
Private studio instruction for non-music majors. University level competency is required as determined through audition. Piano, organ, voice, stringed instruments, wind instruments or percussion. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length for one hour of credit. May not be applied towards music degree private instruction requirements.
Department Consent Required
Total Credits Allowed: 6.00
Additional Course Fee Required

MUS 140 – Piano Techniques I 1 credit hour
Beginning keyboard fundamentals designed for music majors and minors with little or no keyboard background.
Additional Course Fee Required

MUS 141 – Piano Techniques II 1 credit hour
Continuation of Piano Techniques I with particular emphasis on building technical facility and skills in harmonization, improvisation, transposition and sight reading.
Prerequisite: Grade of C minus or above in MUS 140
Additional Course Fee Required

MUS 145 – Diction for Singers I 1 credit hour
This course teaches the International Phonetic Alphabet (IPA), manner and placement of articulation for both English and Italian, concentrating on diction comprehension for singers.

MUS 149 – Private Instruction, Secondary Instrument 1 credit hour
Private instruction for music majors and minors on secondary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least five hours of practice per week are required for two hours of credit. Lessons are one-half hour in length for one hour of credit. May not be applied towards primary (major) instrument or voice private instruction requirements. Lessons are one-half hour in length for one hour of credit. A jury examination is usually required at the end of each semester.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 150 – Private Instruction, Primary Instrument 1 credit hour
Private instruction for music majors and minors on primary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length for one hour of credit. All students enrolled in MUS 150 are required to attend ten recitals and/or concerts each semester. A jury examination is usually required at the end of each semester.
Department Consent Required
Total Credits Allowed: 8.00
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 151 – Private Instruction, Primary Instrument 2 credit hours
Private instruction for music majors and minors on primary instrument or voice. University level competency required as determined through audition. Piano, organ, voice, string, wind or percussion instruments. At least ten hours of practice per week are required for two hours of credit. Lessons are one hour in length. All students enrolled in MUS 151 are required to attend ten recitals and/or concerts each semester. MUS 151 may not be taken in lieu of two semesters of MUS 150. A jury examination is usually required at the end of each semester.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: Music major or minor or permission of instructor
Additional Course Fee Required

MUS 159 – Piano Fundamentals 2 credit hours
Fundamentals of music as applied to the keyboard. Designed for students with little or no previous musical training. Note and rhythm reading on the keyboard will be emphasized. Credit may not be applied to a music major or minor.
Additional Course Fee Required

MUS 165 – Small Ensembles 1 credit hour
Instrumental, vocal and keyboard ensembles. Consult with instructor before registering. Students may register as many times as desired, but may not receive more than two hours of credit in any one term.
Department Consent Required
Total Credits Allowed: 18.00

MUS 166 – Accompanying 2 credit hours
An introduction to the art of accompanying vocal and instrumental literature.
Department Consent Required
Total Credits Allowed: 6.00
MUS 167 – Practicum in Accompanying 1-2 credit hours
Practical application of collaborative rehearsal techniques and performance skills learned in MUS 166. Assignments will be based on performance level, experience, and departmental needs and may range from accompanying private voice/instrumental lessons and recitals to large ensembles.  
Total Credits Allowed: 6.00  
Prerequisite: MUS 166 or permission of instructor

MUS 173 – Choraleers 1 credit hour
A select mixed voice choir performing chamber choral repertoire. Open to all university students through audition.  
Total Credits Allowed: 12.00

MUS 174 – University Men’s Chorus 1 credit hour
A men’s singing group performing standard male chorus repertoire, including popular, Broadway, folk, spirituals, and fraternity songs. Open to all men in the university community.  
Total Credits Allowed: 12.00

MUS 175 – University Chorus 1 credit hour
A large mixed voice choir performing large choral works as well as chamber music. Open to all university students through audition.  
Total Credits Allowed: 18.00

MUS 176 – University Women’s Chorus 1 credit hour
A women’s singing group performing repertoire from classics to popular, Broadway to spirituals. Open to all women in the university community.  
Total Credits Allowed: 12.00

MUS 177 – Opera Workshop 1-3 credit hours
A course for singers who want to perform works from opera, operetta, and musical theatre repertoire in scenes, one-acts, or full productions. Open to all university students through audition and placement.  
Total Credits Allowed: 12.00

MUS 178 – Nebraskats 1 credit hour
A select show choir performing a wide variety of popular music. Open to all university students through audition. Extensive performing throughout the year and annual tour.  
Total Credits Allowed: 12.00

MUS 179 – Collegium 1 credit hour
A select small vocal ensemble performing 16th-20th century a cappella music. Open to members of Choraleers through audition.  
Total Credits Allowed: 12.00

MUS 180 – Jazz/Rock Ensemble 1 credit hour
An instrumental big band performing contemporary and traditional jazz and rock music. The ability to read music is required. Open to all university students through audition in the fall semester.  
Total Credits Allowed: 12.00

MUS 185 – New Music Ensemble 1 credit hour
New Music Ensemble focuses on the music of the late 20th century and the music of today. Literature will be a mixture of “classics” from the repertoire along with brand new music. The focus will be on discussing, experimenting, creating, editing, and eventual performance of two new pieces of music.  
Total Credits Allowed: 10.00

MUS 187 – Sound Recording and Reinforcement 2 credit hours
An introduction to the basic techniques of sound recording and reinforcement of music and how they apply to the music industry. The course focuses on microphones, mixers, signal processing, recording hardware and software, amplifiers, and speakers. The course includes a laboratory experience utilizing audio equipment and software common to music sound production.  
Total Credits Allowed: 8.00

MUS 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.  
Total Credits Allowed: 6.00  
Prerequisite: First year freshman standing or sophomore standing only

MUS 189 – Music Business Field Study 1 credit hour
A field study to music businesses, trade shows, conventions, etc. involved in the music business industry. Students will keep a written journal of observations.  
(Credit/No-Credit)  
Total Credits Allowed: 4.00

MUS 198 – Sight Singing and Ear Training I 1 credit hour
Sight singing of standard music materials; melodic, rhythmic and harmonic dictation. Should be taken concurrently with MUS 200.  
Total Credits Allowed: 3.00

MUS 199 – Sight Singing and Ear Training II 1 credit hour
Sight singing of standard music materials; melodic, rhythmic and harmonic dictation. Should be taken concurrently with MUS 201.  
Prerequisite: Grade of C minus or above in MUS 198

MUS 200 – Music Theory I 3 credit hours
Rudiments of music, including melodic and rhythmic notation, scales, key signatures, intervals, and chord structure. Elementary harmonic analysis, with non-harmonic tones. Should be taken concurrently with MUS 198.  
Prerequisite: Passing score on the music theory placement exam (P/F) or passing score on the AP music theory exam (3 or above)

MUS 201 – Music Theory II 3 credit hours
Continuation of melodic and harmonic analysis. Harmonization of chorales and other melodies, using diatonic triads, dominant and leading tone seventh chords, and modulation. Should be taken concurrently with MUS 199.  
Prerequisite: Grade of C minus or above in MUS 200

MUS 211 – Sound Recording and Reinforcement 2 credit hours
An introduction to the basic techniques of sound recording and reinforcement of music and how they apply to the music industry. The course focuses on microphones, mixers, signal processing, recording hardware and software, amplifiers, and speakers. The course includes a laboratory experience utilizing audio equipment and software common to music sound production.  
Total Credits Allowed: 8.00

MUS 219 – Chamber Orchestra 1 credit hour
Select orchestral chamber ensemble open to the entire university community through audition.  
Department Consent Required  
Total Credits Allowed: 8.00

MUS 220 – Kearney Area Symphony Orchestra 1 credit hour
A symphony orchestra made up of UNK faculty and students, as well as instrumentalists from the community, performing classical and pops concert repertoire, opera, musicals, and large works with choir. Open to all who qualify through audition. Meets one evening per week.  
Total Credits Allowed: 18.00
MUS 240 – Piano Techniques III  1 credit hour
Continuation of Piano Techniques II, with emphasis on harmonization, technique, improvisation, score reading, solo and ensemble repertoire, analysis and sequencing. The piano proficiency examination for music business majors, music minors (elementary education option), and liberal arts in music majors will be administered at the end of this course. Prerequisite: Grade of C minus or above in MUS 141
Additional Course Fee Required

MUS 241 – Piano Techniques IV  1 credit hour
Continuation of Piano Techniques III, with addition of accompanying. Designed to prepare music education, pre-music therapy, musical theatre, and vocal and instrumental performance majors for the piano proficiency examination. Prerequisite: Grade of C minus or above in MUS 240

MUS 245 – Diction for Singers II  1 credit hour
Continuation of Diction for Singers. Teaches the use of the International Phonetic Alphabet (IPA), manner and placement of articulation for both German and French, concentrating on diction comprehension for singers. Prerequisite: MUS 145

MUS 247 – Women Composers and Their Music: A Historical Approach  3 credit hours
A Survey of women composers and their music throughout history, from the Middle Ages to the present. A major focus of the course is the actual music, in written and/or recorded form. Historical, sociological and psychological factors affecting women composers in each period will also be included.

MUS 260 – Keyboard Harmonization  1 credit hour
A course for students with keyboard facility, designed to satisfy piano proficiency requirements for majors and minors, taken in lieu of the Piano Techniques sequence. Keyboard harmonization, transposition, improvisation, score reading, solo and ensemble repertoire, sequencing and sight reading. Department Consent Required

MUS 280H – Special Topics-Honors  2-3 credit hours
Total Credits Allowed: 3.00

MUS 301 – Music Technology  2 credit hours
A survey of the technological advances in music. The course focuses on the computer as a music tool, music software, Musical Instrument Digital Interface (MIDI), electronic music instruments, music synthesis and sampling, and electronic musical communication.

MUS 303 – University Band  1 credit hour
An instrumental performance group open to all university students with high school band experience. Marching, concerts, and tours. Total Credits Allowed: 18.00 Prerequisite: MUS 103 or instructor permission.

MUS 304 – Symphonic Band  1 credit hour
Large ensemble of brass, wind and percussion instruments performing the best of symphonic band literature. Open to entire university community. Total Credits Allowed: 12.00 Prerequisite: MUS 104 or instructor permission.

MUS 306 – Wind Ensemble  1 credit hour
Select instrumental ensemble open to entire university community through audition. Total Credits Allowed: 12.00 Prerequisite: MUS 105 or instructor permission.

MUS 308 – Keyboard Harmony  1 credit hour
Continuation of Piano Techniques II, with emphasis on harmonization, technique, improvisation, score reading, solo and ensemble repertoire, analysis and sequencing. The piano proficiency examination for music business majors, music minors (elementary education option), and liberal arts in music majors will be administered at the end of this course. Prerequisite: Grade of C minus or above in MUS 141

MUS 309 – Advanced Keyboard  1 credit hour
A continuation of Piano Techniques III, with addition of accompanying. Designed to prepare music education, pre-music therapy, musical theatre, and vocal and instrumental performance majors for the piano proficiency examination. Prerequisite: Grade of C minus or above in MUS 240

MUS 310 – Music Business  3 credit hours
A survey of the business aspects of the music industry with an emphasis on merchandising, recording, publishing, managing, broadcasting, promotion, licensing, and copyrights. Includes information on career planning and development.

MUS 311 – Practicum in Sound Production  1 credit hour
Students will augment skills and knowledge in sound recording and reinforcement using knowledge gained in MUS 211 Sound Recording and Reinforcement through working with the Sound Production Coordinator to record and reinforce recitals, concerts, and other events in the Fine Arts Building. Prerequisite: MUS 211 or permission of instructor

MUS 324 – Musical Theatre Coaching I  1 credit hour
An introduction to interpretation of Broadway musical songs; examination of lyrics as script through books lyrics and scores with practical application. Prerequisite: MUS 150 (voice) or permission of instructor

MUS 325 – Musical Theatre Coaching II  1 credit hour
A continuation of MUS 324 with greater emphasis on physicalization of songs, exploration of literature for voice/character type, and learning to prepare a song for audition. Prerequisite: MUS 324 or permission of instructor

MUS 326 – Musical Theatre Coaching III  1 credit hour
A continuation of MUS 325 with greater emphasis on building a working repertoire of various types of Broadway songs. Prerequisite: MUS 150 (voice) and MUS 325 and an introductory acting course or an introductory dance course and permission of instructor

MUS 327 – Musical Theatre Coaching IV  1 credit hour
A continuation of MUS 326 with special consideration given to performance of duets and small ensembles. Prerequisite: MUS 326 or permission of instructor

MUS 330 – Music Methods for the Elementary Teacher  3 credit hours
Basic musical skills methods and materials for the elementary classroom teacher. Prerequisite: Elementary Education or Middle Level or Early Childhood Unified major

MUS 337 – Sight Singing and Ear Training III  1 credit hour
Sight singing of standard music materials including chromaticism. Ear training of melodic, rhythmic and harmonic materials. Should be taken concurrently with MUS 339. Prerequisite: Grade of C minus or above in MUS 199

MUS 338 – Sight Singing and Ear Training IV  1 credit hour
Sight singing of standard music materials including chromaticism. Ear training of melodic, rhythmic and harmonic materials. Should be taken concurrently with MUS 340. Prerequisite: Grade of C minus or above in MUS 337
MUS 339 – Music Theory III 3 credit hours
An intensive study of diatonic and chromatic harmonic structures and processes. Harmonic analysis of music for various performance media taken mostly from the Romantic period. Should be taken concurrently with MUS 337.
Prerequisite: Grade of C minus or above in MUS 199 and in MUS 201

MUS 340 – Music Theory IV 3 credit hours
Continuation of Theory III. Introduction to late 16th century and 18th century counterpoint. Introduction to the expansion of harmonic resources from the period of Impressionism to the present. Should be taken concurrently with MUS 338.
Prerequisite: Grade of C minus or above in MUS 339

MUS 341 – Counterpoint 2 credit hours
Study of contrapuntal writing in 18th century style.
Prerequisite: MUS 199 and MUS 201

MUS 347 – Music History and Literature I 3 credit hours
A survey of the development of western music from Plato to 1800 providing insight into fundamental compositional style elements and performance practices of each historical period within a socio-politico-economic context. Students will become acquainted with landmark composers and compositions.

MUS 348 – Music History and Literature II 3 credit hours
A survey of the development of western music from 1800 to the present providing insight into fundamental compositional style elements and performance practices of each historical period within a socio-politico-economic context. Students will become acquainted with landmark composers and compositions.

MUS 350 – Advanced Private Instruction 1 credit hour
Advanced private instruction for music majors with Advanced Standing status. A minimum number of 350/351 credit hours are required per degree program (consult individual programs). Piano, organ, voice, string, wind or percussion instruments. At least five hours of practice per week are required for one hour of credit. Lessons are one-half hour in length. All students enrolled in MUS 350 are required to attend ten recitals and/or concerts each semester. A jury examination is usually required at the end of each semester.
Department Consent Required
Total Credits Allowed: 4.00
Additional Course Fee Required

MUS 351 – Advanced Private Instruction 2 credit hours
Advanced private instruction for music majors with Advanced Standing status. A minimum number of 350/351 credit hours are required per degree program (consult individual programs). Piano, organ, voice, string, wind or percussion instruments. At least ten hours of practice per week are required for two hours of credit. Lessons are one hour in length. All students enrolled in MUS 351 are required to attend ten recitals and/or concerts each semester. A minimum thirty-minute recital is required during the semester of MUS 351 enrollment on the principal instrument (voice). A recital hearing to be attended by a committee of the applied voice faculty is required in advance of the recital.
Department Consent Required
Total Credits Allowed: 12.00
Additional Course Fee Required

MUS 351R – Advanced Private Instruction with Junior Recital 2 credit hours
Advanced private instruction with Junior Recital requirement for musical theatre majors with Advanced Standing status. Required of all candidates for the Bachelor of Music - Musical Theatre degree, voice principal. At least ten hours of practice per week are required for two hours of credit. Lessons are one hour in length. All students enrolled in MUS 351R are required to attend ten recitals and/or concerts each semester. A minimum thirty-minute recital is required during the semester of MUS 351R enrollment on the principal instrument (voice). A recital hearing to be attended by a committee of the applied voice faculty is required in advance of the recital.
Department Consent Required
Total Credits Allowed: 4.00
Additional Course Fee Required

MUS 356 – Field Experience in the Elementary Music Classroom 0.5 credit hours
This 50 clock hour minimum field-based experience in music education is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator. Under the mentorship of a practicing elementary music educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching at the elementary school level. Students will also be required to engage in a variety of school related activities commonly encountered by professional educators.
Prerequisite: Admission to Teacher Education and completion or concurrent enrollment in TE 306 or TE 319.
Corequisite: MUS 357.

MUS 357 – Elementary/Middle School General Music 3 credit hours
This course will address the examination of methods and materials appropriate for teaching in the elementary/middle school general music classroom, as well as administrating a comprehensive vocal music program in the elementary/middle school settings. Observation of a middle school vocal/general music classroom is part of this course.
Prerequisite: Admission to Teacher Education and junior standing or permission of instructor

MUS 365 – Form and Analysis 2 credit hours
Study of the architecture of music. Analysis of harmonic, melodic, rhythmic and formal elements in the works of representative composers.
Prerequisite: MUS 339

MUS 373 – Choraleers 1 credit hour
A select mixed voice choir performing chamber choral repertoire. Open to all university students through audition.
Total Credits Allowed: 12.00
Prerequisite: MUS 173 or instructor permission.
MUS 375 – Music Business Field Experience  3 credit hours
A practical experience designed to provide observation and supervised participation in one of the business areas of the music industry. In consultation with the program director, students choose participating music business firms and work as if full-time employees in various aspects of the business.
Prerequisite: MUS 310

MUS 376 – University Women's Chorus  1 credit hour
A women's singing group performing repertoire from classics to popular, Broadway to spirituals. Open to all women in the university community. Total Credits Allowed: 12.00
Prerequisite: MUS 176 or instructor permission.

MUS 377 – Opera Workshop  1-3 credit hours
A course for singers who want to perform works from opera, operetta, and musical theatre repertoire in scenes, one-acts, or full productions. Open to all university students through audition and placement.
Total Credits Allowed: 12.00
Prerequisite: MUS 177 or instructor permission.

MUS 379 – Collegium  1 credit hour
A select small vocal ensemble performing 16th-20th century a cappella music. Open to members of Choraleers through audition.
Total Credits Allowed: 12.00
Prerequisite: MUS 179 or instructor permission.

MUS 380 – Jazz/Rock Ensemble  1 credit hour
An instrumental big band performing contemporary and traditional jazz and rock music. The ability to read music is required. Open to all university students through audition in the fall semester.
Total Credits Allowed: 12.00
Prerequisite: MUS 180 or instructor permission.

MUS 385 – New Music Ensemble  1 credit hour
New Music Ensemble focuses on the music of the late 20th century and the music of today. Literature will be a mixture of "classics" from the repertoire along with brand new music. The focus will be on discussing, experimenting, creating, editing, and eventual performance of two new pieces of music.
Total Credits Allowed: 12.00
Prerequisite: MUS 185 or instructor permission.

MUS 387 – Recital  1 credit hour
Half recital for piano, organ, voice, string, wind, or percussion instruments. A recital hearing, to be attended by a committee of the applied music faculty, is required in advance of the recital. Should be taken concurrently with MUS 350 or MUS 351.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: Junior standing and advanced standing status and permission of instructor

MUS 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

MUS 401 – Music Theory Through an Historical Perspective  3 credit hours
An overview of the history and theory of music, focusing on musical styles and form in each era and basic theoretical concepts and analysis, including early twentieth century, and an overview of musical literature through readings, score study and recorded examples. May be taken for undergraduate or graduate credit.
Prerequisite: MUS 339 and MUS 347 and MUS 348 or undergraduate degree in Music

MUS 402 – Music and Movement for Early Childhood Teachers  2-3 credit hours
This Early Childhood music and movement course is for anyone interested in teaching in early childhood education, from birth through age 8. Basic understanding, musical skills, movement activities, methods and materials for the early childhood teacher will be explored.

MUS 407 – Choral Conducting and Literature  2 credit hours
The technique of the baton, score interpretation, rehearsal techniques, and a literature search of choral repertoire for all levels of education.
Prerequisite: MUS 199 and MUS 201 and MUS 122 and large ensemble

MUS 409 – Independent Music Studio  2 credit hours
A practical experience designed to provide observation and supervised participation in one of the business areas of the music industry. In consultation with the program director, students choose participating music business firms and work as if full-time employees in various aspects of the business.
Prerequisite: MUS 310

MUS 411 – Vocal Pedagogy  3 credit hours
An introductory study of the voice as it relates to singing; anatomy and physiology of the voice; comparison of teaching techniques. Department Consent Required
Prerequisite: Four semesters of MUS 150 OR MUS 350-voice and junior standing or permission of the instructor

MUS 421 – Independent Music Studio  2 credit hours
This course is designed to provide guidelines for developing a successful independent music studio including professional qualifications, ethical standards, and effective studio management (instrumental, piano, or vocal).
Prerequisite: MUS 201 or permission of instructor

MUS 422 – Fundamentals of Piano Pedagogy I  3 credit hours
An introduction to the basic concepts, skills and techniques necessary for successful teaching at the elementary level. Overview of methods and materials for average-age beginners; studio operation. Department Consent Required

MUS 423 – Fundamentals of Piano Pedagogy II  2 credit hours
A continuation of Fundamentals of Piano Pedagogy I with emphasis on group teaching; materials methods and techniques for teaching adult, pre-school and transfer students.
Prerequisite: MUS 432 or permission of instructor
MUS 434 – Advanced Piano Pedagogy I: History, Philosophies and Principles of Piano Pedagogy  2 credit hours
Advanced studies in teaching philosophies and principles of piano pedagogy; teaching functional and musicianship skills; building technique.
Prerequisite: MUS 433 or permission of instructor

MUS 435 – Advanced Piano Pedagogy II: Pedagogical Approaches to Keyboard Literature  2 credit hours
Advanced studies in pedagogical approaches to keyboard literature musicianship performance and performance practice; adjudication; diagnostic procedures; sequencing repertoire.
Prerequisite: MUS 434 or permission of instructor

MUS 436 – Internship in Piano Teaching  2 credit hours
Practical application of teaching skills learned in MUS 432-434. Includes direct observation of and consultation with experienced teachers, supervised teaching, written evaluations and personal conferences with the piano pedagogy instructor.
Total Credits Allowed: 6.00
Prerequisite: MUS 434 or permission of instructor

MUS 450 – Survey of Art Song  3 credit hours
An historical examination of the Art Song literature from the 17th century to the present.
Prerequisite: MUS 348 or permission of instructor

MUS 451 – History & Literature of Opera  3 credit hours
An historical survey of operatic literature of Italy, France, England, Germany, Austria, Russia, and the United States from the 17th century to the present.
Prerequisite: MUS 348 or permission of instructor

MUS 456 – Piano Literature I  3 credit hours
A survey course discussing the structure, style, and history of piano literature from the Baroque through early Romantic periods.
Prerequisite: MUS 348 or permission of instructor

MUS 457 – Piano Literature II  3 credit hours
A survey course discussing the structure, style, and history of piano literature from the Romantic Period through the 20th century.
Prerequisite: MUS 348 or permission of instructor

MUS 460 – Independent Study and Research  1-4 credit hours
Independent investigation of a career in music business with research in the area of the student’s specialization under the supervision of the music business program director.
Prerequisite: Junior standing and advanced standing status and permission of instructor. May be repeated for credit.
Total Credits Allowed: 3.00

MUS 468 – Secondary School Music  3 credit hours
Examination of methods and materials appropriate for teaching and administering a comprehensive secondary school music program.
Prerequisite: Admission to Teacher Education and completion of MUS 406 and MUS 407.
Corequisite: MUS 467.

MUS 473 – Special Topics in Music Business  1-3 credit hours
Advanced, independent, in-depth investigations into specific topics related to the Music Industry. Topics of study are tailored to meet the needs of the student. The format of the course will vary depending on the topic. Must have special permission of music business program director to enroll. This course may be repeated to a maximum of three hours.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: MUS 310 and permission of program director

MUS 474 – Music Business Project  1 credit hour
Independent investigation of a career in music business with research in the area of the student’s specialization under the supervision of the music business program director.
Department Consent Required

MUS 475 – Internship in Music Business  7-12 credit hours
A practical experience designed to provide observation and supervised work in one of the business areas of the music industry. In consultation with the program director, students choose participating music business firms and work as if full-time employees for a total of 500 hours in various aspects of the business.
Department Consent Required
Total Credits Allowed: 12.00

MUS 485 – Seminar in Opera Technique and Performance  3 credit hours
A study of available operas with regard to casting, rehearsal techniques, staging, management, and performance. An opera will be selected, rehearsed and performed as the culmination of the course.
Department Consent Required

MUS 486 – Marching Band/Jazz Ensemble Methods  3 credit hours
An in-depth analysis of how to design and write marching band drill for both halftime and competition shows.

MUS 486 – Recital  1 credit hour
Required of all candidates for the BM degree with a music performance and musical theatre emphasis. Other majors at the discretion of the applied instructor. May be repeated for credit.
Department Consent Required
Total Credits Allowed: 5.00
Prerequisite: Junior standing and advanced standing status and permission of instructor

MUS 499 – Music Special Topics  1-3 credit hours
Topics are studied which are not assigned or covered in other courses in the department. The format of this course will vary depending on the topic, instructor, and the needs of the student.
Total Credits Allowed: 9.00
Theatre (THEA)

THEA 120 – Introduction to the Theatre 3 credit hours
Study of theatre as a continuing cultural tradition. Designed to explore the role of theatre in society, and acquaint theatre majors and non-majors alike with the basic areas of theatre practice and study. Topics covered may include theater history, dramatic literature, acting, playwriting, theatre technology, and/or design. Methods of instruction include discussions, projects, and hands-on experience with mainstage productions.

THEA 121 – Completing the Look: The Art of Costuming 3 credit hours
Introduction to several techniques and skills used to complete the look of a costume through the art of making masks, period underpinnings (corsets, bustles, etc.), fabric modification, millinery (hats), and armor with a focus on developing a working knowledge of the materials, methods, tools, and supplies used by costume technicians.

THEA 135 – Introduction to Stage Technology 3 credit hours
Foundation to the skills and craft of technical theatre including scenery, lights, and sound. A focus on developing a working knowledge of the equipment, techniques, tools, materials, and methods basic to theatre technicians. Methods of learning include discussions, construction projects, and shop work on mainstage productions.

THEA 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.

Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

THEA 210 – Playscript Analysis 3 credit hours
Introduction to the techniques necessary to read, analyze, and understand playscripts for direction, performance, design, or research. Includes the exploration of dramatic structure, plot, character, imagery, and other elements which distinguish plays from other forms of literature.

THEA 222 – Oral Interpretation of Literature 3 credit hours
Development of expression, interpretation, and delivery skills involved in oral presentations through performance of literature, prose, poetry, and drama. Studies may include such topics as literary selection, articulation, projection, and physicalization.

THEA 225 – Acting I 3 credit hours
Exploration of the foundations of acting through creative play, open critiques, and in-class exercises. Study may include an introduction to basic Stanislavski acting terminology and techniques, beginning rehearsal techniques, and performance analysis. Performance skills will be practiced and enhanced through the preparation of monologues and a short scene.

THEA 226 – Acting II 3 credit hours
Continued refinement of acting techniques through the study and final performance of selected scenes, with a focus on character development and script analysis. Coursework will also include the development of emotional realism through work with modern playwrights such as Ibsen, Chekov, Strindberg, and Shaw. Prerequisite: THEA 225

THEA 235 – Creative Dramatics 3 credit hours
A fun, practical approach to theatre games, improvisation, and movement providing ample opportunities to participate in and learn to teach beginning theatre courses at elementary and high school levels. Possibilities for work in the community.

THEA 237 – Children’s Theatre 3 credit hours
Study of the objectives of theatre for young audiences through practical experience in selection, direction, and production of plays by and/or for children.

THEA 240 – Stage Makeup 3 credit hours
Introduction to stage makeup design and application techniques. Design and application projects are used to familiarize the student with the essential uses of stage makeup for the actor, technician, and educator. Additional Course Fee Required

THEA 241 – Introduction to Costume Technology 3 credit hours
Study and training with basic costuming equipment, materials, and techniques. Designed to teach the basics of costume construction including: patterning, cutting, fitting, altering, and caring for costumes. Specific skills are applied through construction projects and work on mainstage productions. Additional Course Fee Required

THEA 295 – Theatre Practicum 1 credit hour
Practical experiences in theatrical production including, but not limited to: acting, stagecraft, scene painting, electrics, props, technical crews, publicity, and administration. Department Consent Required
Total Credits Allowed: 9.00

THEA 296 – Elements of Theatrical Design 3 credit hours
Overview of theatrical design intended to acquaint students with basic design elements and rendering techniques in relation to scenery, lighting, and costumes for the stage. Script analysis, production design requirements, the collaborative design process, and the universal language (principles) of design will be explored in depth. Additional Course Fee Required

THEA 306 – Movement for the Stage 3 credit hours
Basic understanding of how the body, as the actor's physical instrument, functions in a performance space. Techniques studied will prepare actors to react with creative and impulsive movements, while developing control and stamina through exercise, relaxation, improvisation, and imagination. In-class and environmental movement pieces will be performed throughout the semester. Prerequisite: THEA 225

THEA 307 – Voice and Diction for the Stage 3 credit hours
Students will develop the skills necessary to be easily heard and understood in any given performance situation by learning the International Phonetic Alphabet and being able to apply it to complete their training in Standard American English or Career Speech. In addition, they will learn new skills to create healthy, fully resonant voices and vocal flexibility through vocal exercises. Vocal variety and dialect work will also be covered.
THEA 322 – Theatre and Stage Management 3 credit hours
Study of the principles and practices in administration and stage management for theatre producing organizations. Areas covered may include: publicity, season selection, personnel, and audience services; with particular emphasis on stage management including scheduling, rehearsals, production, and performances.
Prerequisite: THEA 135
Additional Course Fee Required

THEA 325 – Advanced Acting 3 credit hours
Exploration of advanced acting principles and techniques through monologues, ensembles, and scene work. Builds on the foundations developed in Fundamentals of Acting and guides students in the practice of more complex scene analysis and characterization.
Prerequisite: THEA 225

THEA 350 – Survey of Dramatic Literature I 3 credit hours
Examination of play scripts as a genre in world literature. The course will follow the progression of dramatic literature from ancient times to the beginning of the 18th Century. Readings will focus on the genres of comedy and tragedy in the following periods: Ancient Greece, Ancient Rome, Medieval, Tudor and Stuart England.
Prerequisite: THEA 210

THEA 351 – Survey of Dramatic Literature II 3 credit hours
Examination of dramatic literature with primary focus on the modern and postmodern eras of world literature. Specific emphasis will be placed on the philosophical approaches of Realism/Naturalism and Existentialism.
Prerequisite: THEA 210

THEA 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

THEA 400 – Teaching Theatre 3 credit hours
Preparation of future Theatre instructors for professional work. Learning to plan, prepare, and execute Theatre programs for high schools, continuing studies programs, and community centers. Study will include: creating courses, developing lesson plans, in-class teaching opportunities, organizing class projects, identifying teaching opportunities, coordinating extracurricular activities, and conducting self-evaluations. Will assist students in identifying and developing individual styles of Theatre pedagogy.
Department Consent Required

THEA 401 – Special Topics 1-3 credit hours
Study in a specific area of theatre which will vary each time the course is offered. Topics of study may include performance, history, criticism, play development, technical theatre, as well as others.
Department Consent Required
Total Credits Allowed: 6.00

THEA 405 – Theatre Design Software 3 credit hours
An exploration of the most common computer aided design software used in the theatre industry. Students will exit the class with the ability to create and manipulate digital design files in ways applicable to their chosen path of study.

THEA 413 – History of Theatre I 3 credit hours
Survey of Theatre History covering the development of the institution of theatre from pre-historical rituals through the Elizabethan period. Areas of study include: theory and criticism, literature, physical theatre, and personnel.

THEA 414 – History of Theatre II 3 credit hours
Survey of Theatre History covering periods from the Italian Renaissance through the rise of Realism. Areas of study include: theory and criticism, literature, physical theatre, and personnel.

THEA 415 – History of Theatre III 3 credit hours
Survey of Theatre History covering the development of modern theatre in the late 19th and 20th Centuries. Particular emphasis is placed on Realism/Naturalism and Postmodern Theatre. Areas of study include: theory and criticism, literature, physical theatre, and personnel.

THEA 419 – Costume Design 3 credit hours
Exploration of the elements and principles of design in relation to theatrical costume design. Specific projects are used to develop the design process with explicit attention to character analysis, period research, design conceptualization, and limitations of budgets and production schedules. Application of design skills is enhanced through production work.
Prerequisite: THEA 210 and THEA 241 and THEA 296 or permission of instructor

THEA 420 – Scenic Design 3 credit hours
Introduction to the processes and techniques used to apply design elements and principles in the creation of visual environments. Study and practice in script analysis, research, design process, production styles, stage composition, conceptualization, rendering, scenic model-making, etc. will be used to develop and refine design skills. Application of design skills is enhanced through production work.
Prerequisite: THEA 210 and THEA 296 or permission of instructor
Additional Course Fee Required

THEA 421 – Playwriting 3 credit hours
Instruction in the craft of playwriting and an organic approach to creating new works. Students will work on original monologues and short plays as they study the elements of drama and the technical format of writing for the stage. Playwriting, play production, competitions, and script publication will be covered.
Additional Course Fee Required

THEA 423 – Advanced Theatre Practicum 1 credit hour
Significant projects in theatre production for advanced Theatre students. Designed to provide students with experience in positions or roles that fully utilize the performance and/or technical skills they have acquired. Projects may include: stage management, directing, major roles, mainstage designs, administration, or others approved by Theatre faculty.
Department Consent Required
Total Credits Allowed: 6.00

THEA 425 – Acting III 3 credit hours
Advanced training in specific acting styles and techniques such as Greek Drama, Shakespeare, Comedy of Manners, Commedia dell’Arte, Theatre of the Absurd, Augusto Boal’s Theatre of the Oppressed, and the Meisner Technique. Study will include vocal and physical work.
Prerequisite: THEA 226
THEA 430 – Modern Dramatic Theory 3 credit hours
Examination of the basic theories of theatre practice and dramatic literature from 1870 to the present. Realism/Naturalism and 20th Century Postmodernism will be emphasized.
Prerequisite: THEA 120 or permission of instructor

THEA 436 – Advanced Technical Theatre 3 credit hours
Exploration of advanced methods and materials utilized in contemporary technical theatre. Students will become familiar with techniques in mechanical drafting, computer-aided drafting, metalworking, wood turning, foam sculpting, painting, and other technical areas.
Prerequisite: THEA 135
Additional Course Fee Required

THEA 438 – Technical Direction 3 credit hours
Study of the theory and practice of technical direction for the performing arts and the role of the technical director in the collaborative production process. Course content is focused on the development of skills and techniques for scenery construction, stage rigging, technical drafting, budgeting time and resources, and management.
Prerequisite: THEA 436

THEA 447 – Lighting Design 3 credit hours
Examination of the mechanics, principles, and practices of lighting for the stage. Course will include: analysis of scripts for lighting design, application of design elements, introduction to lighting equipment and control systems, study of color theory, development and execution of light plots, and an overview of electricity. Hands-on training during mainstage light hang/focus, as well as various design projects will enhance the overall experience.
Prerequisite: THEA 210 and THEA 296 or permission of instructor
Additional Course Fee Required

THEA 460 – Independent Study and Research 1-3 credit hours
Independent study or research of a theatre-related topic under the direction of a Theatre Department faculty member. Proposals for study or research must be submitted to the appropriate faculty advisor prior to registering for this course.
Department Consent Required
Total Credits Allowed: 6.00

THEA 475 – Internship 1-12 credit hours
Practical experience in theatre conducted in cooperation with a professional or resident theatre company. Student work in acting, directing, stage management, design, technical work, or administration will be monitored and evaluated by a Theatre faculty advisor.
Department Consent Required
Total Credits Allowed: 12.00

THEA 480 – Play Direction 3 credit hours
Introduction to the fundamentals of directing for the stage through application of basic principles and techniques to one-act and cutting projects. Projects combine theory and practice in play selection, script interpretation, stage movement, stage composition, interpersonal relationships, production values, rehearsals, and ultimate performance.
Prerequisite: THEA 135 and THEA 210 and THEA 225
Additional Course Fee Required

Dance (DANC)

DANC 122 – Dance Appreciation 3 credit hours
Nonperformance course. Survey of dance as an art form from primitive dance through the ages of ballet, modern dance, and jazz; the media; methods of recording dance; hazards of the profession; problems of dance today. Lectures and discussions on anatomy, body alignment, and dance as art for the lay dance community.
Additional Course Fee Required

DANC 131 – Modern Dance I 1 credit hour
The purpose of this course is to introduce the beginning dance student to the foundations of modern technique and history. Modern concepts, movements and vocabulary will be explored through physical practice and observation. No previous dance training is required. The primary focus of this course is to increase and develop physical coordination, self-awareness, strength, flexibility, musicality and artistic expression through the study of the modern dance genre.
Total Credits Allowed: 3.00
Additional Course Fee Required

DANC 132 – Modern Dance II 2 credit hours
The purpose of this course is a continued exploration of the foundations of modern technique and history for the dance student with limited experience. Modern concepts, movements and vocabulary will be explored in more depth and variety through physical practice and observation. Previous dance training is required and the completion of Modern Dance I, or its equivalent, is required. The primary focus of this course is to increase and develop physical coordination, self-awareness, strength, flexibility, musicality and artistic expression through a more in-depth study of modern dance technique.
Total Credits Allowed: 4.00
Prerequisite: DANC 131 or DANC 141 or DANC 148
Additional Course Fee Required

DANC 141 – Ballet I 1 credit hour
The purpose of this course is to introduce the beginning dance student to the foundations of ballet technique and history, the basic technique all Western theatrical dance is based upon. Ballet concepts, movements and vocabulary will be explored through physical practice and observation. No previous dance training is required. The primary focus of this course is to increase and develop one's physical coordination, self-awareness, strength, flexibility, musicality and artistic expression through the study of ballet.
Total Credits Allowed: 3.00
Additional Course Fee Required

DANC 142 – Ballet II 2 credit hours
The purpose of this course is a continued exploration of the foundations of ballet technique and history for the dance student with limited experience. Ballet concepts, movements and vocabulary will be explored in more depth and variety through physical practice and observation. Previous dance training is required and the completion of Ballet I, or its equivalent, is mandatory. The primary focus of this course is to increase and develop one's physical coordination, self-awareness, strength, flexibility, musicality and artistic expression through a more in-depth study of ballet technique.
Total Credits Allowed: 4.00
Prerequisite: DANC 131 or DANC 141 or DANC 148
Additional Course Fee Required
DANC 148 – Jazz Dance I  1 credit hour
A course for the student with little or no experience in dance. Course consists of understanding rhythm, musicality, and style. Course also includes exercises developing isolation of body movement and body strength.
Total Credits Allowed: 3.00
Additional Course Fee Required

DANC 149 – Jazz Dance II  2 credit hours
A continuation of DANC 148 with further emphasis on strength and style. The student learns short movement phrases and begins to build these into longer movement patterns.
Total Credits Allowed: 4.00
Prerequisite: DANC 131 or DANC 141 or DANC 148
Additional Course Fee Required

DANC 200 – Dance Ensemble  1 credit hour
The general objective for this course is for the student to gain practical dance knowledge and experiences in a laboratory (performance) setting. This objective will be accomplished through the student being a member of the performance team for a University-sponsored, academic-season dance production.
Department Consent Required
Total Credits Allowed: 4.00

DANC 236 – Tap Dance I  1 credit hour
The purpose of this course is to introduce the beginning dance student to the foundations of tap technique and history. Tap concepts, movements and vocabulary will be explored through physical practice and observation. No previous dance training is required. The primary focus of this course is to increase and develop one's physical coordination, self-awareness, strength, range of motion, musicality, rhythm and artistic expression through the study of tap dance.
Total Credits Allowed: 3.00

DANC 237 – Tap Dance II  1 credit hour
The purpose of this course is a continued exploration of the foundations of tap technique and history. Tap concepts, movements and vocabulary will be explored in more depth and variety through physical practice and observation. Previous dance training is required and the completion of Tap I, or its equivalent, is required. The primary focus of this course is to increase and develop one's physical coordination, self-awareness, strength, range of motion, musicality, rhythm and artistic expression through a more in-depth study of tap dance.
Total Credits Allowed: 3.00
Prerequisite: DANC 236 or instructor permission

DANC 248 – Jazz Dance III  2 credit hours
The purpose of this course is a continued study of jazz technique for the high intermediate dance student. Advanced technical concepts, movements and vocabulary associated with the jazz syllabus will be explored through more in-depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Jazz Dance I and II, or the equivalent, is recommended. The primary focus of this course is the continued development of one's physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the high intermediate skill set level of jazz.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 148 and DANC 149 and permission of instructor
Additional Course Fee Required

DANC 280H – Special Topics-Honors  3 credit hours

DANC 331 – Modern Dance III  2 credit hours
The purpose of this course is a continued study of modern dance technique for the high intermediate dance student. Advanced technical concepts, movements and vocabulary associated with the modern dance syllabus will be explored through more in-depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Modern Dance I and II, or the equivalent, is required. The primary focus of this course is the continued development of physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the high intermediate skill set level of modern dance.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 131 and DANC 132 and permission of instructor
Additional Course Fee Required

DANC 341A – Creative Projects in Dance  1 credit hour
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 341B – Creative Projects in Dance  2 credit hours
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 341C – Creative Projects in Dance  3 credit hours
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 341D – Creative Projects in Dance  2 credit hours
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 341E – Creative Projects in Dance  3 credit hours
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required

DANC 341F – Creative Projects in Dance  4 credit hours
Designed for the student minoring in Dance who wishes to do specific creative work (rather than research) in the areas of dance composition, performance, and technical design or production.
Department Consent Required
**DANC 343 – Ballet III** 2 credit hours

The purpose of this course is a continued study of ballet technique for the high intermediate dance student. Advanced technical concepts, movements and vocabulary associated with the ballet syllabus will be explored through more in depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Ballet I and II, or the equivalent, is required. The primary focus of this course is the continued development of physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the high intermediate skill set level of ballet.

Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 141 and DANC 142 and instructor permission
Additional Course Fee Required

**DANC 344 – Dance Improvisation and Basic Composition** 3 credit hours

The purpose of this course is to introduce dance students to the foundations of movement improvisation and composition. Dance improvisation concepts and tools, movement origins and vocabulary will be explored through physical practice, observation and discussion. These elements will then be applied to the choreographic process through a series of structured investigations and small projects. Previous dance training is required. The completion of Ballet III, Modern III and/or Jazz III is recommended. The primary focus of this course is to increase and develop one’s personal movement vocabulary and understanding of the basic building blocks of dance composition while nurturing artistic expression and the aesthetic eye.

Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: DANC 131 or DANC 141 or DANC 148 or instructor permission
Additional Course Fee Required

**DANC 346 – Ballet IV** 3 credit hours

The purpose of this course is a continued study of ballet technique for the advanced dance student. Advanced technical concepts, movements, and vocabulary associated with the ballet syllabus will be explored through more in-depth physical practice and observation. Special attention to artistic development, troubleshooting technical inefficiencies, and injury prevention will also be of focus throughout the course. Previous dance training is required and the completion of Ballet III (DANC 343) or the equivalent, is required. The primary focus of this course is the continued development of one’s physical coordination, self-awareness, strength, flexibility, musicality and artistic expression within the advanced skill set level of ballet.

Total Credits Allowed: 6.00
Prerequisite: DANC 343

**DANC 400 – Advanced Dance Ensemble** 1 credit hour

The general objective for this course is for the student to gain practical dance knowledge and experiences in a laboratory (performance) setting. This objective will be accomplished through the student being a member of the performance team for a University-sponsored, academic-season dance production.

Department Consent Required
Total Credits Allowed: 5.00

**DANC 460A – Independent Study in Dance** 1 credit hour

Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

**DANC 460B – Independent Study in Dance** 2 credit hours

Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

**DANC 460C – Independent Study in Dance** 3 credit hours

Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

**DANC 460D – Independent Study in Dance** 4 credit hours

Investigation of selected problems or topics on an individual basis. The student will discuss the proposal with the instructor and will meet with him/her on a bimonthly basis for consultation.
Department Consent Required

## Dance Minor

Offered by Department of Music, Theatre and Dance (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>Requirements</strong> 1</td>
<td></td>
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<tr>
<td>DANC 122</td>
<td>Dance Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>DANC 131</td>
<td>Modern Dance I</td>
<td>1</td>
</tr>
<tr>
<td>DANC 132</td>
<td>Modern Dance II</td>
<td>2</td>
</tr>
<tr>
<td>DANC 331</td>
<td>Modern Dance III</td>
<td>2</td>
</tr>
<tr>
<td>DANC 200</td>
<td>Dance Ensemble</td>
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<tr>
<td>DANC 344</td>
<td>Dance Improvisation and Basic Composition</td>
<td>3</td>
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<tr>
<td><strong>Take 4 hours from the following:</strong> 1</td>
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<tr>
<td>DANC 141</td>
<td>Ballet I</td>
<td></td>
</tr>
<tr>
<td>DANC 142</td>
<td>Ballet II</td>
<td></td>
</tr>
<tr>
<td>DANC 343</td>
<td>Ballet III</td>
<td></td>
</tr>
<tr>
<td>DANC 148</td>
<td>Jazz Dance I</td>
<td></td>
</tr>
<tr>
<td>DANC 149</td>
<td>Jazz Dance II</td>
<td></td>
</tr>
<tr>
<td>DANC 248</td>
<td>Jazz Dance III</td>
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<td><strong>Electives</strong></td>
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<td>Select 6 credit hours of the following: 6</td>
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<tr>
<td>DANC 131</td>
<td>Modern Dance I</td>
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<tr>
<td>DANC 141</td>
<td>Ballet I</td>
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<tr>
<td>DANC 142</td>
<td>Ballet II</td>
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<tr>
<td>DANC 148</td>
<td>Jazz Dance I</td>
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<tr>
<td>DANC 149</td>
<td>Jazz Dance II</td>
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<tr>
<td>DANC 236</td>
<td>Tap Dance I</td>
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<tr>
<td>DANC 237</td>
<td>Tap Dance II</td>
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<td>DANC 248</td>
<td>Jazz Dance III</td>
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<td>THEA 296</td>
<td>Elements of Theatrical Design</td>
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<td>DANC 341A-C</td>
<td>Creative Projects in Dance</td>
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<td>DANC 343</td>
<td>Ballet III</td>
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<tr>
<td>DANC 400</td>
<td>Advanced Dance Ensemble</td>
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</table>
Music (Elementary Education) Minor

Offered by Department of Music, Theatre and Dance (p. 326)

This course of study is only available to students seeking an Elementary Education Endorsement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>MUS 122</td>
<td>Conducting</td>
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<tr>
<td>MUS 198</td>
<td>Sight Singing and Ear Training I</td>
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<tr>
<td>MUS 199</td>
<td>Sight Singing and Ear Training II</td>
<td>1</td>
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<tr>
<td>MUS 200</td>
<td>Music Theory I</td>
<td>3</td>
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<tr>
<td>MUS 201</td>
<td>Music Theory II</td>
<td>3</td>
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<tr>
<td>MUS 357</td>
<td>Elementary Music Methods</td>
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<td>Select 3 credit hours of the following:</td>
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<td>MUS 140</td>
<td>Piano Techniques I</td>
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<td>MUS 141</td>
<td>Piano Techniques II</td>
<td>2</td>
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<tr>
<td>MUS 240</td>
<td>Piano Techniques III</td>
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<td>MUS 260</td>
<td>Keyboard Harmonization</td>
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<td>Select 3-4 credit hours of the following in one area (voice, piano or single band/orchestral instrument):</td>
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<tr>
<td>MUS 150</td>
<td>Private Instruction, Primary Instrument</td>
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<td>Select 0-1 credit hours of the following in secondary area:</td>
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<tr>
<td>MUS 149</td>
<td>Private Instruction, Secondary Instrument</td>
<td>4</td>
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</table>

Music Minor-Elementary Education Ensembles

Select 2 credit hours of the following:

| MUS 103 | Marching Band                              | 2            |
| MUS 104 | Symphonic Band                             |              |
| MUS 105 | Wind Ensemble                              |              |
| MUS 173 | Choraleers                                 |              |
| MUS 174 | University Men’s Chorus                    |              |
| MUS 175 | University Chorus                          |              |
| MUS 176 | University Women’s Chorus                  |              |
| MUS 220 | Kearney Area Symphony Orchestra            |              |

Electives

Select any 3 credit hours of Music Electives

Total Credit Hours

Requirements may be met through proficiency examinations; hours to be replaced by Dance Electives; see advisor.

Music Business, Music Composition Emphases

Offered by Department of Music, Theatre and Dance (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>General Studies</td>
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<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<td></td>
<td>Foundational Core courses (p. 460)</td>
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<td>MATH 102 College Algebra</td>
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<td></td>
<td>Portal</td>
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<td>Select one course numbered 188 (p. 465)</td>
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<tr>
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<td>Distribution</td>
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<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
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<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
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<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
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<td></td>
<td>MUS 347 Music History and Literature I</td>
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<td>Humanities (p. 464)</td>
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<td></td>
<td>Social Sciences (p. 465)</td>
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<td>Natural Sciences (p. 464)</td>
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<tr>
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<td></td>
<td>PHYS 155 &amp; 155L Science of Sound and Music and Science of Sound and Music Laboratory</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUS 200 Music Theory I</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>CYBR 182 Software Productivity Tools</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Major Option</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>68-72</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>117-121</td>
</tr>
</tbody>
</table>

Candidates for degrees must satisfactorily complete an exit assessment including a portfolio before graduation.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 122</td>
<td>Conducting</td>
<td>1</td>
</tr>
</tbody>
</table>

Requirements may be met through proficiency examination; credit hours to be replaced by Music Electives; see advisor.

Excep MUS 188 or MUS 388.
### Music Comprehensive Emphasis Requirements

Select one of the following:
- Music Business Emphasis (p. 341)
- Music Composition Emphasis (p. 341)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 198</td>
<td>Sight Singing and Ear Training I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 199</td>
<td>Sight Singing and Ear Training II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 201</td>
<td>Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 337</td>
<td>Sight Singing and Ear Training III</td>
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<td>MUS 339</td>
<td>Music Theory III</td>
<td>3</td>
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<tr>
<td>MUS 348</td>
<td>Music History and Literature II</td>
<td>3</td>
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<tr>
<td>MUS 425</td>
<td>Arranging</td>
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</table>

### Music Business Emphasis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUS 211</td>
<td>Sound Recording and Reinforcement</td>
<td>2</td>
</tr>
<tr>
<td>MUS 301</td>
<td>Music Technology</td>
<td>2</td>
</tr>
<tr>
<td>MUS 310</td>
<td>Music Business</td>
<td>3</td>
</tr>
<tr>
<td>MUS 312</td>
<td>Adv Sound Production</td>
<td>2</td>
</tr>
<tr>
<td>MUS 475</td>
<td>Internship in Music Business</td>
<td>7</td>
</tr>
</tbody>
</table>

### Music Business Piano Requirements

Select one of the following options: 3
- Select 3 credit hours of the following: 4
  - MUS 140 Piano Techniques I 5
  - MUS 141 Piano Techniques II 5
  - MUS 240 Piano Techniques III 5
- or
  - Select 3 credit hours of the following:
    - MUS 260 Keyboard Harmonization 5
    - Music Electives 5

### Music Business Private Instruction

Select 7 credit hours of the following: 7
- Select 3-6 credit hours of the following in one area (voice, piano or single band/orchestra instrument): 7
  - MUS 150 Private Instruction, Primary Instrument
- Select 1-4 credit hours of the following in one area (voice, piano or single band/orchestra instrument):
  - MUS 350 Advanced Private Instruction

### Music Business Ensembles

Select 7 credit hours of any of the following: 8
- MUS 103 Marching Band
- MUS 104 Symphonic Band
- MUS 105 Wind Ensemble
- MUS 173 Choraleers
- MUS 174 University Men's Chorus
- MUS 176 University Women's Chorus
- MUS 220 Kearney Area Symphony Orchestra

### Music Business Emphasis Electives

Select a minimum of 5 credit hours from the following: 5
- MUS 103-MUS 499 9

### Music Business Supporting Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>MGT 301</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>MKT 300</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MKT 331</td>
<td>Professional Selling</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 3 credit hours of the following: 10
- ACCT 100-ACCT 499
- FIN 100-FIN 499
- MGT 100-MGT 499
- MIS 100-MIS 499
- MKT 100-MKT 499

### Total Credit Hours

68-72

### Music Composition Emphasis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>MUS 110</td>
<td>Brass Techniques</td>
<td>5</td>
</tr>
<tr>
<td>MUS 111</td>
<td>Woodwind Techniques</td>
<td>5</td>
</tr>
<tr>
<td>MUS 114</td>
<td>Percussion Techniques</td>
<td>5</td>
</tr>
<tr>
<td>MUS 120</td>
<td>String Techniques</td>
<td>5</td>
</tr>
<tr>
<td>MUS 130</td>
<td>Voice Techniques</td>
<td>5</td>
</tr>
<tr>
<td>MUS 211</td>
<td>Sound Recording and Reinforcement</td>
<td>2</td>
</tr>
<tr>
<td>MUS 301</td>
<td>Music Technology</td>
<td>2</td>
</tr>
<tr>
<td>MUS 338</td>
<td>Sight Singing and Ear Training IV</td>
<td>1</td>
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<td>MUS 340</td>
<td>Music Theory IV</td>
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<tr>
<td>MUS 365</td>
<td>Form and Analysis</td>
<td>2</td>
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<tr>
<td>MUS 387</td>
<td>Recital</td>
<td>1</td>
</tr>
<tr>
<td>MUS 460</td>
<td>Independent Study and Research</td>
<td>2</td>
</tr>
<tr>
<td>MUS 488</td>
<td>Recital</td>
<td>1</td>
</tr>
<tr>
<td>MUS 406</td>
<td>Instrumental Conducting &amp; Literature</td>
<td>2</td>
</tr>
<tr>
<td>or MUS 407</td>
<td>Choral Conducting and Literature</td>
<td></td>
</tr>
</tbody>
</table>

### Music Composition Piano Requirements

Select one of the following options: 4
- Select 4 credit hours of the following:
  - MUS 140 Piano Techniques I 5
  - MUS 141 Piano Techniques II 5
  - MUS 240 Piano Techniques III 5
  - MUS 241 Piano Techniques IV 5
- or
  - Select the following:
    - MUS 260 Keyboard Harmonization 5
  - Music Electives (3 credit hours) 6

### Music Composition Private Instruction

#### Private Instruction: Composition

Select 14 credit hours of the following: 14
- Select 3-7 credit hours (composition) of the following:
  - MUS 150 Private Instruction, Primary Instrument
  - MUS 151 Private Instruction, Primary Instrument
  - MUS 152 Private Instruction, Primary Instrument
- Select 7-11 credit hours (composition) of the following:
  - MUS 350 Advanced Private Instruction
  - MUS 351 Advanced Private Instruction

#### Private Instruction: Primary Instrument/Voice

Select 14 credit hours of the following:
- MUS 150 Private Instruction, Primary Instrument
- MUS 151 Private Instruction, Primary Instrument
- MUS 152 Private Instruction, Primary Instrument
- MUS 350 Advanced Private Instruction
- MUS 351 Advanced Private Instruction
Music Education PK-12, Bachelor of Music

Offered by Department of Music, Theatre and Dance (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>MUS 347</td>
<td>Music History and Literature I</td>
<td>6</td>
</tr>
<tr>
<td>PSCI 110</td>
<td>Introduction to American Politics</td>
<td>3</td>
</tr>
<tr>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>3</td>
<td></td>
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<tr>
<td>MUS 200</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>PE 150</td>
<td>Healthy Wealthy and Wise</td>
<td>3</td>
</tr>
<tr>
<td>MUS 109</td>
<td>Introduction to Music Education</td>
<td>1</td>
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</table>

Candidates for degrees must satisfactorily complete an exit assessment including a portfolio before graduation.

Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MUS 109</td>
<td>Introduction to Music Education</td>
<td>1</td>
</tr>
</tbody>
</table>
MUS 110 Brass Techniques
MUS 111 Woodwind Techniques
MUS 114 Percussion Techniques
MUS 120 String Techniques
MUS 122 Conducting
MUS 198 Sight Singing and Ear Training I
MUS 199 Sight Singing and Ear Training II
MUS 201 Music Theory I
MUS 337 Sight Singing and Ear Training III
MUS 338 Sight Singing and Ear Training IV
MUS 339 Music Theory III
MUS 340 Music Theory IV
MUS 348 Music History and Literature II
MUS 356 Field Experience in the Elementary Music Classroom
MUS 357 Elementary Music Methods
MUS 406 Instrumental Conducting & Literature
MUS 407 Choral Conducting and Literature
MUS 425 Arranging
MUS 467 Field Experience in the Secondary Music Classroom
MUS 130 Voice Techniques
or MUS 145 Diction for Singers I
Select 4 credit hours of the following:
MUS 140 Piano Techniques I
MUS 141 Piano Techniques II
MUS 240 Piano Techniques III
MUS 241 Piano Techniques IV
MUS 260 Keyboard Harmonization
Music Education Private Instruction
Select 6 credit hours of the following:
Select 3-4 credit hours of the following in one area (voice, piano or single band/orchestral instrument):
MUS 150 Private Instruction, Primary Instrument
Select 2-3 credit hours of the following in same area as above (voice, piano or single band/orchestral instrument):
MUS 350 Advanced Private Instruction
Select 1 credit hour in same area as above (voice, piano or single band/orchestral instrument):
MUS 350R Advanced Applied Instruction with Recital
Music Education Ensembles
Students must enroll in an ensemble every semester for a minimum of 4 semesters; at least 3 credit hours must be earned in an ensemble that matches the student's principal applied area. At least 1 credit hour must be earned in an ensemble outside the student's principal applied area. Students must have experience in both instrumental and vocal ensembles.
Select 4 credit hours of the following:
MUS 103 Marching Band
MUS 104 Symphonic Band
MUS 105 Wind Ensemble
MUS 174 University Men's Chorus
MUS 176 University Women's Chorus
MUS 220 Kearney Area Symphony Orchestra
Total Credit Hours
51

1 Students must apply for admission to all Teacher Education programs (p. 404).
2 Requirements may be met through proficiency examination; credit hours to be replaced by Music Electives; see advisor.
3 Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.
4 Students must enroll in private instruction on primary instrument/voice every semester for a minimum of 4 semesters.

Music Minor

Offered by Department of Music, Theatre and Dance (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 198</td>
<td>Sight Singing and Ear Training I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 199</td>
<td>Sight Singing and Ear Training II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 200</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 201</td>
<td>Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 347</td>
<td>Music History and Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 348</td>
<td>Music History and Literature II</td>
<td>3</td>
</tr>
<tr>
<td>Select 2 credit hours of the following:</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>MUS 140</td>
<td>Piano Techniques I</td>
<td>2</td>
</tr>
<tr>
<td>MUS 141</td>
<td>Piano Techniques II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 149</td>
<td>Private Instruction, Secondary Instrument</td>
<td></td>
</tr>
<tr>
<td>MUS 260</td>
<td>Keyboard Harmonization</td>
<td>2</td>
</tr>
</tbody>
</table>

Music Minor Private Instruction
Select 4 credit hours of the following:
Select 3-4 credit hours of the following in one area (voice, piano or single band/orchestral instrument):
MUS 150 Private Instruction, Primary Instrument
Select 0-1 credit hours of the following in secondary area:
MUS 149 Private Instruction, Secondary Instrument

Music Minor Ensembles
Select 2 credit hours of the following:
MUS 103 Marching Band
MUS 104 Symphonic Band
MUS 105 Wind Ensemble
MUS 173 Choraleers
MUS 174 University Men's Chorus
MUS 175 University Chorus
MUS 176 University Women's Chorus
MUS 220 Kearney Area Symphony Orchestra

Electives
Select 2 credit hours of any Music Electives

Total Credit Hours
24

1 Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.
2 Requirements may be met through proficiency examination; credit hours to be replaced by Music Electives; see advisor.

3 Except MUS 188 or MUS 388.

Music Performance Comprehensive, Bachelor of Music

Offered by Department of Music, Theatre and Dance (p. 326)

Instrumental, Piano Performance, Piano Performance with Pedagogy, Vocal Emphases

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

General Studies

Foundational Core (Written, Math, Oral, Democracy)

Foundational Core courses (p. 460) 12

Portal

Select one course numbered 188 (p. 465) 3

Distribution

ENG 101 Introduction of Academic Writing 3

If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Including:

Vocal Emphasis: See advisor for language requirement.

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 3

Including:

MUS 200 Music Theory I

Wellness (p. 466) 0

Capstone

Select one course numbered 388 (p. 461) 3

Major Option

Complete all required courses 70-81

Unrestricted electives

Needed to reach 120 credit hour minimum 0

Total Credit Hours 116-127

Candidates for degrees must satisfactorily complete an exit assessment including a portfolio before graduation.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
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Music Performance Core Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUS 198</td>
<td>Sight Singing and Ear Training I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 199</td>
<td>Sight Singing and Ear Training II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 201</td>
<td>Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 337</td>
<td>Sight Singing and Ear Training III</td>
<td>1</td>
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<td>MUS 338</td>
<td>Sight Singing and Ear Training IV</td>
<td>1</td>
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<td>MUS 339</td>
<td>Music Theory III</td>
<td>3</td>
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<td>MUS 340</td>
<td>Music Theory IV</td>
<td>3</td>
</tr>
<tr>
<td>MUS 347</td>
<td>Music History and Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 348</td>
<td>Music History and Literature II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 365</td>
<td>Form and Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MUS 425</td>
<td>Arranging</td>
<td>2</td>
</tr>
<tr>
<td>MUS 351R</td>
<td>Advanced Private Instruction with Junior Recital</td>
<td>2</td>
</tr>
<tr>
<td>MUS 488</td>
<td>Recital (Senior Recital)</td>
<td>1</td>
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</tbody>
</table>

Music Performance Private Instruction

Select 12 credit hours of the following: 12

Including:

MUS 351 Advanced Private Instruction (6 credit hours)

Select 6 credit hours of the following in one area (voice, piano or single band/orchestral instrument):

MUS 150 Private Instruction, Primary Instrument

MUS 151 Private Instruction, Primary Instrument

Music Performance Ensemble Option

Select one of the following options: 4-8

Option for Piano Majors

Select 4 credit hours of the following:

MUS 103 Marching Band

MUS 104 Symphonic Band

MUS 105 Wind Ensemble

MUS 173 Choraleers

MUS 174 University Men's Chorus

MUS 176 University Women's Chorus

MUS 220 Kearney Area Symphony Orchestra

Option for Instrumental and Vocal Majors

Select 8 credit hours of the following:

MUS 103 Marching Band

MUS 104 Symphonic Band

MUS 105 Wind Ensemble

MUS 173 Choraleers

MUS 174 University Men's Chorus

MUS 176 University Women's Chorus

MUS 220 Kearney Area Symphony Orchestra

Music Performance Supporting Courses

Select one of the following: 28-35

Instrumental Emphasis (p. 345)

Piano Emphasis, Piano Performance (p. 345)

Piano Emphasis, Piano Pedagogy (p. 345)

Vocal Emphasis (p. 345)

Total Credit Hours 70-81
## Music Performance Emphases

### Instrumental Emphasis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 122</td>
<td>Conducting</td>
<td>1</td>
</tr>
<tr>
<td>MUS 406</td>
<td>Instrumental Conducting &amp; Literature</td>
<td>2</td>
</tr>
<tr>
<td>MUS 460</td>
<td>Independent Study and Research</td>
<td>3</td>
</tr>
</tbody>
</table>

Select 1 credit hour of the following:

- MUS 110 Brass Techniques 5
- MUS 111 Woodwind Techniques 5
- MUS 114 Percussion Techniques 5
- MUS 120 String Techniques 5

Select 4 credit hours of the following:

- MUS 140 Piano Techniques I 5
- MUS 141 Piano Techniques II 5
- MUS 240 Piano Techniques III 5
- MUS 241 Piano Techniques IV 5
- MUS 260 Keyboard Harmonization 5

Private Instruction

- MUS 149 Private Instruction, Secondary Instrument

Electives

Select 13 credit hours of the following:

- MUS 103-MUS 299 7
- MUS 300-MUS 499 8

Total Credit Hours 28

### Piano Performance Emphasis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>MUS 122</td>
<td>Conducting</td>
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<td>MUS 166</td>
<td>Accompanying</td>
<td>2</td>
</tr>
<tr>
<td>MUS 167</td>
<td>Practicum in Accompanying</td>
<td>3</td>
</tr>
<tr>
<td>MUS 260</td>
<td>Keyboard Harmonization</td>
<td>1</td>
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<tr>
<td>MUS 301</td>
<td>Music Technology</td>
<td>2</td>
</tr>
<tr>
<td>MUS 432</td>
<td>Fundamentals of Piano Pedagogy I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 433</td>
<td>Fundamentals of Piano Pedagogy II</td>
<td>2</td>
</tr>
<tr>
<td>MUS 434</td>
<td>Advanced Piano Pedagogy I: History, Philosophies and Principles of Piano Pedagogy</td>
<td>2</td>
</tr>
<tr>
<td>MUS 435</td>
<td>Advanced Piano Pedagogy II: Pedagogical Approaches to Keyboard Literature</td>
<td>2</td>
</tr>
<tr>
<td>MUS 460</td>
<td>Independent Study and Research (Piano Pedagogy)</td>
<td>2</td>
</tr>
</tbody>
</table>

Piano Pedagogy Internship

- MUS 436 Internship in Piano Teaching

Required Option

- MUS 456 Piano Literature I
- or MUS 457 Piano Literature II

Electives

Select 6 credit hours of the following:

- MUS 103-MUS 499 7,8,9

Total Credit Hours 33-35

### Vocal Emphasis

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 122</td>
<td>Conducting</td>
<td>1</td>
</tr>
<tr>
<td>MUS 145</td>
<td>Diction for Singers I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 245</td>
<td>Diction for Singers II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 407</td>
<td>Choral Conducting and Literature</td>
<td>2</td>
</tr>
<tr>
<td>MUS 430</td>
<td>Vocal Pedagogy</td>
<td>3</td>
</tr>
<tr>
<td>MUS 460</td>
<td>Independent Study and Research</td>
<td>1</td>
</tr>
</tbody>
</table>

Select 4 credit hours of the following:

- MUS 140 Piano Techniques I 5
- MUS 141 Piano Techniques II 5
- MUS 240 Piano Techniques III 5
- MUS 241 Piano Techniques IV 5
- MUS 260 Keyboard Harmonization 5
- MUS 450 Survey of Art Song
- or MUS 451 History & Literature of Opera

Private Instruction

Select 4 credit hours of the following:

- MUS 149 Private Instruction, Secondary Instrument 10

Foreign Language

Select 0-5 credit hours FREN or GERM of the following: 0-5
Music, Bachelor of Arts

Offered by Department of Music, Theatre and Dance (p. 326)

Music Major

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>FREN 100</td>
<td>Beginning French I</td>
</tr>
<tr>
<td>FREN 101</td>
<td>Beginning French II</td>
</tr>
<tr>
<td>FREN 200</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FREN 201</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>GERM 100</td>
<td>Beginning German I</td>
</tr>
<tr>
<td>GERM 101</td>
<td>Beginning German II</td>
</tr>
<tr>
<td>GERM 200</td>
<td>Intermediate German I</td>
</tr>
<tr>
<td>GERM 201</td>
<td>Intermediate German II</td>
</tr>
<tr>
<td>GERM 205</td>
<td>Culture, Conversation and Composition</td>
</tr>
</tbody>
</table>

Electives

Select 8 credit hours of the following: 8

Select 0-4 credit hours of the following:
MUS 103-MUS 299 7

Select 4-8 credit hours of the following:
MUS 300-MUS 499 8

Total Credit Hours 28-33

1. Students must enroll in private instruction on primary instrument/voice every semester for a minimum of 8 semesters.
2. See advisor before choosing Ensembles.
3. Students must enroll in ensemble or accompanying every semester for a minimum of 8 semesters.
4. Students must enroll in ensemble every semester for a minimum of 8 semesters.
5. Requirements may be met through proficiency examination; credit hours to be replaced by Music Electives; see advisor.
6. Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.
7. Except MUS 188.
8. Except MUS 388.
9. Senior credit hours are recommended—see advisor.
10. At least two credit hours must be in piano.
11. Language requirement may be met through General Studies 200-level coursework in French or German (Humanities).
12. While completing MUS 351R, do not enroll in MUS 351.
13. Students must take MUS 488 and MUS 351 together.

Music, Bachelor of Arts

Offered by Department of Music, Theatre and Dance (p. 326)

Music Major

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
</table>

General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 12

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

Capstone

Select one course numbered 388 (p. 461) 3

BA Language requirement

Complete all required courses 1 6

Major Option

Complete all required courses 37

Minor or 2nd Major

Complete all required courses 2 24

Unrestricted electives

Needed to reach 120 credit hour minimum 8

Total Credit Hours 120

Candidates for degrees must satisfactorily complete an exit assessment including a portfolio before graduation.

Major Option

**Code** | **Title** | **Credit Hours**
---|---|---
MUS 198 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Sight Singing and Ear Training I &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 1
MUS 199 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Sight Singing and Ear Training II &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 1
MUS 200 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Music Theory I &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 3
MUS 201 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Music Theory II &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 3
MUS 337 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Sight Singing and Ear Training III &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 1
MUS 338 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Sight Singing and Ear Training IV &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 1
MUS 339 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Music Theory III &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 3
MUS 340 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Music Theory IV &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 3
MUS 347 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Music History and Literature I &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 3
MUS 348 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Music History and Literature II &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 3
MUS 365 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Form and Analysis &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; 2
Select 3 credit hours of the following: 3
MUS 140 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Piano Techniques I 4
MUS 141 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Piano Techniques II 4
MUS 240 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Piano Techniques III 4
MUS 260 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Keyboard Harmonization 4

Music Private Instruction

Select 8 credit hours of the following: 8

Select 3-5 credit hours of the following in one area (voice, piano or single band/orchestral instrument):
MUS 150 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Private Instruction, Primary Instrument

Select 3-5 credit hours of the following in same area as above (voice, piano or single band/orchestral instrument):
MUS 350 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Advanced Private Instruction

Select 0-2 credit hours of the following in any one area (voice, piano or single band/orchestral instrument):
MUS 149 &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp; Private Instruction, Secondary Instrument
Music Ensembles
Select 2 credit hours of the following:

- MUS 103 Marching Band
- MUS 104 Symphonic Band
- MUS 105 Wind Ensemble
- MUS 173 Choraleers
- MUS 174 University Men's Chorus
- MUS 176 University Women's Chorus
- MUS 220 Kearney Area Symphony Orchestra

Total Credit Hours 37

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3. Placement into the appropriate level piano class will be determined by the piano faculty at the time of the entrance audition.
4. Requirements may be met through proficiency examination; credit hours to be replaced by Music Electives. See advisor.

Musical Theatre Comprehensive, Bachelor of Music
Offered by Department of Music, Theatre and Dance (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
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<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
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<tr>
<td></td>
<td>Portal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUS 101 American Musical Theatre</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>DANC 122 Dance Appreciation</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>or THEA 120 Introduction to the Theatre</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MUS 200 Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Major Option</td>
<td></td>
</tr>
</tbody>
</table>

Complete all required courses 71
Total Credit Hours 120

Candidates for degrees must satisfactorily complete an exit assessment including a portfolio before graduation.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Musical Theatre Core Requirements</td>
<td></td>
</tr>
<tr>
<td>MUS 122</td>
<td>Conducting</td>
<td>1</td>
</tr>
<tr>
<td>MUS 145</td>
<td>Diction for Singers I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 198</td>
<td>Sight Singing and Ear Training I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 199</td>
<td>Sight Singing and Ear Training II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 201</td>
<td>Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 324</td>
<td>Musical Theatre Coaching I</td>
<td>1</td>
</tr>
<tr>
<td>MUS 325</td>
<td>Musical Theatre Coaching II</td>
<td>1</td>
</tr>
<tr>
<td>MUS 326</td>
<td>Musical Theatre Coaching III</td>
<td>1</td>
</tr>
<tr>
<td>MUS 327</td>
<td>Musical Theatre Coaching IV</td>
<td>1</td>
</tr>
<tr>
<td>MUS 337</td>
<td>Sight Singing and Ear Training III</td>
<td>1</td>
</tr>
<tr>
<td>MUS 338</td>
<td>Sight Singing and Ear Training IV</td>
<td>1</td>
</tr>
<tr>
<td>MUS 339</td>
<td>Music Theory III</td>
<td>3</td>
</tr>
<tr>
<td>MUS 340</td>
<td>Music Theory IV</td>
<td>3</td>
</tr>
<tr>
<td>MUS 347</td>
<td>Music History and Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 348</td>
<td>Music History and Literature II</td>
<td>3</td>
</tr>
<tr>
<td>MUS 430</td>
<td>Vocal Pedagogy</td>
<td>3</td>
</tr>
<tr>
<td>MUS 488</td>
<td>Recital (Senior)</td>
<td>1</td>
</tr>
</tbody>
</table>

Select 4 credit hours of the following: 4

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MUS 140 Piano Techniques I</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>MUS 141 Piano Techniques II</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>MUS 240 Piano Techniques III</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>MUS 241 Piano Techniques IV</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>MUS 260 Keyboard Harmonization</td>
<td>2</td>
</tr>
</tbody>
</table>

Musical Theatre Private Instruction-Voice 3

Select 11 credit hours of the following: 11

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 351R</td>
<td>Advanced Private Instruction with Junior Recital</td>
<td></td>
</tr>
</tbody>
</table>

Select 2-4 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 150</td>
<td>Private Instruction, Primary Instrument</td>
<td></td>
</tr>
<tr>
<td>MUS 151</td>
<td>Private Instruction, Primary Instrument</td>
<td></td>
</tr>
</tbody>
</table>

Select 5-7 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 350</td>
<td>Advanced Private Instruction</td>
<td></td>
</tr>
<tr>
<td>MUS 351</td>
<td>Advanced Private Instruction</td>
<td></td>
</tr>
</tbody>
</table>

Musical Theatre Vocal Ensemble 4

Select 3 credit hours of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 173</td>
<td>Choraleers</td>
<td></td>
</tr>
<tr>
<td>MUS 174</td>
<td>University Men's Chorus</td>
<td></td>
</tr>
<tr>
<td>MUS 176</td>
<td>University Women's Chorus</td>
<td></td>
</tr>
</tbody>
</table>

Select 4 credit hours of the following: 4

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 177</td>
<td>Opera Workshop</td>
<td></td>
</tr>
<tr>
<td>MUS 178</td>
<td>Nebraskats</td>
<td></td>
</tr>
</tbody>
</table>

Theatre and Dance Curriculum
Sound Recording Technology Minor

Offered by Department of Music and Performing Arts (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUS 211</td>
<td>Sound Recording and Reinforcement</td>
<td>2</td>
</tr>
<tr>
<td>MUS 311</td>
<td>Practicum in Sound Production</td>
<td>1</td>
</tr>
<tr>
<td>MUS 312</td>
<td>Adv Sound Production</td>
<td>2</td>
</tr>
<tr>
<td>JMC 226</td>
<td>Radio Production &amp; Announcing</td>
<td>3</td>
</tr>
<tr>
<td>JMC 336</td>
<td>Radio Workshop</td>
<td>2</td>
</tr>
<tr>
<td>JMC 414</td>
<td>Communications Law</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 155</td>
<td>Science of Sound and Music</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 155L</td>
<td>Laboratory</td>
<td></td>
</tr>
<tr>
<td>THEA 295</td>
<td>Theatre Practicum</td>
<td>1</td>
</tr>
</tbody>
</table>

Electives

- MATH 102: College Algebra               3
- MATH 106: Mathematics for Liberal Arts 3

Select one of the following: 3

- ITEL 150
- MUS 100: Music Appreciation
- MUS 101: American Musical Theatre
- MUS 106: Introduction to Jazz and Blues
- MUS 107: Introduction to Rock and Blues
- MUS 200: Music Theory I

Total Credit Hours 24

Theatre Minor

Offered by Department of Music, Theatre and Dance (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 120</td>
<td>Introduction to the Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 135</td>
<td>Introduction to Stage Technology</td>
<td>3</td>
</tr>
<tr>
<td>THEA 210</td>
<td>Playscript Analysis</td>
<td>3</td>
</tr>
<tr>
<td>THEA 225</td>
<td>Acting I</td>
<td>3</td>
</tr>
<tr>
<td>THEA 240</td>
<td>Stage Makeup</td>
<td>3</td>
</tr>
<tr>
<td>THEA 241</td>
<td>Introduction to Costume Technology</td>
<td>3</td>
</tr>
<tr>
<td>THEA 296</td>
<td>Elements of Theatrical Design</td>
<td>3</td>
</tr>
<tr>
<td>THEA 322</td>
<td>Theatre and Stage Management</td>
<td>3</td>
</tr>
<tr>
<td>THEA 423</td>
<td>Advanced Theatre Practicum</td>
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<tr>
<td>THEA 480</td>
<td>Play Direction</td>
<td>3</td>
</tr>
<tr>
<td>THEA 413</td>
<td>History of Theatre I</td>
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<tr>
<td>or THEA 414</td>
<td>History of Theatre II</td>
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</tbody>
</table>

Total Credit Hours 31

Supplemental Endorsement in Theatre

Offered by Department of Music, Theatre and Dance (p. 326)

Students must complete one Teaching Subject Endorsement or one Field Endorsement in addition to this Supplemental Endorsement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 120</td>
<td>Introduction to the Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 135</td>
<td>Introduction to Stage Technology</td>
<td>3</td>
</tr>
<tr>
<td>THEA 210</td>
<td>Playscript Analysis</td>
<td>3</td>
</tr>
<tr>
<td>THEA 225</td>
<td>Acting I</td>
<td>3</td>
</tr>
<tr>
<td>THEA 240</td>
<td>Stage Makeup</td>
<td>3</td>
</tr>
<tr>
<td>THEA 421</td>
<td>Playwriting</td>
<td>3</td>
</tr>
<tr>
<td>THEA 425</td>
<td>Acting III</td>
<td>3</td>
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<tr>
<td>THEA 436</td>
<td>Advanced Technical Theatre</td>
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</tr>
<tr>
<td>THEA 438</td>
<td>Technical Direction</td>
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<tr>
<td>THEA 447</td>
<td>Lighting Design</td>
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</tr>
</tbody>
</table>
## Theatre, Bachelor of Arts

Offered by Department of Music, Theatre and Dance (p. 326)

<table>
<thead>
<tr>
<th>Code</th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td><strong>Portal</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Distribution</strong></td>
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</tr>
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<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
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<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
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<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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<td></td>
<td>THEA 120 Introduction to the Theatre</td>
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<td>Humanities (p. 464)</td>
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<td>Social Sciences (p. 465)</td>
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<td>Natural Sciences (p. 464)</td>
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</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
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</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
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</tr>
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<td></td>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
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<tr>
<td></td>
<td><strong>Capstone</strong></td>
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</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>BA Language requirement</strong></td>
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<td></td>
<td>Complete all required courses</td>
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</tr>
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<td></td>
<td><strong>Major Option</strong></td>
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<td>Complete all required courses</td>
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</tr>
<tr>
<td></td>
<td><strong>Minor or 2nd Major</strong></td>
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<tr>
<td></td>
<td>Complete all required courses</td>
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<td></td>
<td><strong>Unrestricted electives</strong></td>
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<td></td>
<td>Needed to reach 120 credit hour minimum</td>
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<td></td>
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</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>THEA 135</td>
<td>Introduction to Stage Technology</td>
<td>3</td>
</tr>
<tr>
<td>THEA 210</td>
<td>Playscript Analysis</td>
<td>3</td>
</tr>
<tr>
<td>THEA 225</td>
<td>Acting I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Take one course from the following:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THEA 413 History of Theatre I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THEA 414 History of Theatre II</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THEA 415 History of Theatre III</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Take 3 hours from:</td>
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<tr>
<td></td>
<td>THEA 295 Theatre Practicum</td>
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### Acting and Directing Emphasis

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>Acting and Directing Emphasis</strong></td>
<td>18</td>
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<td></td>
<td>Take all of the following:</td>
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<tr>
<td></td>
<td>THEA 226 Acting II</td>
<td>3</td>
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<tr>
<td></td>
<td>THEA 240 Stage Makeup</td>
<td>3</td>
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<tr>
<td></td>
<td>THEA 306 Movement for the Stage</td>
<td>3</td>
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<tr>
<td></td>
<td>THEA 425 Acting III</td>
<td>3</td>
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<tr>
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<td>THEA 480 Play Direction</td>
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<td>Take one course from the following:</td>
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<tr>
<td></td>
<td>THEA 350 Survey of Dramatic Literature I</td>
<td></td>
</tr>
<tr>
<td></td>
<td>THEA 351 Survey of Dramatic Literature II</td>
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### Production and Design Emphasis

<table>
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<th>Credit Hours</th>
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<tr>
<td></td>
<td><strong>Production and Design Emphasis</strong></td>
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<tr>
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<td>Take all of the following:</td>
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</tr>
<tr>
<td></td>
<td>THEA 241 Introduction to Costume Technology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>THEA 296 Elements of Theatrical Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>THEA 322 Theatre and Stage Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>THEA 419 Costume Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>THEA 420 Scenic Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>THEA 447 Lighting Design</td>
<td>3</td>
</tr>
</tbody>
</table>

**Department of Physics and Astronomy**

### Department Objectives

- To provide the background necessary for understanding the highly scientific age in which we live;
- To prepare students for careers and for graduate work in physics and other closely allied fields;
- To prepare teachers in subject matter and in methods for the teaching of Physics, Astronomy and related fields;
- To furnish pre-professional work for those preparing for a career in science and related fields.

1 For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25). A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
Physics and Physical Science Major

Six options are available in this major:

1. P (http://aaunk.unk.edu/catalogs/16-17cat/ba/baphys.asp) - Bachelor of Arts Degree
   or Physics (p. 361) - Bachelor of Science Degree
2. Physics Comprehensive (p. 359) - Bachelor of Science Degree
3. Physics Comprehensive Engineering Emphasis (p. 358) - Bachelor of Science Degree
4. Physical Science (p. 356) - Bachelor of Arts Degree
   or Physical Science (p. 357) - Bachelor of Science Degree
5. Astronomy (p. 354) - Bachelor of Science Degree
6. Astrophysics Comprehensive (p. 354) - Bachelor of Science Degree
7. Physics 7-12 Teaching Subject Endorsement (p. 357) - Bachelor of Science in Education Degree

A minor in Physics (p. 360) is available for students pursuing majors in other disciplines. A science minor (p. 362) is available for Elementary Education majors.

Pre-professional Programs are available in Engineering Foundations 2+2 (for UNL) (p. 355) and Pre-Meteorology (p. 361).

Tim Reece, Chair
Professor: Kenneth Trantham
Associate Professor: Adam Jensen, Timothy Reece
Assistant Professor: Said Abushamleh, Jeremy Armstrong, Joel Berrier, Diganta Dutta, Mariana Lazarova

Engineering (ENGR)

ENGR 10 – Freshman Engineering Seminar 0 credit hours
Overview of the engineering field as well as major specific information. Information will be provided to help with transitional needs to UNL and the college of engineering (time management, study skills, and resources), involvement opportunities (student organizations, research, and study abroad), tours of engineering facilities for experiential learning, and interactive learning to increase business knowledge and skills.

ENGR 101 – Introduction to Engineering 3 credit hours
Students will examine relevant and practical industrial and commercial engineering applications to gain necessary engineering skills that will help them succeed as a student as well as a professional engineer. A variety of engineering disciplines will be highlighted and discussed, as well as topics in the underlying physical, chemical, and biological scientific principles and processes related to each topic. The class will use a specified focus area that involves real world applications to aid in the conceptualization and learning of the course material. Corequisite: MATH 103 or MATH 115 or MATH 202.

ENGR 130 – Computer Aided Drafting for Mechanical Engineering 3 credit hours
Principles and accepted practices of geometric design in mechanical engineering. Computer generation of 2D and 3D models for mechanical systems. Introduction to engineering design practices such as specifications, dimensioning, and tolerance. Prerequisite: ENGR 101

Physics (PHYS)

PHYS 100 – Physical Science 3 credit hours
An introduction to the natural laws governing the physical world, with emphasis upon the development of these laws and their effect upon man. The course should instill a basic understanding of physical science; the scientific methods of physics, chemistry, geology, and astronomy. With this understanding, the student should be able to solve simple problems dealing in these areas. The student should realize how these areas are used in modern technology. Finally, the student should be able to make informed choices in their daily lives regarding issues of science and technology. Prerequisite: ACT Math Score of 17 or above or completion of MATH 101 or above with a grade of C or above. Corequisite: PHYS 100L.

PHYS 100L – Physical Science Laboratory 1 credit hour
A laboratory experience in physical science (mechanics, thermodynamics, chemistry, electricity, magnetism, optics, and astronomy) to accompany PHYS100. Corequisite: PHYS 100. Additional Course Fee Required
PHYS 107 – Physical Science for Elementary Teachers 4 credit hours
An introduction to physics and chemistry designed for Elementary Education majors where basic concepts will be emphasized. The laboratory will focus on experiments that can be used to illustrate the essentials of the disciplines. Laboratory safety, scientific methodology, and problem solving will also be emphasized. Prerequisite: MATH ACT score of 17 or greater or MATH 101 with a grade of C or above.

PHYS 123 – Freshman Physics Seminar 3 credit hours
Introductory course in physics, offering the students an overview of careers in physics and the research of the faculty in the Department of Physics and Astronomy. The course will help students succeed in physics by helping them develop problem solving and mathematics skill. An experimental approach will be taken to a broad range of exciting contemporary ideas. The topics covered range from simple geometric optics, the speed of light, and analysis of motion, to the photoelectric effect. This is a studio course, a blend of laboratory and lecture format, with a focus on a hands-on approach to the topics Corequisite: MATH 103 or MATH 115 or MATH 202.

PHYS 131H – Newton’s Universe 4 credit hours
This course is designed to provide students with an understanding and appreciation of science as a human activity, its historical role in shaping our self and world views, its impact on the human condition, and its philosophical implications for their ultimate destiny. An associated laboratory, using inquiry-oriented activities, allows students to experience the process of science.

PHYS 155 – Science of Sound and Music 3 credit hours
This course will address the how and why aspects of sound and music. It is intended to be a journey from the starting point where a sound is produced in an instrument, to the overtones produced by the instrument, and ultimately through its reception and enjoyment in the mind. We will discuss the mathematical and physical basis for common musical scales and how musical instruments are designed to produce musical notes for these scales. This course is designed for students majoring in Music, Speech and Hearing, Audio Technology, and Telecommunications, as well as other students having a general interest in the physics of sound and music Prerequisite: MATH 102 or higher.
Corequisite: PHYS 155L.

PHYS 155L – Science of Sound and Music Laboratory 1 credit hour
A laboratory experience into the physical science of sound and music to accompany PHYS155.
Corequisite: PHYS 155.

PHYS 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: MATH 102 or Math ACT score of 20 or greater and ENG 101 or English ACT score of 15 or greater and freshman or sophomore standing.

PHYS 201 – Earth Science 4 credit hours
Inquiry activities are used to teach basic concepts of meteorology, geology, and astronomy. Emphasis is placed on process and critical thinking skills as well as on environmental issues. Additional Course Fee Required

PHYS 205 – General Physics I 4 credit hours
Students will study the fundamental laws of mechanics, thermodynamics, and waves at a level suitable for those with knowledge of algebra. We will develop concepts and formalism in these areas. With this understanding, the student will be able to solve simple problems. Also, the student should realize how these areas are used in modern technology and connected to other disciplines. The primary audience for this class are those not specifically interested in advanced work in physics or chemistry. Prerequisite: MATH 102 with a grade of B+ or above or MATH 103 with a grade of B+ or above or MATH 115 or Math ACT score of 20 or above. Corequisite: PHYS 205L.

PHYS 205L – Physics I Laboratory 1 credit hour
A laboratory experience in mechanics, thermodynamics, and waves to accompany PHYS 205.
Corequisite: PHYS 205.
Additional Course Fee Required

PHYS 206 – General Physics II 4 credit hours
A continuation of PHYS205. The course will present an elementary understanding of electricity and magnetism, light and optics, relativistic physics and quantum physics. We will develop concepts and formalism in these areas. With this understanding, the student will be able to solve simple problems. Also, the student will realize how these areas are used in modern technology and connected to other disciplines. Prerequisite: PHYS 205 and PHYS 205L.
Corequisite: PHYS 206.

PHYS 206L – Physics Laboratory II 1 credit hour
A laboratory experience in electricity, magnetism, and optics to accompany PHYS206.
Corequisite: PHYS 206.
Additional Course Fee Required

PHYS 209 – Meteorology 3 credit hours
Basic principles of the science associated with the atmosphere including atmospheric structure, dynamics, and processes. Topics include atmospheric energy balance, cloud and precipitation process, dynamical stability, local and global wind dynamics, weather forecasting, meteorological instruments, storm development, climate change, and applications of meteorology to agriculture, aviation, and environmental issues. Prerequisite: Math 102 or permission of instructor Enrollment not allowed in PHYS 209 if GEOG 209 has been completed

PHYS 210 – Astronomy 3 credit hours
The goal of this course is to introduce students to the growth of knowledge about our universe. Topics include: the Earth, Moon, planets, Sun, stars, galaxies and cosmology. The course uses the resources of the UNK planetarium and observatory. Prerequisite: MATH 102

PHYS 210L – General Astronomy Laboratory 1 credit hour
Fundamentals of astronomical observation, the use of introductory astronomical instruments, and application of charts and almanacs to finding one's way about the night sky. Prerequisite: Concurrent enrollment or completion of PHYS 210 or PHYS 211 or consent of instructor
PHYS 211 – Planetary Astronomy  3 credit hours
Examination of the Sun’s family of nine planets, attendant satellites, and interplanetary debris; processes at work in the Solar System; search for planets elsewhere in the Galaxy. This course uses the resources of the UNK planetarium and observatory.

PHYS 213 – Electrical Circuits I  3 credit hours
Introduction to electrical circuit theory and analysis techniques. DC circuits and transient circuit responses are studied with an emphasis on computer-aided simulation and analysis. Inductors, capacitors and transformers are studied within the context of transient circuit responses. Prerequisite: MATH 202

PHYS 213L – Introductory Electrical Laboratory I  1 credit hour
Take concurrently with PHYS 213.
Corequisite: PHYS 213.
Additional Course Fee Required

PHYS 275 – General Physics I (Calculus)  4 credit hours
Students will study the fundamental laws of mechanics, thermodynamics, and waves at a level suitable for those with knowledge of calculus, and prepares the student for advanced courses in physics. The primary audience for this class consists of those planning advanced work in physics, engineering, or a related area. Lecture 4 hours. Prerequisite: Concurrent enrollment or completion of MATH 115.
Corequisite: PHYS 275L.

PHYS 275L – General Physics I (Calculus) Laboratory  1 credit hour
A laboratory experience in mechanics, thermodynamics, and waves to accompany PHYS275.
Corequisite: PHYS 275.
Additional Course Fee Required

PHYS 276 – General Physics II (Calculus)  4 credit hours
Students will study the fundamental laws of electrostatics, magnetism, optics, and relativity at a level suitable for those with knowledge of calculus, and prepares the student for advanced courses in physics. The primary audience for this class consists of those planning advanced work in physics, engineering, or a related area. Lecture 4 hours. Prerequisite: PHYS 275 and and PHYS 275L.
Corequisite: PHYS 276L.

PHYS 276L – General Physics II (Calculus) Laboratory  1 credit hour
A laboratory experience in electricity, magnetism, and optics to accompany PHYS 276.
Corequisite: PHYS 276.
Additional Course Fee Required

PHYS 289 – Review in Physics  2 credit hours
The Review in Physics covers an overview of MCAT tests and test-taking strategies and physics content, with an emphasis on concepts application to the problem solving. Tested physics concepts include Newtonian mechanics, thermodynamics, magnetism, light and optics, nuclear physics, and atomic phenomena. Prerequisite: Grade of C or above in PHYS 205 and PHYS 205L and PHYS 206 and PHYS 206L

PHYS 299 – Freshman Seminar in Physics: History, State of the Art and Perspectives  1 credit hour
This seminar is a non-mathematical discussion of 21st century physics (potentially including topics such as relativity, chaos, elementary particles, etc.)
PHYS 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

PHYS 388L – GS Capstone Lab  1 credit hour
Corequisite: PHYS 388.
Additional Course Fee Required

PHYS 399 – Internship  1-4 credit hours
This course emphasizes the professional development of the student in the area of the student's interest. Students should contact a department faculty member who would agree to supervise the work for the semester. A written work plan must be approved by the department chair. Total Credits Allowed: 4.00

PHYS 402 – Analytic Mechanics  4 credit hours
Advanced applications of classical nonrelativistic mechanics. Topics include dynamics of a system of particles, motion in noninertial reference frames, properties of three-dimensional rotations and tensors, dynamics of rigid bodies, and coupled oscillations. The course ends with an introduction to the mechanics of continuous media and applications to fluid dynamics and elasticity. Prerequisite: PHYS 410 and MATH 305 or permission of Instructor

PHYS 407 – Electricity & Magnetism  4 credit hours
Review of Maxwell's equations, electromagnetic fields, and vector calculus. Physical and mathematical properties of static electric and magnetic fields. Topics include electrostatics, electric potential, energy of the electrostatic field, conductors, Laplace's and Poisson's equations, boundary value problems, multipole expansions, dielectric media, magnetostatics, the vector potential, electromagnetic waves (in a vacuum, in infinite linear media, and in bounded regions), optical dispersion in material media, and electromagnetic radiation. Prerequisite: PHYS 410 and MATH 305 or permission of Instructor

PHYS 410 – Mathematical Techniques in Physics I  3 credit hours
A formal development of selected topics from infinite series, determinants and matrices, partial differentiation, vector analysis, Fourier series, functions of a complex variable, and coordinate transformations. Prerequisite: MATH 260 or permission of instructor

PHYS 411 – Mathematical Techniques in Physics II  3 credit hours
A development of series solution of differential equations, partial differential equations, tensor analysis, asymptotic series, integral transforms, and operators. Prerequisite: PHYS 410

PHYS 419 – Quantum Mechanics  4 credit hours
A formal development of the principles of quantum mechanics. The mathematics of Hamiltonian Mechanics are presented as a bridge from Classical Physics to Quantum Physics. Topics include time-dependent quantum mechanics and spectroscopy, perturbation theory, two-level systems, light-matter interactions, relaxation in quantum systems, correlation functions and linear response theory, applications to atomic and molecular physics. Prerequisite: PHYS 410

PHYS 420 – Advanced Physics Laboratory  3 credit hours
An application and investigation of advanced physical topics in the laboratory. Techniques of experimental physics, such as computerized instrumentation, vacuum technology, optics, and electron optics will be applied to investigate various areas of advanced physics. Proper data reduction and analysis will be used to yield meaningful measurements. Intended as laboratory course to prepare the student for more advanced, independent experimental lab work. Laboratory 3 hours. Prerequisite: PHYS 410 and PHYS 323

PHYS 423 – Electronics  4 credit hours
A continuation of PHYS 322 covering feedback, noise reduction, high frequency circuits and electro-optical devices. Prior completion of ITEC 482 is recommended. Prerequisite: PHYS 323 or equivalent

PHYS 430 – Optics  3 credit hours
Geometric and wave optics including optical instruments. Prior completion of MATH 305 is recommended. Prerequisite: PHYS 276 and PHYS 276L and PHYS 410

PHYS 435 – Solid State Physics  3 credit hours
An introduction to the physics governing the crystalline state of matter. Modern theories describing lattice vibrations, energy bands, crystal binding, and optical properties are presented. These ideas are then applied to the understanding of technologically important areas such as superconductivity, doped semiconductors, ferroelectric materials, and photorefractivity. Prerequisite: PHYS 410

PHYS 440 – Thermodynamics and Statistical Mechanics  3 credit hours
The study of temperature, heat and work, the laws of thermodynamics, heat engines, including the Carnot, Cycle, Maxwell relations, and an introduction to statistical thermodynamics. Prerequisite: Concurrent enrollment or completion of PHYS 410

PHYS 446 – Modern Physics for High School Teachers  4 credit hours
An advanced study of selected topics in electricity and modern physics including introductory concepts in atomic and nuclear physics. Research or design of educational projects will be used to aid in explaining these areas. Prerequisite: Either PHYS 205 and PHYS 205L and PHYS 206L or PHYS 206 and PHYS 275L and PHYS 275 and PHYS 276L

PHYS 456 – Regional Field Studies  1-4 credit hours
Includes visits to specialized research or scientific centers, or expeditions to observe or study special events such as solar eclipses. Total Credits Allowed: 4.00

PHYS 471 – Methods in Secondary Science Teaching  3 credit hours
This course focuses on the latest trends in science teaching. Emphasis is placed on designing demonstrations, laboratory investigations, test items and other components that promote process and critical thinking skills. Computers are utilized extensively in these activities. Prerequisite: Admission to Teacher Education Enrollment in PHYS 471 is not allowed if BIOL 471 has been completed.

PHYS 472 – Science Curricula  1-3 credit hours
History of science curricula, introduction to the specifics of selected science curricula, experience working with science curricula materials in junior high or senior high school as well as exposure to several teaching strategies. Total Credits Allowed: 3.00
**PHYS 490 – Special Topics**  1-4 credit hours  
Topics are studied which are not covered in other courses offered by the department. The format will vary depending upon the nature of the topic and the instructor but will typically be a lecture/demonstration format with laboratory work included as appropriate.  
Department Consent Required  
Total Credits Allowed: 9.00  

**PHYS 495 – Research in Physics**  1-3 credit hours  
Students work on an undergraduate research project under the guidance of a faculty member.  
Department Consent Required  
Total Credits Allowed: 6.00  

**PHYS 496 – Practicum in Physics Education**  1-3 credit hours  
For each credit hour the student will spend approximately three hours per week working as a classroom assistant in an activity-based class and/or doing physics education research.  
Prerequisite: PHYS 205 and PHYS 205L and PHYS 206 and PHYS 206L and PHYS 275 and PHYS 275L and PHYS 276 and PHYS 276L or permission of instructor.  
Total Credits Allowed: 6.00  

**PHYS 498 – Senior Seminar in Physics**  3 credit hours  
A senior capstone class for physics majors, completing research started in previous semesters of PHYS495. Students will write a senior paper and make a presentation at the end of the semester based on their undergraduate research experiences.  
Prerequisite: 3 hours of PHYS 495  

**PHYS 499 – Problems in Physical Science**  1-3 credit hours  
Independent investigation of physical science problems. Three hours of laboratory work each week for each hour of credit.  
Department Consent Required  
Total Credits Allowed: 3.00  

## Astronomy, Bachelor of Science  
Offered by Department of Physics and Astronomy (p. 349)  

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Studies</strong></td>
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<tr>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<tr>
<td>Foundational Core courses (p. 460)</td>
<td>14</td>
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<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td></td>
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<tr>
<td><strong>Portal</strong></td>
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<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td><strong>Distribution</strong></td>
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<tr>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
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<tr>
<td>Aesthetics (p. 460)</td>
<td>3</td>
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<tr>
<td>Humanities (p. 464)</td>
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<td>Social Sciences (p. 465)</td>
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<td>Natural Sciences (p. 464)</td>
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## Major Option

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<tbody>
<tr>
<td>PHYS 123</td>
<td>Freshman Physics Seminar</td>
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<tr>
<td>PHYS 210</td>
<td>Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 276 &amp; 276L</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Astrophysics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 351</td>
<td>Astrophysics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 360</td>
<td>Astronomy Methods I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 361</td>
<td>Astronomy Methods II</td>
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</tr>
<tr>
<td>PHYS 410</td>
<td>Mathematical Techniques in Physics I</td>
<td>3</td>
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**Astronomy Requirements**

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<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PHYS 275 &amp; 275L</td>
<td>General Physics I (Calculus) and General Physics I (Calculus) Laboratory</td>
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</tr>
<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
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<tr>
<td>Wellness (p. 466)</td>
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Needed to reach 27 credit hour minimum in Distribution  

**Capstone**

Select one course numbered 388 (p. 461)  

**BS Science-related course requirements**

<table>
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<tbody>
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<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
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<tr>
<td>MATH 305</td>
<td>Differential Equations</td>
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**Major Option**

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<tbody>
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<td>Freshman Physics Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 210</td>
<td>Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 276 &amp; 276L</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Astrophysics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 351</td>
<td>Astrophysics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 360</td>
<td>Astronomy Methods I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 361</td>
<td>Astronomy Methods II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 410</td>
<td>Mathematical Techniques in Physics I</td>
<td>3</td>
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</table>

**Total Credit Hours**  

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
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**Astronomy Math Requirements**

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
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<tr>
<td>MATH 103</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

**Astrophysics Comprehensive, Bachelor of Science**  
Offered by Department of Physics and Astronomy (p. 349)
General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 14

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td>1</td>
</tr>
</tbody>
</table>

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Natural Sciences (p. 464) 8

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 275</td>
<td>General Physics I (Calculus) and General Physics I (Calculus) Laboratory</td>
<td>5</td>
</tr>
</tbody>
</table>

Analytical and Quantitative Thought (p. 460) 3

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Wellness (p. 466) 0

**Capstone**

Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>MATH 260</td>
<td>Calculus III</td>
<td>5</td>
</tr>
</tbody>
</table>

**Major Option**

Complete all required courses 62

**Unrestricted electives**

Total Credit Hours 120

---

**Major Option**

**Astrophysics Comprehensive Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 123</td>
<td>Freshman Physics Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 210</td>
<td>Astronomy</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 276 &amp; 276L</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 350</td>
<td>Astrophysics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 351</td>
<td>Astrophysics II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 360</td>
<td>Astronomy Methods I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 361</td>
<td>Astronomy Methods II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 402</td>
<td>Analytic Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 407</td>
<td>Electricity &amp; Magnetism</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 410</td>
<td>Mathematical Techniques in Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 419</td>
<td>Quantum Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 430</td>
<td>Optics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 440</td>
<td>Thermodynamics and Statistical Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 495</td>
<td>Research in Physics</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 498</td>
<td>Senior Seminar in Physics</td>
<td>3</td>
</tr>
</tbody>
</table>

**Astrophysics Comprehensive Math Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 305</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 62

---

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

---

**Engineering Foundations 2+2 (for UNL)**

Offered by Department of Physics and (p. 349) Astronomy (p. 349)

UNK's Engineering Foundations 2+2 program is broadly designed to meet the College of Engineering requirements at UNL. Because requirements for specific engineering programs at UNL and other universities may vary, students should always consult with their advisors before registration.

**Code** | **Title** | **Credit Hours**
--- | --- | ---

**Engineering Foundations - Core Requirements for all 2+2 Programs**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 010</td>
<td>Freshman Engineering Seminar</td>
<td>0</td>
</tr>
<tr>
<td>ENGR 101</td>
<td>Introduction to Engineering</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 260</td>
<td>Calculus III</td>
<td>5</td>
</tr>
<tr>
<td>MATH 305</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 275 &amp; 275L</td>
<td>General Physics I (Calculus) and General Physics I (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276 &amp; 276L</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
</tr>
</tbody>
</table>

**Code** | **Title** | **Credit Hours**
--- | --- | ---

**Mechanical and Agricultural Engineering**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 161</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 130</td>
<td>Computer Aided Drafting for Mechanical Engineering</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 215</td>
<td>Engineering Circuits I (optional)</td>
<td>4</td>
</tr>
</tbody>
</table>
ENGR 223 Engineering Statics 3
ENGR 325 Mechanics of Materials 3
ENGR 373 Engineering Dynamics 3
SPCH 100 Fundamentals of Speech Communication 3

Code Title Credit

Computer Engineering
CSIT 100 Computing Environments 1
CYBR 103 Computer Science I: Java for Software Development 4
CYBR 150 Computer Science II: Object Oriented Programming 3
CYBR 180 Discrete Structures 3
CYBR 301 Computer Organization 3
CYBR 330 Algorithms and Data Structures 3
CYBR 404 Software Engineering 3
ENGR 215 Engineering Circuits I 4
ENGR 216 Engineering Circuits II 4
ITEC 290 Communicating Through Technology 3

Civil Engineering
ENG 102 Academic Writing and Research 2 3
ENGR 130 Computer Aided Drafting for Mechanical Engineering 3
ENGR 223 Engineering Statics 3
ENGR 325 Mechanics of Materials 3
ENGR 373 Engineering Dynamics 3
SPCH 100 Fundamentals of Speech Communication 3

Electrical Engineering
CHEM 161 General Chemistry 3
& 161L General Chemistry Laboratory 4
or MATH 440 Linear Algebra 1
or PHYS 346 Modern Physics I 1
ENG 102 Academic Writing and Research 2 3
ENGR 130 Computer Aided Drafting for Mechanical Engineering 3
ENGR 215 Engineering Circuits I 4
ENGR 216 Engineering Circuits II 4
SPCH 100 Fundamentals of Speech Communication 3

Physical Science, Bachelor of Arts
Offered by Department of Physics and Astronomy (p. 349)

Physical Science Core Requirements
PHYS 275 General Physics I (Calculus) 5
& 275L General Physics I (Calculus) Laboratory 5
PHYS 276 General Physics II (Calculus) 5
& 276L General Physics II (Calculus) Laboratory 5

PHYS 200-CHEM 499L 5
CHEM 200-PHYS 499 6
Total Credit Hours 30
1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   • MATH 102
   • MATH 103

2 For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

3 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

4 Electives must include one advanced course (300-400 level) in BOTH Chemistry AND Physics.

5 Except CHEM 388.

6 Except PHYS 388.

Physical Science, Bachelor of Science
Offered by Department of Physics and Astronomy (p. 349)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 115 Calculus I with Analytic Geometry</td>
<td>1</td>
</tr>
<tr>
<td>Portal</td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td>Distribution</td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 160 General Chemistry and General Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 161 General Chemistry and General Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td>Capstone</td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BS Science-related course requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>0</td>
</tr>
<tr>
<td>Major Option</td>
<td>Complete all required courses</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>Minor or 2nd Major</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>24</td>
</tr>
<tr>
<td>Unrestricted electives</td>
<td>Needed to reach 120 credit hour minimum</td>
<td>17</td>
</tr>
<tr>
<td>Total Credit Hours</td>
<td></td>
<td>120</td>
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</tbody>
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Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Physical Science Core Requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PHYS 275 General Physics I (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 275L</td>
<td>and General Physics I (Calculus) Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PHYS 276 General Physics II (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 276L</td>
<td>and General Physics II (Calculus) Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical Science Electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select 20 credit hours of the following:</td>
<td>20</td>
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<tr>
<td></td>
<td>CHEM 200-CHEM 499L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PHYS 200-PHYS 499</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>30</td>
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</tbody>
</table>

Physics 7-12 Teaching Subject Endorsement, Bachelor of Science in Education
Offered by Department of Physics and Astronomy (p. 349)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 102 Academic Writing and Research</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 115 Calculus I with Analytic Geometry</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>SPCH 100 Fundamentals of Speech Communication</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TE 100 Teaching in a Democratic Society</td>
<td></td>
</tr>
<tr>
<td>Portal</td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td>Distribution</td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies</td>
<td></td>
</tr>
</tbody>
</table>
Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSCI 110</td>
<td>Introduction to American Politics</td>
<td></td>
</tr>
</tbody>
</table>

Natural Sciences (p. 464) 8
Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
<td></td>
</tr>
<tr>
<td>&amp; 160L</td>
<td>General Chemistry Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

Select 1 of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td></td>
</tr>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td></td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td></td>
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</tbody>
</table>

Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 3
Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 150</td>
<td>Healthy Wealthy and Wise</td>
<td></td>
</tr>
</tbody>
</table>

Capstone
Select one course numbered 388 (p. 461) 3

Professional Sequence
Complete all required courses 2 25
Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 319</td>
<td>Management and Assessment in K12/Secondary Classrooms</td>
<td></td>
</tr>
<tr>
<td>TE 320</td>
<td>Field Experience in Secondary Classroom</td>
<td></td>
</tr>
</tbody>
</table>

Endorsement
Complete all required courses 37

Unrestricted electives
Needed to reach 120 credit hour minimum 9

Total Credit Hours 120

---

### Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 123</td>
<td>Freshman Physics Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 201</td>
<td>Earth Science</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 275</td>
<td>General Physics I (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 275L</td>
<td>General Physics I (Calculus) Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYS 276</td>
<td>General Physics II (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 276L</td>
<td>General Physics II (Calculus) Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYS 301</td>
<td>Advanced Physical Science</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 471</td>
<td>Methods in Secondary Science Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Select 9 credit hours of the following:</td>
<td>PHYS 300-PHYS 49</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 37

---

1. Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103

2. Students must apply for admission to all Teacher Education programs (p. 404).

3. Except PHYS 388.

---

**Physics Comprehensive - Engineering Emphasis, Bachelor of Science**

Offered by Department of Physics and Astronomy (p. 349)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>General Studies</td>
<td></td>
</tr>
<tr>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Foundational Core courses (p. 460)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td></td>
</tr>
</tbody>
</table>

### Portal

Select one course numbered 188 (p. 465) 3

### Distribution

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>8</td>
</tr>
</tbody>
</table>

Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 275</td>
<td>General Physics I (Calculus)</td>
<td></td>
</tr>
<tr>
<td>&amp; 275L</td>
<td>General Physics I (Calculus) Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

### Analytical and Quantitative Thought (p. 460)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td>0</td>
</tr>
</tbody>
</table>

### Wellness (p. 466)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Major Option

Complete all required courses 62

### Unrestricted electives

Needed to reach 120 credit hour minimum 1

Total Credit Hours 120
Major Option

Code   | Title                                        | Credit Hours |
-------|----------------------------------------------|--------------|
PHYS 276 & 276L | General Physics II (Calculus) and General Physics II (Calculus) Laboratory | 5            |
PHYS 346 | Modern Physics I                             | 4            |
PHYS 410 | Mathematical Techniques in Physics I         | 3            |

Physics Comprehensive (Engineering Emphasis) Electives
Select 6 credit hours of the following: 6
- PHYS 402 Analytic Mechanics
- PHYS 407 Electricity & Magnetism
- PHYS 419 Quantum Mechanics
- PHYS 420 Advanced Physics Laboratory
- PHYS 430 Optics
- PHYS 440 Thermodynamics and Statistical Mechanics

Physics Comprehensive (Engineering Emphasis) Math Requirements
- MATH 202 Calculus II with Analytic Geometry 5
- MATH 260 Calculus III 5
- MATH 305 Differential Equations 3

Physics Comprehensive (Engineering Emphasis) Engineering Requirements
- ENGR 101 Introduction to Engineering 3
Select 11 credit hours of the following: 11
- ENGR 130 Computer Aided Drafting for Mechanical Engineering
- ENGR 215 Engineering Circuits I
- ENGR 216 Engineering Circuits II
- ENGR 223 Engineering Statics
- ENGR 325 Mechanics of Materials
- ENGR 373 Engineering Dynamics

Students must take 17 credit hours of engineering classes at 300 level or above from an ABET (Accreditation Board of Engineering and Technology) accredited university. 17

Total Credit Hours 62

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
- MATH 102
- MATH 103

Physics Comprehensive, Bachelor of Science

Offered by Department of Physics and Astronomy (p. 349)

Code   | Title                                        | Credit Hours |
-------|----------------------------------------------|--------------|

Foundational Core (Written, Math, Oral, Democracy)

Portal
- Select one course numbered 188 (p. 465) 3

Distribution
- ENG 101 Introduction of Academic Writing 3
- If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.
- Aesthetics (p. 460) 3
- Humanities (p. 464) 6
- Social Sciences (p. 465) 6
- Natural Sciences (p. 464) 8

Included:
- PHYS 275 General Physics I (Calculus) and General Physics I (Calculus) Laboratory
- Analytical and Quantitative Thought (p. 460) 3
- CYBR 102 Computer Science I: C for Security
- Wellness (p. 466) 0

Capstone
- Select one course numbered 388 (p. 461) 3

BS Science-related course requirements
- CHEM 160 General Chemistry 4
- CHEM 160L and General Chemistry Laboratory 4
- CHEM 161 General Chemistry 4
- CHEM 161L and General Chemistry Laboratory 4

Major Option
Complete all required courses 61

Unrestricted electives
Needed to reach 120 credit hour minimum 2

Total Credit Hours 120

Major Option

Code   | Title                                        | Credit Hours |
-------|----------------------------------------------|--------------|

Physics Comprehensive Requirements
- PHYS 123 Freshman Physics Seminar 3
- PHYS 276 General Physics II (Calculus) and General Physics II (Calculus) Laboratory 5
- PHYS 346 Modern Physics I 4
- PHYS 402 Analytic Mechanics 4
- PHYS 407 Electricity & Magnetism 4
- PHYS 410 Mathematical Techniques in Physics I 3
- PHYS 419 Quantum Mechanics 4
- PHYS 420 Advanced Physics Laboratory 3
- PHYS 430 Optics 3
- PHYS 435 Solid State Physics 3
- PHYS 440 Thermodynamics and Statistical Mechanics 3
PHYS 495  Research in Physics  3
PHYS 498  Senior Seminar in Physics  3

Physics Comprehensive Math Requirements
MATH 202  Calculus II with Analytic Geometry  5
MATH 260  Calculus III  5
MATH 305  Differential Equations  3

Physics Comprehensive Math, CYBR, or Chemistry Electives
Select 3 credit hours of the following:
- STAT 241  Elementary Statistics  3
- CHEM 300-CHEM 499L  2
- CYBR 200-CYBR 499  3
- MATH 300-MATH 499  3
Total Credit Hours  61

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103
2 Except CHEM 388.
3 Except CYBR 388.

Physics Minor
Offered by Department of Physics and Astronomy (p. 349)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHYS 275</td>
<td>General Physics I (Calculus)</td>
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<tr>
<td>&amp; 275L</td>
<td>and General Physics I (Calculus) Laboratory</td>
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<tr>
<td>PHYS 276</td>
<td>General Physics II (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 276L</td>
<td>and General Physics II (Calculus) Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra 1</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry 1</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry 1</td>
<td>5</td>
</tr>
</tbody>
</table>
Select 3 credit hours of the following:
- PHYS 300-PHYS 499  2
Total Credit Hours  28

1 Students with sufficient preparation may enter the mathematics program at a higher level reducing total credit hours needed to complete the minor. Total credit hours for the minor may be reduced if these courses are taken in the student’s General Studies Program.
2 Except PHYS 388.

Physics, Bachelor of Arts
Offered by Department of Physics and Astronomy (p. 349)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PHYS 202</td>
<td>Calculus II with Analytic Geometry 1</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276</td>
<td>General Physics II (Calculus)</td>
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</tr>
<tr>
<td>&amp; 276L</td>
<td>and General Physics II (Calculus) Laboratory</td>
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</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 410</td>
<td>Mathematical Techniques in Physics I</td>
<td>3</td>
</tr>
</tbody>
</table>
Select 8 credit hours of the following:
- PHYS 400-PHYS 499  8

Total Credit Hours  36

1 Including:
   - MATH 115  Calculus I with Analytic Geometry 1
2 Portal
Select one course numbered 188 (p. 465)  3

Distribution
ENG 101  Introduction of Academic Writing  3
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.
Aesthetics (p. 460)  3
Humanities (p. 464)  6
Social Sciences (p. 465)  6
Natural Sciences (p. 464)  8
Including:
- PHYS 275  General Physics I (Calculus) and General Physics I (Calculus) Laboratory
Analytical and Quantitative Thought (p. 460)  0
Wellness (p. 466)  0
Needed to reach 27 credit hour minimum in Distribution  1
Capstone
Select one course numbered 388 (p. 461)  3
BA Language requirement
Complete all required courses  2  6
Major Option
Complete all required courses  36
Minor or 2nd Major
Complete all required courses  2  24
Unrestricted electives
Needed to reach 120 credit hour minimum  7
Total Credit Hours  120

Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PHYS 123</td>
<td>Freshman Physics Seminar</td>
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</tr>
<tr>
<td>PHYS 276</td>
<td>General Physics II (Calculus)</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 276L</td>
<td>and General Physics II (Calculus) Laboratory</td>
<td></td>
</tr>
<tr>
<td>PHYS 346</td>
<td>Modern Physics I</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 410</td>
<td>Mathematical Techniques in Physics I</td>
<td>3</td>
</tr>
</tbody>
</table>
Select 8 credit hours of the following:
- PHYS 400-PHYS 499  8

Physics Math Requirements
MATH 202  Calculus II with Analytic Geometry  5
MATH 260  Calculus III  5
MATH 305  Differential Equations  3
Total Credit Hours  36
Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).

A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

**Physics, Bachelor of Science**

Offered by Department of Physics and Astronomy (p. 349)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tr>
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<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<td>Foundational Core courses (p. 460)</td>
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<td></td>
<td>Including:</td>
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</tr>
<tr>
<td></td>
<td>MATH 115 Calculus I with Analytic Geometry</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Portal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Natural Sciences (p. 464)</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
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<td></td>
<td>PHYS 275 &amp; 275L General Physics I (Calculus) and General Physics I (Calculus) Laboratory</td>
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<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
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</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Needed to reach 27 credit hour minimum in Distribution</td>
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</tr>
<tr>
<td></td>
<td>Capstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Select one course numbered 388 (p. 461)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BS Science-related course requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 202 Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>MATH 305 Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Major Option</td>
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</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Minor or 2nd Major</td>
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</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Unrestricted electives</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Needed to reach 120 credit hour minimum</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours</td>
<td>120</td>
</tr>
</tbody>
</table>

**Physics Requirements**

- PHYS 123 Freshman Physics Seminar | 3
- PHYS 276 General Physics II (Calculus) & 276L and General Physics II (Calculus) Laboratory | 5
- PHYS 346 Modern Physics I | 4
- PHYS 410 Mathematical Techniques in Physics I | 3

**Physics Electives**

Select 16 credit hours of the following: 16

- PHYS 402 Analytic Mechanics
- PHYS 407 Electricity & Magnetism
- PHYS 419 Quantum Mechanics
- PHYS 420 Advanced Physics Laboratory
- PHYS 430 Optics
- PHYS 440 Thermodynamics and Statistical Mechanics
- PHYS 495 Research in Physics

**Physics Math Requirements**

- MATH 260 Calculus III | 5

**Total Credit Hours** | 36

1 Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:

- MATH 102
- MATH 103

2 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

**Pre-Meteorology**

Offered by Department of Physics and Astronomy (p. 349)

Students who plan on transferring to a University with a meteorology degree should check on their requirements as early as possible and visit with UNK advisors to assure the best match between pre- and professional school programs. Refer to the General Studies program (p. 459) in this catalog, for the courses to choose for Electives.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td></td>
<td>CHEM 160</td>
<td>General Chemistry</td>
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<td></td>
<td>CHEM 160L</td>
<td>General Chemistry Laboratory</td>
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<tr>
<td></td>
<td>CHEM 161</td>
<td>General Chemistry</td>
</tr>
<tr>
<td></td>
<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
</tr>
<tr>
<td></td>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
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<td>ENG 102</td>
<td>Academic Writing and Research</td>
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<td>GEOG 101</td>
<td>Physical Geography I: The Atmosphere</td>
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<tr>
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<td>MATH 102</td>
<td>College Algebra</td>
</tr>
<tr>
<td></td>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
</tr>
<tr>
<td></td>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
</tr>
<tr>
<td></td>
<td>Electives</td>
<td>0-9</td>
</tr>
</tbody>
</table>

1 Students who plan on transferring to a University with a meteorology degree should check on their requirements as early as possible and visit with UNK advisors to assure the best match between pre- and professional school programs. Refer to the General Studies program (p. 459) in this catalog, for the courses to choose for Electives.
Second Year

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 275 &amp; 275L</td>
<td>General Physics I (Calculus) and General Physics I (Calculus) Laboratory</td>
<td>5</td>
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<tr>
<td>PHYS 276 &amp; 276L</td>
<td>General Physics II (Calculus) and General Physics II (Calculus) Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td>4</td>
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<tr>
<td>GEOG 207</td>
<td>Physical Geology</td>
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<td>GEOG 209</td>
<td>Meteorology</td>
<td>3</td>
</tr>
<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>MATH 260</td>
<td>Calculus III</td>
<td>5</td>
</tr>
<tr>
<td>Electives</td>
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<tr>
<td>Total Credit Hours</td>
<td></td>
<td>62-74</td>
</tr>
</tbody>
</table>

1. Students with sufficient preparation may enter the mathematics program at a higher level reducing total credit hours needed to complete the pre-professional program.

2. Except courses numbered 188 or 388.

Science (Elementary Education) Minor

Offered by Department of Physics and Astronomy (p. 349)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 201</td>
<td>Earth Science</td>
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<tr>
<td>PHYS 301</td>
<td>Advanced Physical Science</td>
<td>4</td>
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<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
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<tr>
<td>or BIOL 109</td>
<td>Classroom Biology</td>
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<td>Select 1 of the following:</td>
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<td>BIOL 105</td>
<td>Biology I</td>
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<tr>
<td>BIOL 106</td>
<td>Biology II</td>
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</tr>
<tr>
<td>BIOL 307</td>
<td>Ecology</td>
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<tr>
<td>Approved Electives</td>
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<tr>
<td>Select 10 credit hours of the following:</td>
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<tr>
<td>PHYS 100 &amp; 100L</td>
<td>Physical Science and Physical Science Laboratory</td>
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</tr>
<tr>
<td>PHYS 210</td>
<td>Astronomy</td>
<td></td>
</tr>
<tr>
<td>GEOG 207</td>
<td>Physical Geology</td>
<td></td>
</tr>
<tr>
<td>GEOG 209</td>
<td>Meteorology</td>
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<tr>
<td>Restriction</td>
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<tr>
<td>Select no more than one of the following:</td>
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<tr>
<td>PHYS 205 &amp; 205L</td>
<td>General Physics I and Physics I Laboratory</td>
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<tr>
<td>PHYS 206 &amp; 206L</td>
<td>General Physics II and Physics Laboratory II</td>
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<tr>
<td>Restriction</td>
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<td>Select no more than one of the following options:</td>
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<tr>
<td>Select 2 courses:</td>
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<tr>
<td>CHEM 145</td>
<td>Introductory Chemistry</td>
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</tr>
<tr>
<td>CHEM 150</td>
<td>Introduction to Organic and Biochemistry</td>
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</tr>
</tbody>
</table>

Department of Political Science

Department Objectives

- To contribute to the student’s development as a liberally-educated person, not only by a broad exposure to political theory and practice, but also by encouragement of intellectual curiosity and critical thinking;
- To prepare students for graduate studies or professional studies in political science, public administration, international affairs, or law;
- To prepare students for careers in politics and government, survey research, journalism, and some aspects of business such as public relations, marketing and lobbying.

Political Science Major

Three options are available in this major:

1. Political Science (p. 368) - Bachelor of Arts Degree
   or Political Science (p. 369) - Bachelor of Science Degree
2. Public Administration (p. 371) - Bachelor of Science Degree
3. Political Science 7-12 Teaching Subject Endorsement (p. 367) - Bachelor of Arts in Education Degree

The Political Science major may take the form of a General BA or BS degree in Political Science or one of two career-oriented concentrations; majors are strongly encouraged to consider their career interests in choosing one of these options.

Minors in Political Science (p. 368) and Public Administration (p. 371) are available for students pursuing majors in other disciplines, especially business, journalism, philosophy, economics, sociology, social work, and criminal justice.

Political Science participates in the Social Science 7-12 Teaching Field Endorsement (p. 261).

A Pre-Law (p. 371) emphasis is available for the Political Science Major (Option 1 above) and all pre-law students, including those choosing not to major in Political Science, are invited to seek the assistance of the department’s pre-law advisors.

William Avilés, Chair

Professor: William Avilés, Joan Blauwkamp, Peter Longo, Satoshi Machida

Associate Professor: Diane Duffin, Claude Louishhomme, Chuck Rowling

Assistant Professor: Lorna Bracewell
Political Science (PSCI)

PSCI 110 – Introduction to American Politics 3 credit hours
An introductory study of the constitutional framework of American politics, and how it has evolved. Contemporary institutions and processes of the American federal democratic republic are also examined in considerable detail.

PSCI 140 – Democracies Around the World 3 credit hours
Compares how democracy is practiced in various countries around the world, compares democratic governance to non-democratic, and considers the prospects for democratizing non-democratic countries.

PSCI 156 – Regional Field Study 1-4 credit hours
Designed to provide the student with a firsthand knowledge of the political culture and governmental institutions of a U.S. region other than the Midwest or foreign country or region. Students wishing to take this course must obtain written approval in advance from the Department Chair.
Total Credits Allowed: 4.00

PSCI 168 – Introduction to International Relations 3 credit hours
A study of contemporary international relations, the changing global system, the role of the nation-state and other actors, the means and ends of power, the causes and consequences of war, and the perennial pursuit of peace.

PSCI 170 – Democracy as a Political Idea 3 credit hours
Examines the contested meanings of the concept “democracy”, such as contestation between liberals and conservatives and socialists, and traces democracy’s development as a political ideal.

PSCI 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

PSCI 212 – Introduction to Public Administration 3 credit hours
An introduction to the core functions of public administration in the United States. Includes analysis of the controversies involved in organizing, staffing, and making public policy in executive branch agencies. Explores how executive branch agencies operate and interact within the broader political system (composed of Congress, the presidency, the courts, interest groups, political parties, and the news media). Assumes basic knowledge of American politics and government.

PSCI 252 – The Courts and the Judicial Process 3 credit hours
A broad examination of the judicial branch, including the relevant legal and constitutional concepts, institutions, and processes. Assumes basic knowledge of American government.

PSCI 269 – The Institutions and Processes of the United Nations 3 credit hours
This course examines the role of the United Nations within the international system. We will explore its history and structure as well as the various opportunities and challenges that it faces in shaping the international system today. Emphasis will be placed on the main bodies (Security Council, General Assembly, ECOSOC, UN Secretariat and Secretary-General) and agencies that operate within the United Nations and analyzing how well the UN has addressed issues such as international peace and security, human rights, the environment, global poverty, genocide and peacekeeping, among others. Attention will be given, in particular, to how the United Nations might be reformed to improve its overall effectiveness.

PSCI 280H – Special Topics 3 credit hours
A General Studies course for Honors students. Interdisciplinary course that examines the connections between disciplines.
Total Credits Allowed: 6.00

PSCI 300 – American Constitutional Law 3 credit hours
A study of landmark Supreme Court cases and their impact on American institutions, policies, and processes. Assumes basic knowledge of American government and judicial process.

PSCI 320 – Politics and Law of International Human Rights 3 credit hours
This course explores the emergence and development, in the immediate aftermath of World War II, of an international movement dedicated to the promotion and enforcement of human rights around the world. Beginning with the UN Charter (1945) and the subsequent Universal Declaration of Human Rights (1948), the international community sought to create a system of norms, laws and institutions focused on not only preventing the horrors of the Holocaust from happening again, but to also establish a set of universal rights and protections for all individuals, regardless of nationality, race, religion, gender, etc. With this in mind, we will examine the broader goals and accomplishments of this movement from its inception to today, the obstacles that remain, and the various actors and institutions, at both the national and international levels, that have been involved in influencing the evolution and character of the movement. In particular, we will address the importance of states, IGOs, NGOs and other local actors (scholars, judges, citizen activists, etc.) and explore how state sovereignty, concerns over national security, the issue of enforcement and cultural relativism have served as barriers to the broader human rights movement.

PSCI 325 – Individual Liberties and Civil Rights 3 credit hours
An investigation of criminal, political, and racial justice with emphasis on the role of the Supreme Court in the protection of the basic freedoms in American society. Selected case studies will examine areas of conflict between the rights of the individual and of society. Assumes basic knowledge of American government and constitutional law.
Prerequisite: PSCI 300 or permission of instructor

PSCI 332 – Environmental Politics & Policy 3 credit hours
This course examines the environment as a public policy issue. Contemporary case studies of environmental policy concerning water, air, land use, habitat protection, climate change, and the like will be used to develop an understanding of the political, legal, and ethical aspects of public policy on environmental matters.

PSCI 333 – The Politics and Policy of Health Care 3 credit hours
An examination of current government policies, policy alternatives, and political interests that complicate the development and implementation of health policies in the United States.
PSCI 340 – Topics in Comparative Politics  3 credit hours
This course is an in-depth examination of a special topic in the subfield of comparative politics (e.g., Comparative Electoral Systems). May be repeated with different topics, up to 6 hours. Total Credits Allowed: 6.00

PSCI 341 – Politics of the Drug War  3 credit hours
This course examines theoretical frameworks and empirical research about the interaction between illegal drugs and American politics. It provides an overview specifically of the U.S. war on drugs, its history and consequences for democratic politics and development in the United States, Latin America, and other regions of the world. The course also examines potential alternatives to U.S. drug policy, including drug legalization and drug decriminalization.

PSCI 342 – Politics of Globalization  3 credit hours
This course explores the process of globalization - the various political, economic, cultural, and social changes that have, and continue to, transform our world. The goal of the course is to clarify what globalization is and how it is affecting societies around the world. For instance, the course focuses on issues such as global trade, the global spread of western values and ideas, threats to the power of nation-states as well as the existence of transnational social movements.

PSCI 344 – Politics of the Developed World  3 credit hours
A comparative study of politics and government in the major industrial democracies. The United Kingdom, France, Germany, and Japan are featured; assumes basic knowledge of American government.

PSCI 345 – Politics of the Developing World  3 credit hours
The course is essentially a comparison of the political systems of developing nations in Africa, the Middle East, Asia, and Latin America. Problems and challenges in developing national institutions; patterns of socialization and national identities; building viable national institutions; the nature of political participation and exit strategies; and economic influences on political stability/instability will be analyzed and investigated.

PSCI 346 – Latin American Politics  3 credit hours
A study of politics and government in contemporary Latin America. Case studies focusing on particular Latin American nations will be used to illustrate broader patterns and trends. Attention will also be given to perceptions of the United States in the region, as well as to contemporary relations between key countries in Latin America and the United States, Soviet Union, Western Europe, and Asia.

PSCI 347 – Comparative Political Behavior  3 credit hours
A study of mass political behavior from a cross-national perspective. Topics addressed include: political participation, voting behavior, social capital, nationalism, cultural shifts, support for democracy, and world culture.

PSCI 348 – Military Politics and Civil-Military Relations  3 credit hours
The military stands among the most significant actors within the politics of countries in the developed and developing world. Historically, the armed forces have played multiple roles, including nation-builder, defender of the state and national heritage, government, ideological indoctrinator, social reformist, repressor, interest group, vocational trainer, and business class. The military retains many of these roles in the United States, Latin America and Africa. Its position within the United States has historically not been as dramatic as in other countries, however its influence upon U.S. defense and budgetary policy is substantial as well as its influence upon U.S. political culture in general. In the first part of this class we will seek to understand the role of the U.S. military in U.S. politics and the interactions between civil society and civilian authorities with the armed forces. The second part of the class addresses the military’s role in directly governing and/or regularly undermining the establishment of consolidated democracies in Latin America and Africa. Finally, in the last part of the class we will examine the large role played by the military in the democratization process, specifically its historical role in U.S. democracy promotion projects.

PSCI 351 – The American Congress  3 credit hours
A study of the operation of the legislative branch of the US government, the motives and methods of legislators, the interactions between the two houses of Congress, and the interplay of checks and balances in relations between the legislative branch and other branches. This course is often taught using a joint simulation on legislative policymaking with students in PSCI 366: Political Parties and Interest Groups. Assumes basic knowledge of American government.

PSCI 352 – The American Presidency  3 credit hours
A study of the executive branch of the U.S. government, with particular attention to the presidency, its evolution and its constitutional roles in the system of checks-and-balances. Special attention is given to leadership style and to the functions of the modern presidency. Case studies will be used to illustrate how different presidents have interpreted their powers and discharged their duties.

PSCI 353 – Race & Politics  3 credit hours
A comparative and analytical study of race and politics in the United States. Theories of race and their role in shaping public understandings, social mobilization, and governmental policy. Particular attention will be given to the social construction of race and the political implications of theories of whiteness, African Americans, Native Americans, and Latinos.

PSCI 355 – Public Budgeting  3 credit hours
Government budgets are statements of social value. What kind of economic activity a government chooses to tax, and how those resources are spent, both reflect a government’s priorities and the political pressures it must accommodate. This class examines how governments in the United States make budgetary decisions. Special attention will be paid to the political influences on budgeting, the budget-making processes employed by executives and legislatures, and the social, political and economic consequences of those decisions.

PSCI 356 – Public Personnel Administration  3 credit hours
This course examines the politics and policies that govern human resources management in United States governments. In particular, the course surveys the major functions of public personnel administration: recruitment, hiring, compensation and evaluation, and analyzes how these are adapted in the public sector to reflect political influences. The course also reviews the historical development of civil service systems.
PSCI 357 – Public Management 3 credit hours
This course uses a case-study approach to understand how leaders in executive branch agencies navigate their organizational environments to implement public policy. Specific topics include: organizational structure and culture, accountability to elected officials and the rule of law, and tools for managerial analysis.

PSCI 360 – Topics in American Politics 3 credit hours
This course is an in-depth examination of a special topic in American politics (e.g., Presidents and the Press). May be repeated for different topics, up to 6 hours.
Total Credits Allowed: 6.00

PSCI 361 – State and Local Government 3 credit hours
A comparative study of state and local governments in the United States. Case studies are used to illustrate important variations; Nebraska’s unique unicameral legislature and nonpartisan state elections are given special attention. Assumes basic knowledge of American government.

PSCI 362 – Dynamics of Humanitarian Crises and Global Society 3 credit hours
The main goal of this course is to systematically examine the psychological impacts of these crises on global society. By revealing psychological dynamics surrounding humanitarian crises, this proposed course examines the flaws of global society. Furthermore, this course encourages students to propose possible solutions to the problems of global society through a variety of exercises and assignments.

PSCI 365 – Campaigns and Elections 3 credit hours
A study of the structures and processes that affect the selection of elected officials in the United States, focusing on congressional and presidential elections. Special attention is given to the mass media as the primary intermediaries between citizens and candidates for political office.

PSCI 366 – Political Parties and Interest Groups 3 credit hours
A study of the voluntary associations that serve as primary sites for political participation in American politics. The functions of organized interests in representation and lobbying are the primary focus, as well as the functions of political parties in coordinating officials within and between branches of government. This course is often taught using a joint simulation on legislative policymaking with students in PSCI 351: The American Congress. Assumes basic knowledge of American government.

PSCI 367 – Human Security and Global Peacekeeping 3 credit hours
This course introduces students to the issues of human security and global peacekeeping. By examining a series of topics that are closely related to these matters, this class intends to promote the ability to critically analyze various conflicts around the world. Through class exercises and writing assignments, students are expected to develop their skills in constructing arguments and making political judgments in the field of international security.

PSCI 368 – International Law and Organization 3 credit hours
This course focuses on the role of law in international politics, as well as on the key international organizations. The evolution, structure, functions, problems and performance of the United Nations and its specialized agencies are emphasized.

PSCI 369 – International Political Economy 3 credit hours
This course explores the linkages between politics and economics in the international arena. Topics include: origins of a world economy, American hegemony, theories of cooperation, East-West relations, North-South relations, multinational corporations, and global interdependence.

PSCI 370 – American Foreign Policy 3 credit hours
A study of foreign policy decision making processes with special emphasis on the role of the President, the Congress, the various bureaucratic actors (i.e. National Security Council, the State Department, the Pentagon, and the CIA) as well as several case studies focusing on contemporary diplomatic problems.

PSCI 371 – Religion & Politics 3 credit hours
This course examines the relationship between church and state. The first half of the course considers arguments over how religion and politics should relate to one another and how those arguments have changed over time. The second half explores contemporary issues, focusing primarily on American politics.

PSCI 372 – Theoretical Foundations of American Politics and Law 3 credit hours
This course explores the writers, thinkers, religious fanatics, political radicals, poets, statesman, slave masters, and slaves that have made America not only a political community, but a fraught, potent, evocative, and ambivalent symbol of everything from freedom to its opposite. Along the way we will critically examine abstract ideas such as freedom, equality, representation, labor, rights, and citizenship as they develop in the United States alongside histories of colonization, slavery, industrialization, immigration, and war.

PSCI 373 – Ancient Political Thought 3 credit hours
A survey of political thought from Plato to Rousseau.

PSCI 374 – Modern Political Thought 3 credit hours
A survey of political thought from Hobbes to the present.

PSCI 375 – Democratic Political Thought 3 credit hours
An introduction to political thinking relevant to the inception and maintenance of democratic forms of government. Much of the work centers upon American political thinkers like James Madison and John Dewey; but students will also learn more about classical, modern and postmodern approaches to forms of popular government. Some emphasis is given to the special role of education in democratic thought.

PSCI 376 – 20th & 21st Century Political Thought 3 credit hours
This course traces the development of political thought from the end of the nineteenth century to the present.

PSCI 377 – Topics in Political Thought 3 credit hours
This course is an in-depth examination of a special topic or theorist in the subfield of political philosophy (e.g., Marx, Feminist Political Thought). May be repeated with different topics, up to 6 hours.
Total Credits Allowed: 6.00

PSCI 378 – Feminist Political Thought 3 credit hours
An introduction to the major theorists and defining ideas for various types of feminism, e.g., liberal feminism, radical feminism, Marxist feminism, eco-feminism. The course considers common ideas and differences across the types of feminism and uses the theoretical perspectives as lenses through which to examine contemporary political issues and events.

PSCI 380 – Topics in International Relations 3 credit hours
This course is an in-depth examination of a special topic in World Politics (e.g., Human Rights in World Politics). May be repeated for different topics, up to 6 hours.
Total Credits Allowed: 6.00

PSCI 381 – Introduction to Political Inquiry 3 credit hours
This course introduces students to basic approaches to inquiry and research in the field of Political Science. Recommended for students in their junior year.
PSCI 382 – Public Opinion and Political Problems  3 credit hours
A study of the process of public opinion formation and change among mass public and elites in the United States. Normative and empirical issues involving the measurement of public opinion and its impact on public policy will also be considered.

PSCI 385 – Foundations of Public Policy  3 credit hours
An examination of policy-making processes at the national and state levels. Case studies will emphasize the many variables that influence policy formulation.

PSCI 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline. Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

PSCI 390 – Politics & Culture of Asia  3 credit hours
A study of politics and culture in Asian countries. Particular attention is given to Japan and China and case studies of other countries in the region are also used to illustrate general patterns and trends. Democracy as it is practiced and developing in Asia is a significant theme, and the course examines other key concepts in the field of comparative politics, including ethnic conflict and economic development.

PSCI 400 – Public Administration  3 credit hours
This course looks at the nature, structures, functions and problems of public administration in the United States. Major emphasis is placed on the relationship between the bureaucracy and the executive, legislative, and judicial branches of national and state government. Assumes basic knowledge of the American bureaucracy and American politics.

PSCI 410 – Advanced Study in American Government: Special Topics  3 credit hours
A senior-level seminar in a special topic in the subfield of American government, e.g., Presidents and the American public. May be repeated up to 6 hours with a different topic. Department Consent Required
Total Credits Allowed: 6.00

PSCI 420 – Advanced Study in Political Behavior: Special Topics  3 credit hours
A senior-level seminar in a special topic in the subfield of political behavior, e.g., voting in the American electorate. May be repeated up to 6 hours with a different topic. Department Consent Required
Total Credits Allowed: 6.00

PSCI 434 – U.S. Foreign Policy in the Middle East  3 credit hours
Since World War II, few regions in the world have been as important to the United States and its interests as the Middle East. From the Cold War to the post 9/11 era, strategic, economic and moral imperatives have brought about considerable U.S. involvement in the region. This class examines the Middle East through the lens of American foreign policy. Our lectures, readings and discussions will focus on the development, implementation and effects of U.S. foreign policy in the Middle East from 1945 to the present. We will also examine how American foreign policies are perceived, understood and treated through Middle Eastern perspectives. Some of the topics we will cover in the course will include: the politics surrounding the birth of Israel, U.S.-Soviet competition for influence in the region during the Cold War, the rise of Arab nationalism, the conflicts in Iran, Iraq, Israel-Palestine, Lebanon and Egypt, issues of resources and economic development in the Middle East as they relate to U.S. interests, terrorism, and the ongoing violence in Syria and Iraq.

PSCI 440 – Advanced Study in Comparative Politics: Special Topics  3 credit hours
A senior-level seminar in a special topic in the subfield of comparative politics, e.g., cross-national political behavior. May be repeated up to 6 hours with a different topic. Department Consent Required
Total Credits Allowed: 6.00

PSCI 450 – Nations in Transition  3 credit hours
This course examines the nations that are going through significant transformation. Covering a wide range of countries around the world, this class considers how these countries struggle to move toward stable democracies despite different obstacles. Furthermore, we will critically explore the roles that the United States and the international community should assume in these transitional societies.

PSCI 456 – Field Study  1-3 credit hours
Field study is designed to combine classroom study with experiences outside the classroom to give students opportunities for discussions with public officials or other first-hand knowledge of the subject. Field studies in the past have focused on study of the actors and processes of foreign policymaking with a one-week trip to Washington, DC, to meet with policymakers. The topics for subsequent field studies may vary. Students may repeat the field study course up to 6 hours credit with different topics. Total Credits Allowed: 6.00

PSCI 468 – War in World Politics  3 credit hours
This course examines the causes and consequences of war in world politics, as well as those methods by which states and other actors attempt to manage it and provide for peace.

PSCI 475 – Internship in Political Science  1-6 credit hours
Designed to provide an on-the-job learning experience that will enhance the student’s understanding of politics and provide a glimpse of government-in-action. Internships are usually student initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair. Total Credits Allowed: 12.00

PSCI 486 – Policy Analysis  3 credit hours
Introduction to the skills needed to conduct analysis of policy options and policy evaluations. The course will include an introduction to methods of policy analysis, including cost/benefit analysis; analysis of political environment; and analysis of externalities. Prerequisite: PSCI 381 and PSCI 385
PSCI 489 – Senior Seminar  3 credit hours
This capstone course reviews and details the sub-fields in political science and addresses the normative, empirical and legal methodologies appropriate for graduating seniors. Grading method: letter grade. Prerequisite: Senior status

PSCI 490 – Directed Research  1-3 credit hours
Independent original research of a topic in political science selected by the student. Done under the direction of a political science faculty member. Proposals must be student-initiated. Students wishing to take this course must obtain written approval in advance from the department chair. Total Credits Allowed: 3.00

PSCI 499 – Readings in Political Science  1-3 credit hours
Independent readings in political science for the advanced undergraduate or graduate student. Done under the direction of a political science faculty member. Student initiated. Students wishing to take this course must obtain written approval in advance from the Department Chair. Total Credits Allowed: 6.00

Global Peace and Security Minor
Offered by Department of Political Science (p. 362)

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<th>Code</th>
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<th>Credit Hours</th>
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<tr>
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<tr>
<td>PSCI 168</td>
<td>Introduction to International Relations</td>
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<tr>
<td>PSCI 269</td>
<td>The Institutions and Processes of the United Nations</td>
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<td>Required Upper-Level Courses</td>
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<td>PSCI 320</td>
<td>Politics and Law of International Human Rights</td>
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<tr>
<td>PSCI 348</td>
<td>Military Politics and Civil-Military Relations</td>
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<tr>
<td>PSCI 367</td>
<td>Human Security and Global Peacekeeping</td>
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<td>PSCI 368</td>
<td>International Law and Organization</td>
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<tr>
<td>PSCI 468</td>
<td>War in World Politics</td>
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<td>PSCI 320</td>
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<td>PSCI 332</td>
<td>Environmental Politics &amp; Policy</td>
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<tr>
<td>PSCI 341</td>
<td>Politics of the Drug War</td>
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<td>PSCI 342</td>
<td>Politics of Globalization</td>
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<td>PSCI 344</td>
<td>Politics of the Developed World</td>
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<td>Military Politics and Civil-Military Relations</td>
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<td>International Law and Organization</td>
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<td>PSCI 369</td>
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<td>PSCI 370</td>
<td>American Foreign Policy</td>
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<td>PSCI 434</td>
<td>U.S. Foreign Policy in the Middle East</td>
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<td>PSCI 456</td>
<td>Field Study</td>
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<td>War in World Politics</td>
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<td>PSCI 475</td>
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<td>HIST 327</td>
<td>World War I</td>
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<td>HIST 328</td>
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HIST 408  War and Society
HIST 422  Nazi Germany
HIST 455  Comparative Studies in Ethnic Conflict

Total Credit Hours: 18

Political Science 7-12 Teaching Subject Endorsement, Bachelor of Arts in Education
Offered by Department of Political Science (p. 362)

<table>
<thead>
<tr>
<th>Code</th>
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<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
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<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
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<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
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<td>PSCI 110</td>
<td>Introduction to American Politics</td>
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<td>Natural Sciences (p. 464)</td>
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<td>Analytical and Quantitative Thought (p. 460)</td>
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<td>Wellness (p. 466)</td>
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<td>PE 150</td>
<td>Healthy Wealthy and Wise</td>
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<tr>
<td>Capstone</td>
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<td>Professional Sequence</td>
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<tr>
<td>Complete all required courses¹</td>
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<tr>
<td>TE 319</td>
<td>Management and Assessment in K-12/Secondary Classrooms</td>
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<td>TE 320</td>
<td>Field Experience in Secondary Classroom</td>
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Political Science Minor
Offered by Department of Political Science (p. 362)

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</table>

Select any 24 credit hours in Political Science ¹

Total Credit Hours

24

Consultation with the chair is advised.

¹ Except PSCI 188 or PSCI 388.

Political Science, Bachelor of Arts
Offered by Department of Political Science (p. 362)

General Studies

Foundation Core (Written, Math, Oral, Democracy) 12

Including:

PSCI 140 Democracies Around the World
or PSCI 170 Democracy as a Political Idea

Portal

Select one course numbered 188 (p. 465) 3

Distribution

ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Including:

PSCI 110 Introduction to American Politics

Natural Sciences (p. 464) 7

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 0

Needed to reach 27 credit hour minimum in Distribution 2

Capstone

Select one course numbered 388 (p. 461) 3

BA Language requirement

Complete all required courses ¹ 6

Major Option

Complete all required courses 36

Minor or 2nd Major

Complete all required courses ² 24

Unrestricted electives

Needed to reach 120 credit hour minimum 9

Total Credit Hours

120

Major Option

<table>
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<th>Credit Hours</th>
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Political Science Core

PSCI 168 Introduction to International Relations 3

PSCI 381 Introduction to Political Inquiry 3

PSCI 489 Senior Seminar 3

Political Science Requirements

Select at least 3 credit hours from five separate subfields: 15

Political Thought
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<td>PSCI 372</td>
<td>Theoretical Foundations of American Politics and Law</td>
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<td>PSCI 373</td>
<td>Ancient Political Thought</td>
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<tr>
<td>PSCI 374</td>
<td>Modern Political Thought</td>
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<td>PSCI 375</td>
<td>Democratic Political Thought</td>
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<td>PSCI 376</td>
<td>20th &amp; 21st Century Political Thought</td>
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<td>PSCI 377</td>
<td>Topics in Political Thought 3</td>
<td></td>
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<tr>
<td>PSCI 378</td>
<td>Feminist Political Thought</td>
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**American Government**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>PSCI 212</td>
<td>Introduction to Public Administration</td>
<td></td>
</tr>
<tr>
<td>PSCI 252</td>
<td>The Courts and the Judicial Process</td>
<td></td>
</tr>
<tr>
<td>PSCI 351</td>
<td>The American Congress</td>
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<td>PSCI 352</td>
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<tr>
<td>PSCI 360</td>
<td>Topics in American Politics 3</td>
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<tr>
<td>PSCI 361</td>
<td>State and Local Government</td>
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<tr>
<td>PSCI 410</td>
<td>Advanced Study in American Government: Special Topics</td>
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**Mass Political Behavior**

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<tr>
<th>Code</th>
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<tr>
<td>PSCI 347</td>
<td>Comparative Political Behavior</td>
<td></td>
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<tr>
<td>PSCI 365</td>
<td>Campaigns and Elections</td>
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<tr>
<td>PSCI 366</td>
<td>Political Parties and Interest Groups</td>
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<tr>
<td>PSCI 371</td>
<td>Religion &amp; Politics</td>
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<td>Public Opinion and Political Problems</td>
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**Public Law**

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<td>PSCI 252</td>
<td>The Courts and the Judicial Process</td>
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<td>PSCI 300</td>
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<tr>
<td>PSCI 325</td>
<td>Individual Liberties and Civil Rights</td>
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<tr>
<td>PSCI 368</td>
<td>International Law and Organization</td>
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**Public Policy Administration**

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<tr>
<td>PSCI 212</td>
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<td>PSCI 332</td>
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<td>The Politics and Policy of Health Care</td>
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<td>Race &amp; Politics</td>
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<tr>
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**Comparative Politics**

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<tbody>
<tr>
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<td>Topics in Comparative Politics 3</td>
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<td>PSCI 341</td>
<td>Politics of the Drug War</td>
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<td>PSCI 344</td>
<td>Politics of the Developed World</td>
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<td>Latin American Politics</td>
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<td>PSCI 347</td>
<td>Comparative Political Behavior</td>
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<td>PSCI 348</td>
<td>Military Politics and Civil-Military Relations</td>
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<td>Dynamics of Humanitarian Crises and Global Society</td>
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<tr>
<td>PSCI 390</td>
<td>Politics &amp; Culture of Asia</td>
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<td>PSCI 440</td>
<td>Advanced Study in Comparative Politics: Special Topics</td>
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**International Relations**

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<tr>
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<tr>
<td>PSCI 320</td>
<td>Politics and Law of International Human Rights</td>
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<td>Politics of the Drug War</td>
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<td>Politics of Globalization</td>
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<td>PSCI 367</td>
<td>Human Security and Global Peacekeeping</td>
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<tr>
<td>PSCI 368</td>
<td>International Law and Organization</td>
<td></td>
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<td>PSCI 369</td>
<td>International Political Economy</td>
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<td>PSCI 370</td>
<td>American Foreign Policy</td>
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<tr>
<td>PSCI 380</td>
<td>Topics in International Relations 3</td>
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<tr>
<td>PSCI 434</td>
<td>U.S. Foreign Policy in the Middle East</td>
<td></td>
</tr>
<tr>
<td>PSCI 468</td>
<td>War in World Politics</td>
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</table>

**Political Science Electives**

Take 12 hours of any PSCI course 200-499 (except 388) 12

It is strongly recommended that at least one elective course be in experiential learning: PSCI 455 Field Study (6 hours max), PSCI 475 Internship in Political Science (9 hours max) AND/OR PSCI 490 Directed Research

**Total Credit Hours** 36

1. For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3. May be repeated once with different topic.

## Political Science, Bachelor of Science

Offered by Department of Political Science (p. 362)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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</tr>
<tr>
<td></td>
<td><strong>Foundational Core (Written, Math, Oral, Democracy)</strong></td>
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</table>

Including:

- STAT 235 Introduction to Statistics for Social Sciences
- or STAT 241 Elementary Statistics
- PSCI 140 Democracies Around the World
- or PSCI 170 Democracy as a Political Idea

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

- ENG 101 Introduction of Academic Writing 3
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Including:
- PSCI 110 Introduction to American Politics
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0
Needed to reach 27 credit hour minimum in Distribution Area

Capstone
Select one course numbered 388 (p. 461) 3

BS Science-related course requirements
Complete all required courses 0

Major Option
Complete all required courses 36

Minor or 2nd Major
Complete all required courses 24

Unrestricted electives
Needed to reach 120 credit hour minimum 15

Total Credit Hours 120

**Major Option**

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tr>
<td>PSCI 168</td>
<td>Introduction to International Relations</td>
<td>3</td>
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<tr>
<td>PSCI 381</td>
<td>Introduction to Political Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 489</td>
<td>Senior Seminar</td>
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**Political Science Core**

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<thead>
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<tbody>
<tr>
<td>PSCI 372</td>
<td>Theoretical Foundations of American Politics and Law</td>
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<tr>
<td>PSCI 373</td>
<td>Ancient Political Thought</td>
<td></td>
</tr>
<tr>
<td>PSCI 374</td>
<td>Modern Political Thought</td>
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<td>PSCI 375</td>
<td>Democratic Political Thought</td>
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</tr>
<tr>
<td>PSCI 376</td>
<td>20th &amp; 21st Century Political Thought</td>
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<tr>
<td>PSCI 377</td>
<td>Topics in Political Thought</td>
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<tr>
<td>PSCI 378</td>
<td>Feminist Political Thought</td>
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</table>

**Political Science Requirements**

Select at least 3 credit hours from five separate subfields: 15

**Political Thought**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</tr>
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<tbody>
<tr>
<td>PSCI 212</td>
<td>Introduction to Public Administration</td>
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<tr>
<td>PSCI 252</td>
<td>The Courts and the Judicial Process</td>
<td></td>
</tr>
<tr>
<td>PSCI 351</td>
<td>The American Congress</td>
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<td>PSCI 352</td>
<td>The American Presidency</td>
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<tr>
<td>PSCI 360</td>
<td>Topics in American Politics</td>
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<tr>
<td>PSCI 361</td>
<td>State and Local Government</td>
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<tr>
<td>PSCI 410</td>
<td>Advanced Study in American Government: Special Topics</td>
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**American Government**

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<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSCI 347</td>
<td>Comparative Political Behavior</td>
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**Public Law**

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<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSCI 252</td>
<td>The Courts and the Judicial Process</td>
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<tr>
<td>PSCI 300</td>
<td>American Constitutional Law</td>
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<td>Individual Liberties and Civil Rights</td>
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**Public Policy Administration**

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<tr>
<th>Code</th>
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<tbody>
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<td>Race &amp; Politics</td>
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<td>Public Personnel Administration</td>
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<td>American Foreign Policy</td>
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<td>Foundations of Public Policy</td>
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<td>PSCI 486</td>
<td>Policy Analysis</td>
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**Comparative Politics**

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>PSCI 340</td>
<td>Topics in Comparative Politics</td>
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<td>Latin American Politics</td>
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<td>PSCI 362</td>
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**International Relations**

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<td>International Law and Organization</td>
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</table>
Political Science Electives

Take 12 credit hours of any PSCI courses 200-499 (except 388)

It is strongly recommended that at least one elective course be in experiential learning: PSCI 456 Field Study (6 hours max), PSCI 475 Internship in Political Science (9 hours max) AND/OR PSCI 490 Directed Research

Total Credit Hours 36

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

2 May be repeated once with different topic.

Pre-Law

Offered by Department of Political Science (p. 362)

Students preparing for law school should seek a sound liberal arts education. It is recommended that these students consult with one of the college Pre-Law advisors in the Department of Political Science (p. 362) and request a catalog and other literature from law schools they may wish to attend. Arrangements should be made to take the Law School Admission Test (LSAT) approximately one year before entering law school. Requests for local test dates for LSAT examination may be made at the Testing Center (p. 20).

Students planning to complete their degree at UNK before entering law school should select a Bachelor of Arts or Bachelor of Science program and an appropriate academic major and minor field. While political science is a common choice for pre-law students, other disciplines such as history (p. 252), English (p. 229), economics (p. 147), business, and speech (p. 190) are also suitable.

Students are encouraged to seek a broad liberal arts education and to take challenging courses that emphasize writing and reasoning. In addition to political science, courses in history, English, philosophy, journalism, speech, psychology, and mathematics, as well as business administration and computer science are especially recommended. Students are also strongly encouraged to study at least one foreign language.

For more advice on what courses to take (and when to take them) please see one of the designated Pre-Law advisors in the Political Science Department. All pre-law students are welcome, irrespective of their chosen major.

Public Administration Minor

Offered by Department of Political Science (p. 362)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
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<td>Introduction to Public Administration</td>
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</tr>
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<td>PSCI 385</td>
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<td>PSCI 400</td>
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<td>CYBR 108</td>
<td>Computers in Society</td>
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<td>ECON 314</td>
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<td>ENG 311</td>
<td>Advanced Writing I</td>
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<tr>
<td>PHIL 400</td>
<td>Ethics</td>
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Public Administration, Bachelor of Science

Offered by Department of Political Science (p. 362)

<table>
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<td>Principles of Economics, Macroeconomics</td>
<td>3</td>
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<td>ECON 271</td>
<td>Principles of Economics, Microeconomics</td>
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</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
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General Studies required by minor

These general studies courses may add to the total number of credit hours required in the general studies program if additional specific general studies courses are required by the student’s major.

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<tr>
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<td>ECON 271</td>
<td>Principles of Economics, Microeconomics</td>
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</tr>
<tr>
<td>ENG 102</td>
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Public Administration, Bachelor of Science

Offered by Department of Political Science (p. 362)

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</tr>
<tr>
<td>ECON 271</td>
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<tr>
<td>PSY 203</td>
<td>General Psychology</td>
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<tr>
<td>or SOC 100</td>
<td>Introduction to Sociology</td>
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BS Science-related course requirements

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<th>Requirement</th>
<th>Description</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Select one course numbered 388 (p. 461)</td>
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</table>

Unrestricted electives

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

2 May be repeated once with different topic.
Public Law Minor

Offered by Department of Political Science (p. 362)

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<td>PSCI 252</td>
<td>The Courts and the Judicial Process</td>
<td>3</td>
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<td>PSCI 300</td>
<td>American Constitutional Law</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 372</td>
<td>Theoretical Foundations of American Politics and Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives: 6

Take 6 credit hours from the following:

- ACCT 311 Business Law I
- CJUS 345 Criminal Law
- CJUS 355 Family Law
- CJUS 440 Laws of Arrest, Search and Seizure
- JMC 414 Communications Law
- PSCI 212 Introduction to Public Administration
- PSCI 325 Individual Liberties and Civil Rights
- PSCI 332 Environmental Politics & Policy
- PSCI 341 Politics of the Drug War
- PSCI 351 The American Congress

Department of Psychology

Department Objectives

- To provide a general foundation in the various content areas of the field of Psychology;
- to provide suitable preparation in methodology for students planning to attend graduate school;
- to provide a sound basis for enhanced understanding of self and others;
- to prepare students for careers in human service areas and high school teaching;
- to support other departments by offering courses applicable to other majors and minors.

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

Psychology Major

Four options are available in this major:

1. Psychology (p. 380) - Bachelor of Arts Degree
2. Psychology Comprehensive (p. 378) - Bachelor of Science Degree
3. Psychobiology Comprehensive (p. 377) - Bachelor of Science Degree
4. Psychology 7-12 Teaching Subject Endorsement (p. 378) - Bachelor of Arts in Education Degree

A minor in Psychology (p. 379) or Gerontology (p. 376) is available for students pursuing majors in other disciplines.

The Psychology department participates in the Social Science 7-12 Teaching Field Endorsement (p. 261).

Theresa Wadkins, Chair

Professor: Krista Forrest, Krista Fritson, Robert Ryczek, Theresa Wadkins, William Wozniak

Assistant Professor: Evan Hill, Julie Lanz, Megan Strain, Christopher Waples
Psychology (PSY)

PSY 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 3.00
Prerequisite: First year freshman standing or sophomore standing only.

PSY 192 – Death and Dying 1-3 credit hours
Issues of death and dying are discussed from the perspectives of medicine, psychology, religion, philosophy, law and other fields.
Total Credits Allowed: 3.00

PSY 203 – General Psychology 3 credit hours
The fundamental concepts of psychology as derived through the scientific investigation of behavior are described.

PSY 220 – Introductory Psychology Seminar 1 credit hour
Small group activities in laboratory, discussion group, or seminars that supplement an introductory course.
Corequisite: PSY 203 or PSY 230 or PSY 231.

PSY 230 – Human Development 3 credit hours
Human growth and development is surveyed from the prenatal period through old age and death. Emphasis is placed on physiological, cognitive, and social/personality developments at the various age levels.

PSY 231 – Abnormal Behavior and Society 3 credit hours
An introduction to the various models for understanding abnormal behavior, e.g., genetic and developmental models; the descriptions of predominant mental disorders, and major modern treatment interventions. The course is recommended for those majoring in fields other than psychology.

PSY 250 – Behavioral Statistics 4 credit hours
The methodology used in scientific research is described along with the special problems that psychologists face in the interpretation of research results. Prior completion of college algebra is recommended. One laboratory each week.
Prerequisite: PSY 203

PSY 270 – Experimental Psychology 4 credit hours
Advanced methods in data collection are presented. Research designs and their appropriateness for specific areas of study are reviewed. One laboratory each week.
Prerequisite: PSY 250
Additional Course Fee Required

PSY 280H – Special Topics 1-3 credit hours
An interdisciplinary General Studies course for Honors students that examines the connections between disciplines.
Total Credits Allowed: 3.00

PSY 300 – Orientation to Psychology 1 credit hour
An informal review of academic, professional, and career planning issues of a psychology major.
Prerequisite: PSY 203 and declared major in Psychology.

PSY 310 – Learning and Conditioning 3 credit hours
The concepts and principles of learning are studied in detail. Data from human and animal experimentation are considered. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 310L – Learning and Conditioning Laboratory 1 credit hour
Aspects of conditioning and learning are demonstrated. Must be taken concurrently with PSY 310.
Prerequisite: PSY 270.
Corequisite: PSY 310.
Additional Course Fee Required

PSY 312 – Sensation and Perception 3 credit hours
Sensory and perceptual systems are examined in detail. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 312L – Sensation and Perception Laboratory 1 credit hour
Sensory and perceptual phenomena are reviewed within a laboratory setting. Must be taken concurrently with PSY 312.
Prerequisite: PSY 270.
Corequisite: PSY 312.
Additional Course Fee Required

PSY 313 – Physiological Psychology 3 credit hours
The relationships between physiological processes and human behaviors are studied. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 313L – Physiological Psychology Laboratory 1 credit hour
The techniques and methodology used in the study of the biological influences on behavior are introduced. Must be taken concurrently with PSY 313.
Prerequisite: PSY 270.
Corequisite: PSY 313.
Additional Course Fee Required

PSY 317 – Biopsychology 3 credit hours
Biopsychology deals with the interaction of biology and behavior from the molecular to the molar level. All levels of interaction are investigated. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 317L – Biopsychology Laboratory 1 credit hour
Biopsychology Laboratory uses the methods of Ethology and Comparative Psychology to investigate the relationship between biology and behavior. Must be taken concurrently with PSY 317.
Prerequisite: PSY 270.
Corequisite: PSY 317.
Additional Course Fee Required

PSY 318 – Experimental Social Psychology 3 credit hours
An exploration of the theories, methods and research regarding the relationship of the individual to others and to society. Topics include person perception, interpersonal attraction, attitudes, and attitude change, conformity and leadership. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 318L – Experimental Social Psychology Laboratory 1 credit hour
A review of social psychological research methods, including experimental and quasi-experimental designs, unobtrusive measures, field studies, behavioral and verbal measurement, the avoidance of bias, and ethical issues in research.
Prerequisite: PSY 270
Additional Course Fee Required
PSY 350 – Ethics in Psychology  3 credit hours
This course will cover common issues encountered by psychologists and other practitioners in various research and applied paths. The goal of the course is to introduce students to the APA Ethical Principles and Code of Conduct as well as other pertinent ethical guidelines. Topics include: the history of ethical codes, ethics and the law, ethical decision making, personal and professional boundaries, ethics in a clinical setting, animal care, ethical publishing, and international codes of ethics.
Prerequisite: PSY 203

PSY 370 – History and Systems of Psychology  3 credit hours
The ideas of individuals who have influenced the development of psychology as a science from the ancient Greeks to the 20th century are reviewed.
Prerequisite: PSY 203

PSY 371 – Environmental Psychology  3 credit hours
The relationships between behavior and natural and man-made environments are addressed.
Prerequisite: PSY 203

PSY 372 – Cross-Cultural Psychology  3 credit hours
Examines psychological processes related to perception, cognition, human development, psychopathology, gender influences and social behavior from a cross-cultural perspective. Current theories, methods and research findings are discussed. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 374 – Psychology of Gender  3 credit hours
Motivational levels, goals, self-concept, and various personality characteristics which differentiate between women and men are studied. Rearing differences between boys and girls and their accompanying behavioral expectations are studied as well as the development of sex differences in intellectual and biological functions.

PSY 376 – Psychology and Criminal Behavior  3 credit hours
Criminal behavior and rehabilitative efforts will be investigated in light of psychological research, theory and clinical experience. Various potential causes of criminal behavior will be explored. Psychology’s role within the legal system will also be addressed.
Prerequisite: PSY 203

PSY 388 – GS Capstone  3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

PSY 388L – GS Capstone Lab  1 credit hour

PSY 399 – Psychology Apprenticeship Programs  1-3 credit hours
Students assist faculty members as research assistants, as classroom discussion leaders, as proctors in PSI courses, or in preparing special lectures or programs. Departmental permission required. PSI proctoring is recommended for those students preparing to take the Graduate Record Exam.
Total Credits Allowed: 12.00
Prerequisite: PSY 203

PSY 400L – Advanced Psychology Lab  1 credit hour
A review of psychological research methods, including experimental and quasi-experimental designs, field studies, behavioral and verbal measurement, the avoidance of bias, and ethical issues in research. Students will work individually or in groups to formulate a research hypothesis based upon their review of the literature within the field. Individuals or groups will then design and implement a scientific study. Must be taken in conjunction with a 300 or 400 level psychology course.
Permission of the instructor required
Total Credits Allowed: 3.00
Prerequisite: PSY 270
Additional Course Fee Required

PSY 403 – Psych of Motivation  3 credit hours
The principal issues, methods, and theories of motivation are thoroughly examined.
Prerequisite: PSY 203

PSY 406 – Theories of Personality  3 credit hours
Personality theories from Freud to contemporary theorists are discussed.
Prior completion of PSY 370 is recommended.

PSY 407 – Psychopathology  3 credit hours
Current theoretical models and research are applied toward understanding the descriptions and causes of the predominant mental disorders. The course is based on the diagnostic system employed by most mental health professionals.
Prerequisite: PSY 203

PSY 407L – Psychopathology Laboratory  1 credit hour
Must be taken concurrently with PSY 407. The methodology used in the study of common psychopathological patterns is reviewed and applied in original group projects. Ethical considerations in this research area are emphasized. Special permission must be obtained.
Prerequisite: PSY 270.
Corequisite: PSY 407.
Additional Course Fee Required

PSY 408 – Introduction to Clinical Psychology  3 credit hours
The student will be introduced to the various professional activities and settings of clinical psychologists (psychologists trained to independently assess, diagnose, and treat mental disorder). Special emphasis will be given to psychotherapeutic interventions.
Prerequisite: PSY 407 and junior standing

PSY 408F – Intro to Clinical Psy Field Exp  1 credit hour
Students will visit a clinical facility for three hours a week and process their learning experiences in a one hour weekly lab. Opportunities to interact with patients and staff are included. Must be taken concurrently with PSY 408. Permission of instructor required.
Department Consent Required
Prerequisite: PSY 203 and junior standing and permission of instructor.
Corequisite: PSY 408.

PSY 410 – Industrial Psychology  3 credit hours
A survey of human behavior and psychological principles related to industrial/personnel issues. Topics include: job and work analysis; personnel recruitment, selection and training; performance appraisal and management; and implementation strategies.
Prerequisite: PSY 203

PSY 411 – Organizational Psychology  3 credit hours
A survey of the prominent theories, principles, and research related to organizational psychology. Topics include: work motivation; leadership; job satisfaction and other attitudes; decision-making; employee socialization; and the design of jobs and organizations.
PSY 411L – Organizational Psychology Laboratory 1 credit hour
This laboratory allows students to review historical and contemporary research in the area of organizational psychology. In addition to reading and discussing existing works, students will develop and complete a research project targeting an area of interest within the broader field of I/O psychology.
Prerequisite: Completion of or concurrent enrollment in PSY 410 or PSY 411

PSY 415 – Group Dynamics 3 credit hours
Group Dynamics includes the study of group development; structure; influence and interaction and group outcomes. Students will apply material covered to various types of groups such as dyads or couples, teams, collaborative learning groups, juries, cults and crowds.
Prerequisite: PSY 203

PSY 415L – Group Dynamics Laboratory 1 credit hour
Designed to be taken with the Group Dynamics course, this laboratory option allows students to use research strategies for better understanding how individuals influence or are influenced by groups and entities. In addition to discussing the work of others, students will develop and complete a research project targeting their specific area of interest within group dynamics.
Prerequisite: PSY 270.
Corequisite: PSY 415.

PSY 416 – Eastern Psychology 3 credit hours
The psychological aspects of various Eastern philosophical traditions including Sufism, Yoga, Taoism, and Buddhism are examined. The psychology of Zen is emphasized. Experiential as well as theoretical approaches are used.
Prerequisite: PSY 203

PSY 417 – Humanistic Psychology 3 credit hours
The tenets and methods of humanistic psychology, its historical roots, theoretical concepts, and how it is distinguished from Psychoanalysis and Behaviorism are reviewed. Group discussion format is used.
Prerequisite: PSY 203

PSY 420 – Advanced Research Design and Analysis in Psychology 3 credit hours
Advanced multivariate statistical techniques are explored, including Multiple Regression, Canonical Correlation, MANOVA, Discriminant Function Analysis, and Factor Analysis. Special emphasis is placed on computer analysis and on deciding which techniques are appropriate for various data sets.
Prerequisite: PSY 270 or permission of instructor

PSY 430 – Memory and Cognition 3 credit hours
Topics concerning intellectual functioning are reviewed. Emphasis is placed on the information processing approach to the study of mental life. Topics include perception, attention, consciousness, memory, problem solving, and language. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 430L – Memory and Cognition Laboratory 1 credit hour
The methodology used in the study of cognitive processes is reviewed. Must be taken concurrently with PSY 430.
Prerequisite: PSY 270.
Corequisite: PSY 430.
Additional Course Fee Required

PSY 435 – Psychology of Humor 3 credit hours
Survey of psychological theories, principles, and facts in areas such as social psychology, personality, psychobiology, development, cognition, industry/organizations, and health as they apply to humor. Specific topics include: why we laugh, how we understand humor, prejudice and humor, multicultural similarities and differences, humor in applied settings (e.g., workplace, education), and humorous media.
Prerequisite: PSY 203 and PSY 270 is recommended.

PSY 440 – Health Psychology 3 credit hours
Examines how thoughts, emotions, behaviors, physiology, and culture influence health and well-being. Topics include: physical systems of the body, stress and illness, health-related behaviors, health services, and end-of-life care.

PSY 440L – Health Psychology Laboratory 1 credit hour
Designed to be taken concurrently with PSY 440, this lab provides experience in critically analyzing quantitative and qualitative health research. In addition, students will develop and conduct a research project in their area of interest within the field of health psychology.
Prerequisite: PSY 270.
Corequisite: PSY 440.

PSY 450 – Psychometrics 3 credit hours
Basic measurement concepts, the selection, administration, and interpretation of standardized tests are reviewed. Prior completion of PSY 270 is recommended.
Prerequisite: PSY 203

PSY 450L – Psychometrics Lab 1 credit hour
Must be taken concurrently with PSY 450. Practical experience in test construction and the application of concepts such as norms, standardization, reliability and validity. Prior completion of PSY 270 is required.
Prerequisite: PSY 270.
Corequisite: PSY 450 or PSY 850P.
Additional Course Fee Required

PSY 453L – Developmental Psychology Laboratory 1 credit hour
Methods of studying children and adolescents are investigated. Must be taken concurrently with PSY 453.
Prerequisite: PSY 270.
Corequisite: PSY 453.
Additional Course Fee Required

PSY 455 – Adolescent Psychology 3 credit hours
Adolescent development is comprehensively reviewed. The intellectual, physical, and social/moral development of adolescents is discussed, along with the special problems of young adults.
Prerequisite: PSY 203 or PSY 230

PSY 462 – Adult Development and Aging 3 credit hours
The changes in physical, cognitive and social/personality development during adulthood are addressed.
Prerequisite: PSY 203 or PSY 230
PSY 465 – Psychopharmacology  3 credit hours
The course consists of an introduction to pharmacology as a science followed by a discussion of therapeutic and recreational psychoactive drugs. Psychoactive drugs are discussed in relation to their effect on behavior and nervous system physiology. Prior completion of PSY 203, background in physiological psychology, or background in biology is recommended.
Department Consent Required

PSY 470 – Neuropsychology  3 credit hours
The relationship between human brain function and behavior is investigated. Special emphasis is placed on the behavioral effects of brain injury and methods of neuropsychological assessment.
Prerequisite: PSY 313

PSY 475 – Practicum in Psychology  1-3 credit hours
This course gives the student the opportunity to gain experience in the application of psychological principles in various settings.
Department Consent Required
Total Credits Allowed: 3.00
Prerequisite: 24 completed hours of Psychology coursework and permission of the department chair

PSY 475G – Practicum in Gerontology  3 credit hours
This course gives the student the opportunity to work with professionals in the field of aging. Includes 120-180 actual contact hours during the practicum experience.

PSY 477 – Psychology and Law  3 credit hours
Within this course, students will learn how psychology has influenced legal processes and outcomes. Topics covered include theories of criminology, factors associated with police questioning, jury selection and deliberation and punishment and sentencing. Students will also study how psychologists ranging from researchers and clinicians to expert witnesses and advocates work within the legal system.
Prerequisite: PSY 203

PSY 477L – Psychology and Law Laboratory  1 credit hour
Designed to be taken with the Psychology and Law Course, this laboratory option allows students to critically evaluate both historical and contemporary research in the area of psychology and law. In addition to discussing the work of others, students will develop and complete a research project targeting their specific area of interest within the broader field of psychology and law.
Prerequisite: PSY 270.
Corequisite: PSY 477.
Additional Course Fee Required

PSY 480 – Advanced Seminar in Psychology  3 credit hours
An in-depth examination of a particular topic in one of 13 designated areas of psychology. Taught in seminar format. Topics will be announced during the preceding semester.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: At least 12 completed hours of Psychology coursework and junior or senior standing and permission of the instructor.

PSY 493 – Readings in Psychology  1-3 credit hours
The student designs a set of readings in a chosen area of psychology. The work is completed under the supervision of the Department Chair.
Department Consent Required
Total Credits Allowed: 18.00
Prerequisite: 24 completed hours of Psychology coursework and permission of the department chair

PSY 499 – Research in Psychology  3 credit hours
The student engages in a research project of his/her own design. The project is supervised by a psychology faculty member.
Department Consent Required
Total Credits Allowed: 6.00
Prerequisite: 24 completed hours of Psychology coursework including PSY 270 and permission of the department chair

Gerontology Minor
Offered by Department of Psychology (p. 372)

The purpose of the Gerontology minor is to allow students majoring in one of the areas which impact upon aging or aging services to gain knowledge and experience in the area of gerontology. The objectives of this program are:

a. to increase the student's knowledge and understanding of the nature and extent to which various areas affect the aged individual, the type and quality of services available to the aged, the dynamics of social policy formation affecting aging, and basic research concepts and practices;
b. to provide and foster competence and skill in utilizing research data and findings in the structuring of services for the aged, and evaluating and facilitating the functioning of existing programs for the aged.

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>FAMS 110</td>
<td>Introduction to Nutrition 1</td>
<td>3</td>
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<tr>
<td>FAMS 450</td>
<td>The Aging Adult</td>
<td>3</td>
</tr>
<tr>
<td>PSY 230</td>
<td>Human Development 1</td>
<td>3</td>
</tr>
<tr>
<td>PSY 462</td>
<td>Adult Development and Aging</td>
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<tr>
<td>SOWK 471</td>
<td>Aging Services</td>
<td>3</td>
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<td>FAMS 475</td>
<td>Internship</td>
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<td>PSY 475G</td>
<td>Practicum in Gerontology</td>
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<td>SOC 475</td>
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<td>SOWK 480</td>
<td>Field Placement I</td>
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<td>SOWK 481</td>
<td>Field Placement II</td>
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<td>Select one of the following options: 4-8</td>
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<tr>
<td>BIOL 215</td>
<td>Human Physiology 1</td>
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<td>or</td>
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<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
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<td>&amp; BIOL 226</td>
<td>and Anatomy and Physiology</td>
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<td>Select 1 of the following:</td>
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<tr>
<td>REC 458</td>
<td>Recreation for the Aged</td>
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<tr>
<td>SOC 335</td>
<td>The Aged in American Society</td>
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<tr>
<td>SOC 430</td>
<td>Sociology of Family</td>
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<tr>
<td>SOWK 478</td>
<td>Medical Social Work</td>
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</table>

Total Credit Hours 25-29

1  Number of total credit hours for the minor may be reduced if these courses are taken in students' General Studies Program.
2  Students usually enroll in practicum courses offered by their respective majors. Requires departmental permission.
### Psychobiology Comprehensive, Bachelor of Science

Offered by Department of Psychology (p. 372)

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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#### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundational Core courses (p. 460) 12

- **Including:**
  - MATH 102 College Algebra

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

ENG 101 Introduction of Academic Writing 3

*If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.*

- **Aesthetics (p. 460)** 3
- **Humanities (p. 464)** 6
- **Social Sciences (p. 465)** 6

**Including:**

- PSY 203 General Psychology
- Natural Sciences (p. 464) 7
- Analytical and Quantitative Thought (p. 460) 0
- Wellness (p. 466) 0

**Needed to reach 27 credit hour minimum in Distribution** 2

**Capstone**

Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**

- CHEM 160 General Chemistry 4 & 160L and General Chemistry Laboratory
- CHEM 161 General Chemistry 4 & 161L and General Chemistry Laboratory

**Major Option**

Complete all required courses 55

**Unrestricted electives**

Needed to reach 120 credit hour minimum 12

**Total Credit Hours** 120

*For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.*

### Major Option

<table>
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<th>Code</th>
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<th>Credit Hours</th>
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#### Psychobiology Comprehensive Core Requirements

- PSY 230 Human Development 3
- PSY 250 Behavioral Statistics 4
- PSY 270 Experimental Psychology 4
- PSY 300 Orientation to Psychology 1
- PSY 313 Physiological Psychology and Physiological Psychology Laboratory 4
- PSY 407 Psychopathology 3
- BIOL 225 Anatomy and Physiology 4
- BIOL 226 Anatomy and Physiology 4

**Select one of the following options:** 5-10

- **Select 2 courses:**
  - CHEM 250 Elementary Organic Chemistry and Elementary Organic Chemistry Lab
- **Select 4 courses:**
  - CHEM 360 Organic Chemistry and Organic Chemistry Laboratory
  - CHEM 361 Organic Chemistry and Organic Chemistry Laboratory

*Select one of the following options:* 3-5

- **PHYS 205 General Physics I** & 205L and Physics I Laboratory
- **PHYS 275 General Physics I (Calculus)** & 275L and General Physics I (Calculus) Laboratory

**Psychobiology Comprehensive Psychology Requirements**

**Select 3 credit hours of the following:** 3

- PSY 453 Experimental Child Psychology
- PSY 455 Adolescent Psychology
- PSY 462 Adult Development and Aging

**Select 3 credit hours of the following:** 3

- PSY 312 Sensation and Perception
- PSY 430 Memory and Cognition
- PSY 440 Health Psychology
- PSY 465 Psychopharmacology
- PSY 470 Neuropsychology

**Psychobiology Comprehensive Biology Requirements** 3

**Select 9 credit hours of the following:** 9

- BIOL 211 Human Microbiology
- BIOL 309 Cellular & Molecular Biology
- BIOL 360 Genetics
- BIOL 401 Principles of Immunology
- BIOL 404 Developmental Biology
- BIOL 440 Infectious Diseases
- BIOL 450 Advanced Molecular Biology
- BIOL 461 Human Genetics
- BIOL 465 Physiology
- CHEM 351 Biochemistry & 351L and Biochemistry Lab
- FAMS 110 Introduction to Nutrition
- PE 459 Special Topics Gross Anatomy
- PE 460 Gross Anatomy of Movement
Psychology 7-12 Teaching Subject Endorsement, Bachelor of Arts in Education

Offered by Department of Psychology (p. 372)

<table>
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<tr>
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<th>Credit Hours</th>
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<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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<td>Foundational Core courses (p. 460)</td>
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<td></td>
<td>ENG 102 Academic Writing and Research</td>
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<td></td>
<td>SPCH 100 Fundamentals of Speech Communication</td>
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<td>TE 100 Teaching in a Democratic Society</td>
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<td>Portal</td>
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<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
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<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
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<td>Aesthetics (p. 460)</td>
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<td>Humanities (p. 464)</td>
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<td>Social Sciences (p. 465)</td>
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<td>PSY 203 General Psychology</td>
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<td>Natural Sciences (p. 464)</td>
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<td>Wellness (p. 466)</td>
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<td>PE 150 Healthy Wealthy and Wise</td>
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<td>Capstone</td>
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<td>Select one course numbered 388 (p. 461)</td>
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<td>Complete all required courses</td>
<td>25</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
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</tr>
<tr>
<td></td>
<td>TE 319 Management and Assessment in K-12/ Secondary Classrooms</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TE 320 Field Experience in Secondary Classroom</td>
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<tr>
<td></td>
<td>Endorsement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Complete all required courses</td>
<td>33</td>
</tr>
</tbody>
</table>

Unrestricted electives
Needed to reach 120 credit hour minimum 16
Total Credit Hours 120

Endorsement

Psychology Subject Endorsement Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 230</td>
<td>Human Development</td>
<td>3</td>
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<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSY 270</td>
<td>Experimental Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 313</td>
<td>Physiological Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 318</td>
<td>Experimental Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 406</td>
<td>Theories of Personality</td>
<td>3</td>
</tr>
<tr>
<td>PSY 407</td>
<td>Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 430</td>
<td>Memory and Cognition</td>
<td>3</td>
</tr>
<tr>
<td>SOSC 370</td>
<td>Social Science of the High School</td>
<td>3</td>
</tr>
<tr>
<td>PSY 450</td>
<td>Psychometrics</td>
<td>3</td>
</tr>
<tr>
<td>or PSY 453</td>
<td>Experimental Child Psychology</td>
<td>1-3</td>
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</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 313L</td>
<td>Physiological Psychology Laboratory</td>
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</tr>
<tr>
<td>PSY 318L</td>
<td>Experimental Social Psychology Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 400L</td>
<td>Advanced Psychology Lab</td>
<td></td>
</tr>
<tr>
<td>PSY 407L</td>
<td>Psychopathology Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 430L</td>
<td>Memory and Cognition Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 450L</td>
<td>Psychometrics Lab</td>
<td></td>
</tr>
<tr>
<td>PSY 453L</td>
<td>Developmental Psychology Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 499</td>
<td>Research in Psychology</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 33-35

1 Students must apply for admission to all Teacher Education programs (p. 404).
2 With permission of the chair.

Psychology Comprehensive, Bachelor of Science

Offered by Department of Psychology (p. 372)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
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<td>General Studies</td>
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<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
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</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
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<tr>
<td></td>
<td>Including:</td>
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<tr>
<td></td>
<td>MATH 102 College Algebra</td>
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<td></td>
<td>MATH 115</td>
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<td></td>
<td>Portal</td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
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<tr>
<td></td>
<td>Distribution</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

1 Students with sufficient preparation may enter the mathematics program at a higher level reducing total credit hours needed.
2 Course possibly may fulfill General Studies requirement reducing total credit hours needed for the degree. Consult advisor.
3 Students are urged to work closely with their advisor in selecting from the courses listed.
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0
Needed to reach 27 credit hour minimum in Distribution 2

Capstone
Select one course numbered 388 (p. 461) 3

BS Science-related course requirements
Select two science courses 2 6

Major Option
Complete all required courses 50

Unrestricted electives
Needed to reach 120 credit hour minimum 19
Total Credit Hours 120

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>Psychology Core Requirements</td>
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<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSY 270</td>
<td>Experimental Psychology</td>
<td>4</td>
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<tr>
<td>PSY 300</td>
<td>Orientation to Psychology</td>
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<tr>
<td>PSY 370</td>
<td>History and Systems of Psychology</td>
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<tr>
<td></td>
<td>Psychology Requirements</td>
<td></td>
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<tr>
<td>Select 1 of the following:</td>
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<tr>
<td>PSY 310</td>
<td>Learning and Conditioning</td>
<td>3</td>
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<tr>
<td>PSY 312</td>
<td>Sensation and Perception</td>
<td></td>
</tr>
<tr>
<td>PSY 313</td>
<td>Physiological Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 430</td>
<td>Memory and Cognition</td>
<td></td>
</tr>
<tr>
<td>Select 1 of the following:</td>
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<td></td>
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<tr>
<td>PSY 318</td>
<td>Experimental Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 406</td>
<td>Theories of Personality</td>
<td></td>
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<tr>
<td>PSY 415</td>
<td>Group Dynamics</td>
<td></td>
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<tr>
<td>Select 1 of the following:</td>
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<tr>
<td>PSY 453</td>
<td>Experimental Child Psychology</td>
<td>3</td>
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<tr>
<td>PSY 455</td>
<td>Adolescent Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 462</td>
<td>Adult Development and Aging</td>
<td></td>
</tr>
<tr>
<td>Select 1 of the following:</td>
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<tr>
<td>PSY 407</td>
<td>Psychopathology</td>
<td></td>
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<tr>
<td>PSY 408</td>
<td>Introduction to Clinical Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 450</td>
<td>Psychometrics</td>
<td></td>
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<td>PSY 410</td>
<td>Industrial Psychology</td>
<td>3</td>
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<tr>
<td>PSY 411</td>
<td>Organizational Psychology</td>
<td></td>
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<tr>
<td>PSY 440</td>
<td>Health Psychology</td>
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</tr>
<tr>
<td>PSY 477</td>
<td>Psychology and Law</td>
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Psychology Lab 3
Select 1 of the following: 1

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>PSY 310L</td>
<td>Learning and Conditioning Laboratory</td>
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</tr>
<tr>
<td>PSY 312L</td>
<td>Sensation and Perception Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 313L</td>
<td>Physiological Psychology Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 408F</td>
<td>Intro to Clinical Psy Field Exp</td>
<td></td>
</tr>
<tr>
<td>PSY 453L</td>
<td>Developmental Psychology Laboratory</td>
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Select 1 of the following: 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 318L</td>
<td>Experimental Social Psychology Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>PSY 411L</td>
<td>Organizational Psychology Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 415L</td>
<td>Group Dynamics Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 430L</td>
<td>Memory and Cognition Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 440L</td>
<td>Health Psychology Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 477L</td>
<td>Psychology and Law Laboratory</td>
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</table>

Psychology Electives
Select 18 credit hours of the following: 18

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 100-PSY 499</td>
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Electives may include the following:

<table>
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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>BIOL 461</td>
<td>Human Genetics</td>
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<tr>
<td>CSP 418</td>
<td>Introduction to Counseling and Social Advocacy</td>
<td></td>
</tr>
<tr>
<td>PSCI 382</td>
<td>Public Opinion and Political Problems</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 50

1. Students with sufficient preparation may enter the mathematics program at a higher level.
2. Select two science courses (6 to 8 credit hours) in addition to those used to satisfy the General Studies requirement in the Natural Sciences. Students should plan these courses with their advisor. Courses from BIOL, CHEM, CSIT, GEOG (as a Natural Science), MATH (MATH 115 or above), or PHYS are considered science-related courses.
3. Prerequisite: PSY 270. Lab courses must be taken concurrently with the corresponding lecture course.
4. Except PSY 188 or PSY 388.

Restriction: No more than 6 credit hours from: PSY 399, PSY 493, PSY 499.
Restriction: No more than 3 credit hours from: PSY 192, PSY 230, PSY 231.

Psychology Minor

Offered by Department of Psychology (p. 372)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
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<tr>
<td>Select 1 of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 407</td>
<td>Psychopathology</td>
<td></td>
</tr>
<tr>
<td>PSY 408</td>
<td>Introduction to Clinical Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 450</td>
<td>Psychometrics</td>
<td></td>
</tr>
<tr>
<td>Select 1 of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 410</td>
<td>Industrial Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 411</td>
<td>Organizational Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 440</td>
<td>Health Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 477</td>
<td>Psychology and Law</td>
<td></td>
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<tr>
<td>STAT 241</td>
<td>Elementary Statistics</td>
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<tr>
<td></td>
<td>Restriction: No more than 3 credit hours from: PSY 192, PSY 230, PSY 231</td>
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</table>
Psychology, Bachelor of Arts

Offered by Department of Psychology (p. 372)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 310</td>
<td>Learning and Conditioning</td>
<td></td>
</tr>
<tr>
<td>PSY 312</td>
<td>Sensation and Perception</td>
<td></td>
</tr>
<tr>
<td>PSY 313</td>
<td>Physiological Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 317</td>
<td>Biopsychology</td>
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</tr>
<tr>
<td>PSY 430</td>
<td>Memory and Cognition</td>
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Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>PSY 371</td>
<td>Environmental Psychology</td>
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<td>PSY 372</td>
<td>Cross-Cultural Psychology</td>
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</tr>
<tr>
<td>PSY 410</td>
<td>Industrial Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 453</td>
<td>Experimental Child Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 455</td>
<td>Adolescent Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 462</td>
<td>Adult Development and Aging</td>
<td></td>
</tr>
<tr>
<td>PSY 477</td>
<td>Psychology and Law</td>
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Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 406</td>
<td>Theories of Personality</td>
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<tr>
<td>PSY 407</td>
<td>Psychopathology</td>
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</tr>
<tr>
<td>PSY 408</td>
<td>Introduction to Clinical Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 450</td>
<td>Psychometrics</td>
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</table>

Electives
Select 8-9 credit hours of the following: 8-9

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tr>
<td>PSY 100-PSY 499</td>
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</tbody>
</table>

Total Credit Hours 23-24

1 This requirement may be waived if the student completes a statistics course as part of his/her major. This option requires the permission of the Department Chairman.

2 Except PSY 188 or PSY 388.

Psychology, Bachelor of Arts

Offered by Department of Psychology (p. 372)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
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<tr>
<td>PSY 270</td>
<td>Experimental Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 300</td>
<td>Orientation to Psychology</td>
<td>1</td>
</tr>
</tbody>
</table>

Psychology Requirements
Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 310</td>
<td>Learning and Conditioning</td>
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</tr>
<tr>
<td>PSY 312</td>
<td>Sensation and Perception</td>
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</tr>
<tr>
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<td>Physiological Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 430</td>
<td>Memory and Cognition</td>
<td></td>
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</table>

Select 1 of the following: 3

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<tr>
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<th>Title</th>
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</tr>
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<tbody>
<tr>
<td>PSY 318</td>
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<td></td>
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<tr>
<td>PSY 406</td>
<td>Theories of Personality</td>
<td></td>
</tr>
<tr>
<td>PSY 415</td>
<td>Group Dynamics</td>
<td></td>
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</table>

Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 453</td>
<td>Experimental Child Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 455</td>
<td>Adolescent Psychology</td>
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</tr>
<tr>
<td>PSY 462</td>
<td>Adult Development and Aging</td>
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Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PSY 407</td>
<td>Psychopathology</td>
<td></td>
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<tr>
<td>PSY 408</td>
<td>Introduction to Clinical Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 450</td>
<td>Psychometrics</td>
<td></td>
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Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 410</td>
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<td>PSY 411</td>
<td>Organizational Psychology</td>
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<tr>
<td>PSY 440</td>
<td>Health Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 477</td>
<td>Psychology and Law</td>
<td></td>
</tr>
</tbody>
</table>

Psychology Lab 3
Select 1 of the following: 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 310L</td>
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<td>PSY 312L</td>
<td>Sensation and Perception Laboratory</td>
<td></td>
</tr>
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<td>PSY 313L</td>
<td>Physiological Psychology Laboratory</td>
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</tr>
<tr>
<td>PSY 408F</td>
<td>Intro to Clinical Psy Field Exp</td>
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<td>PSY 453L</td>
<td>Developmental Psychology Laboratory</td>
<td></td>
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</tbody>
</table>

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

Major Option

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSY 270</td>
<td>Experimental Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY 300</td>
<td>Orientation to Psychology</td>
<td>1</td>
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Psychology Core Requirements
Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>PSY 310</td>
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<td></td>
</tr>
<tr>
<td>PSY 312</td>
<td>Sensation and Perception</td>
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</tr>
<tr>
<td>PSY 313</td>
<td>Physiological Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 430</td>
<td>Memory and Cognition</td>
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</table>

Select 1 of the following: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY 318</td>
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<td>PSY 406</td>
<td>Theories of Personality</td>
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<tr>
<td>PSY 415</td>
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Select 1 of the following: 3

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<tr>
<th>Code</th>
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<tbody>
<tr>
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<tr>
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<td>Adolescent Psychology</td>
<td></td>
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<tr>
<td>PSY 462</td>
<td>Adult Development and Aging</td>
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Select 1 of the following: 3

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<tr>
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<tr>
<td>PSY 408</td>
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<tr>
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<td>Psychometrics</td>
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Select 1 of the following: 3

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<tr>
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Psychology Lab 3
Select 1 of the following: 1

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<td>PSY 310L</td>
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<td>PSY 408F</td>
<td>Intro to Clinical Psy Field Exp</td>
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<td>Developmental Psychology Laboratory</td>
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Select 1 of the following:  
PSY 318L Experimental Social Psychology Laboratory  
PSY 411L Organizational Psychology Laboratory  
PSY 415L Group Dynamics Laboratory  
PSY 430L Memory and Cognition Laboratory  
PSY 440L Health Psychology Laboratory  
PSY 477L Psychology and Law Laboratory  

Psychology Electives  
Select 7 credit hours of the following:  
PSY 100-PSY 499

Total Credit Hours 33

1 For specific language requirements see #2 of Bachelor of Arts Degree requirements (p. 25).
2 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
3 Prerequisite: PSY 270. Lab courses must be taken concurrently with the correspondinglecture course.
4 Except PSY 188 or PSY 388.
Restriction: No more than 6 credit hours from: PSY 399, PSY 493, PSY 499.
Restriction: No more than 3 credit hours from: PSY 192, PSY 230, PSY 231.

Psychology, Bachelor of Science  
Offered by Department of Psychology (p. 372)

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<tr>
<th>Code</th>
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<td>ENG 101</td>
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<td>Humanities (p. 464)</td>
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<td>Natural Sciences (p. 464)</td>
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<td>Analytical and Quantitative Thought (p. 460)</td>
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<td>Wellness (p. 466)</td>
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<td>Select one course numbered 388 (p. 461)</td>
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<td>BS Science-related course requirements</td>
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Select 2 science courses  

Major Option  
Complete all required courses 36

Minor or 2nd Major  
Complete all required courses 24

Unrestricted electives  
Needed to reach 120 credit hour minimum 9

Total Credit Hours 120-122

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

Major Option  

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<th>Code</th>
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<tr>
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Department of Social Work

Mission Statement
The Social Work Department at the University of Nebraska at Kearney will prepare competent social work practitioners. Our graduates will be equipped with evidence-based generalist social work knowledge, skills, ethics and values to promote the dignity and well-being of all people within a diverse society.

Department Goals
1. Equip students with core competencies for beginning generalist social work practice that enables them to work with individuals, families, groups, organizations, and communities.
2. Prepare students for lifelong learning and the application of critical thinking to guide professional decision-making by combining a liberal arts foundation with social work education.
3. Prepare students to develop a professional identity, which will incorporate the knowledge, skills, values, and ethical principles of the social work profession that are crucial for the advancement of human rights, and economic and social justice.
4. Prepare students for evidence-based practice with diverse and marginalized populations.
5. Prepare students as beginning social work generalist practitioners who are engaged in research informed practice and practice informed research.

The Social Work Department is accredited by the Council on Social Work Education. The department does not grant academic credit for life experience or previous work experience. Social Work students are expected to work closely with their advisor to ensure that General Studies and major requirements are taken in the right sequence.

Social Work Major
One option is available in this major:

1. Social Work Comprehensive (p. 384) - Bachelor of Science Degree

The Social Work (p. 385) minor is available and recommended for students pursuing majors in other helping professions or human services.

Jody Van Laningham, Chair
Professor: Maha Younes
Associate Professor: Christina Sogar, Jody Van Laningham
Assistant Professor: Kristina Faimon, Lauren Gage, Benjamin Malczyk, Taekyung Park
Senior Lecturer: Nadine Stuehm
Lecturer: Teresa Vang-Freeling

Social Work (SOWK)

SOWK 170 – Introduction to Social Welfare 3 credit hours
The course explores the foundation and principles of social welfare in American society. The spectrum of social welfare programs and issues are examined with emphasis on the contexts that shape them and the impact they have on vulnerable and underrepresented groups.

SOWK 172 – Human Service Ethics and Experience 3 credit hours
This course presents the values and ethical principles that underlie social work and other human service professions. Course requirements include the completion of a 50 hours volunteer work experience at a human service program in the community. Students are advised to complete the course early in their program of study.

SOWK 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.

Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

SOWK 400 – Human Behavior in the Social Environment 3 credit hours
This course analyzes human behavior in the social environment from a life-span developmental approach from conception through adulthood. The theories, which emphasize biological, psychological, sociological, spiritual and cultural aspects of the individual are examined. A systems approach is combined with an ecological perspective to analyze social conditions and to identify problem areas in society

Prerequisite: SOWK 170
SOWK 410 – Social Policy & Programs  3 credit hours
The course examines the historical evolution of Social policy, value assumptions, as well as the social, political, and economic contexts and processes that impact it. Students learn the skills required for analysis of policies and advocacy for social and economic justice.
Prerequisite: SOWK 170

SOWK 420 – Diversity and Social Justice  3 credit hours
The course examines cultural, social, and economic diversity; the role of social institutions and social, political, and cultural processes as they relate to discrimination and oppression based on race, ethnicity, gender, sexual orientation, social class and disability status.

SOWK 440 – Fundamentals of Research in Social Welfare  3 credit hours
This course will introduce students to the concepts and principles of social work research methodology, educate them about the ethics and politics involved, and promote their understanding of research issues relevant to diversity, multiculturalism, as well as social and economic injustices.
Prerequisite: STAT 235 or STAT 241

SOWK 441 – Social Work Practice with Individuals & Families  3 credit hours
This course provides a foundation for generalist social work practice with individuals and families using a problem-solving approach within a systems framework.
Prerequisite: Minimum cumulative GPA of 2.5 and SOWK 400 and SOWK 410.

SOWK 442 – Social Work Practice with Groups  3 credit hours
The course expands on the generalist practice foundation and skills gained in SOWK 371 and focuses on social work practice with task and therapy groups.
Prerequisite: SOWK Majors - Cumulative GPA of 2.5 or above and a grade of "C" or above in SOWK 441 CSP LADC Certificate Program - minimum GPA of 2.5 and successful completion of CSP 417 LADC certificate students should enroll in SOWK 442 during spring semester.

SOWK 443 – Social Work Practice with Organizations and Communities  3 credit hours
This course focuses on macro social work with organizations, communities, state, and federal entities. It examines the models of community planning and organization with emphasis on individual and community empowerment and modifications of institutional structures. Program development, social planning, and administration of social agencies are taught and issues of equity and social justice issues related to populations at risk such as minorities, elderly, and women are explored.
Prerequisite: Minimum cumulative GPA of 2.5 and completion of SOWK 441 and SOWK 442 with a grade of C or better

SOWK 468 – Introduction to Disabilities  3 credit hours
A theoretical framework grounded in the social welfare values of self-determination and dignity across the lifespan is used to explore diverse issues in the disabilities field including demographics, etiology and policies, social welfare programs and community resources, and the role of social workers in serving people with disabilities.

SOWK 469 – Introduction to Mental Health Issues  3 credit hours
This course enables students to develop a broader understanding of the occurrence and impact of mental illness in society and from a social work perspective. Mental health issues across race, class, gender, and culture will be examined with the goal of promoting practice skills and sensitivity to future clients.

SOWK 470 – International Social Work Experience  1-6 credit hours
This summer experience takes students to foreign countries and immerses them into the social, cultural, political, and economic environment that impact citizens there. Policy issues and human rights are emphasized, compared to the American system, and assessed for support or hindrance of general wellbeing especially related to at-risk and underrepresented groups.
Department Consent Required
Total Credits Allowed: 6.00

SOWK 471 – Aging Services  3 credit hours
The common problems of the aged and their families are studied, knowledge of existing services is provided, and students are exposed to the initial theory and practice of delivering services to the aged in both the outpatient and inpatient setting.

SOWK 473 – Child Welfare Services  3 credit hours
The common problems of children and families needing services are studied. Knowledge of existing services is imparted, and students are exposed to the initial how of doing child welfare work.
Prerequisite: SOWK 172 and SOWK 400 and SOWK 410

SOWK 474 – Social Work in Rural Settings  3 credit hours
This course examines the distinctive nature of rural generalist practice, where practitioners are often faced with multiple and changing roles and responsibilities. This class will broaden the student's knowledge base by examining relevant history, technical expertise, and current trends and issues facing rural people and rural service providers within both national and local contexts.
Prerequisite: SOWK 172 and SOWK 400 and SOWK 410

SOWK 475 – Child Abuse and Neglect  3 credit hours
The course prepares students for child welfare practice and provides an overview of child maltreatment. A historical perspective of child abuse is used to examine issues related to reporting, legal response, treatment, and prevention, and intervention.
Prerequisite: SOWK 170

SOWK 476 – Social Work in Legal Settings  3 credit hours
An overview of social work practice, theory, and skills for working within and with legal host agencies, and a brief examination of legal consequences of social work practice.
Prerequisite: SOWK 172 and SOWK 400 and SOWK 410

SOWK 477 – School Social Work  3 credit hours
An overview of services provided by school social workers and the interrelationships with other student services.
Prerequisite: SOWK 172 and SOWK 400

SOWK 478 – Medical Social Work  3 credit hours
An overview of social work services provided in medical and other health care settings. The relationships to other professionals are explored in all health care settings. Students are introduced to the specific recommendations for practice in medical and other health care social services.
Prerequisite: SOWK 400 and SOWK 410

SOWK 479 – Violence Across the Lifespan  3 credit hours
The course focuses on the causes, prevalence, treatment and prevention of violence that individuals may encounter throughout the lifespan. It maintains a dual focus on victims and perpetrators of violence, the impact of violence on vulnerable groups, and prevention and intervention strategies that may be used in practice, programming, policy, and research.
SOWK 480 – Field Placement I  3 credit hours
The complete field placement experience, SOWK 480 & 481, consists of 400 actual contact hours of supervised experience in an approved social service agency, along with scheduled group seminar meetings with the field placement coordinator. The field placement experience allows students to integrate the theoretical foundation and skills gained throughout their academic preparation with practice in a supervised professional setting. A field placement application and approval process must be completed prior to enrollment in this course. This course represents the first 200 hours and involves an orientation to the agency, observing and learning the structure of the agency, and the integration of classroom content with practicum experiences.

SOWK 481 – Field Placement II  3 credit hours
The complete field placement experience, SOWK 480 & 481, consists of 400 actual contact hours of supervised experience in an approved social service agency, along with scheduled group seminar meetings with the field placement coordinator. The field placement experience allows students to integrate the theoretical foundation and skills gained throughout their academic preparation with practice in a supervised professional setting. A field placement application and approval process must be completed prior to enrollment in this course. This course represents the second 200 hours and involves actual hands on participation where students are expected to demonstrate a higher level of skills and an increased responsibility for their learning and performance.

SOWK 482 – Senior Social Work Seminar  3 credit hours
This course is designed as an integrating seminar to be taken concurrently with Field Placement. It facilitates the transition from student to professional social worker practice. Assignments build on the field placement experience to promote the integration of knowledge, skills,and values.

Prerequisite: SOWK 442 and permission of Field Coordinator.
Corequisite: SOWK 480 and SOWK 481.

SOWK 499 – Special Studies in Social Work  1-3 credit hours
An in-depth study of contemporary social work practice issues. The project is supervised by the director. This course may be repeated to a maximum of six hours.

Total Credits Allowed: 6.00
Prerequisite: 6 hours of Social Work and permission of the director

Social Work Comprehensive, Bachelor of Science

Offered by Department of Social Work (p. 382)

<table>
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<tr>
<th>Code</th>
<th>Title</th>
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<td>SOWK 172</td>
<td>Human Service Ethics and Experience</td>
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<td>SOWK 400</td>
<td>Human Behavior in the Social Environment</td>
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<td>SOWK 410</td>
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<tr>
<td>SOWK 420</td>
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Social Work Electives
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<td>SOWK 475</td>
<td>Child Abuse and Neglect</td>
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Social Work Minor
Offered by Department of Social Work (p. 382)

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Electives
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<td>SOWK 476</td>
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<td>SOWK 477</td>
<td>School Social Work</td>
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<td>SOWK 478</td>
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<tr>
<td>SOWK 479</td>
<td>Violence Across the Lifespan</td>
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</table>

Total Credit Hours: 48

Department of Sociology

Department Objectives

- To seek an understanding of the changes and development processes of social life;
- To develop comprehension, insight, analytical approaches, scientific inquiry approaches, liberal arts perspectives, and information-processing capabilities;
- To address social phenomena and social problems associated with racial, ethnic and other group relations, socio-cultural change, societal institutions, population dynamics, community disorganization, social conflict, social welfare and policy, deviance, effects of technological change, and major social problems;
- To prepare those students who wish to attend graduate school.

Sociology is the investigation of interpersonal and intergroup relationships, forms of organization in human life and consequences for humans. Sociological perspectives and competencies provide an essential basis for considering numerous career opportunities in conjunction with other UNK programs. Careers in government, business, social agencies, transportation, commerce, law, medicine, and information and data use are a few of the opportunities with this major. Further information is available through the Department offices.

Sociology Major

Two options are available in this major:

- Sociology (p. 388) - Bachelor of Arts Degree
- Sociology (p. 389) - Bachelor of Science Degree

Sociology 7-12 Teaching Subject Endorsement (p. 387) - Bachelor of Science in Education Degree

A Sociology (p. 388) minor is available to students pursuing majors in other disciplines or programs.

Professor: Kurt Borchard

Associate Professor: Sandra Loughrin, Suzanne Maughan

Assistant Professor: Hui Liew

Lecturer: Anna Hain

Sociology (SOC)

SOC 100 – Introduction to Sociology 3 credit hours
The development of social systems, group formations and types of social organizations, and the nature of cultural and subcultural variations.

SOC 124 – Social Problems 3 credit hours
An overview of issues confronting American society that have possible adverse social consequences. Students select a broad cross section of social problems for study and discussion. A theoretical approach/background is offered as a basis for examination of the problems chosen.

SOC 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.

Total Credits Allowed: 6.00

Prerequisite: First year freshman standing or sophomore standing only.

SOC 201 – Social Inequality 3 credit hours
An examination of the American social class system and its impact on the lives of the members of society. Theories of the development of social classes are offered as a basis for class discussions. Alternative social class systems are examined along with the American system. The course concentrates on power relationships, ownership of assets, and the impact of class membership on values, beliefs, attitudes, life styles and life chances.

SOC 210 – Participating in a Democratic Society 3 credit hours
The primary focus of the course is to engage students in questions of democracy. Students will learn how to become informed citizens by learning how to gather and analyze information, examining the various perspectives of arguments, and studying contemporary social movements.
SOC 225 – Global Cultures and Diversity 3 credit hours
This course acquaints the student with a broad range of cultural, racial, and social groups which are recognized as different by the community. It focuses on the causes of the differential treatment, the problems created for these groups and the community, and suggests some solutions that practicing social workers and human service professionals will find useful in dealing with these groups.

SOC 237 – Sociological Inquiry 3 credit hours
Systematic treatment of the design and conduct of social research and of the logical foundations of empirical research. Includes guided practice in the collection and analysis of data and an individual experience in the formulation and design of a research project.

SOC 250 – Anthropology 3 credit hours
Reviews the physical evolution of humans and the origins of culture. The concepts of culture and cross-cultural comparison are utilized to understand the various ways of life humans have created throughout history.

SOC 275 – Social Psychology 3 credit hours
Group influences on individual behavior, including role theory, socialization, personality development, and attitude change.

SOC 280H – Special Topics-Honors 3 credit hours
SOC 300 – Sociological Theory 3 credit hours
This course develops analytical approaches to the examination and use of sociological theory in social systems. Basic comprehension of the various paradigms and schools of thought are examined as well as critiques using classical, contemporary, and emerging theoretical writings. Evaluation of the application of social theories is also attempted.
Prerequisite: SOC 100 or a 200 level Sociology course or permission.

SOC 310 – Introduction to Social Demography 3 credit hours
This course will introduce the basic concepts of social demography. The class will familiarize students with important theoretical perspectives, current patterns in global population and data sources to examine these patterns. The major demographic processes - fertility, mortality and migration - will be discussed in detail. The class will conclude by examining changes in family and urban structures.
Prerequisite: SOC 100 or SOC 124 or by permission

SOC 335 – The Aged in American Society 3 credit hours
This course examines the contributions of sociological theory to gerontology, including major perspectives as structural functionalism and conflict. Material presented will create an awareness of the influences of older people. Topics to be covered include: Socialization for the role of aged persons, social experiences of the elderly, political and social participation of the elderly, and economic status of the elderly.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 340 – The Holocaust 3 credit hours
This course familiarizes students with a basic history of the Holocaust, and the social, political, and economic conditions that created a climate in which it could occur. Several disciplinary perspectives are applied to analyzing the historical events that make up the Holocaust. Ethical issues and imperatives raised by the Holocaust are considered. Finally, questions are raised about how and why the Holocaust should be remembered.

SOC 349 – Sociology of Work 3 credit hours
An understanding of the present design of the American labor process will be achieved through a socio-historical analysis of the workplace. By placing work in its social context, we can better understand the gender and ethnic dynamics within the workplace. Such programs as employee involvement will be analyzed within a social context.
Prerequisite: SOC 100 or permission of instructor

SOC 360 – Criminology 3 credit hours
The nature of crime; its types, distribution and trends. Theories of causation. Analysis of law enforcement, law and the courts, treatment modalities, and post-release situation of ex-offenders.
Prerequisite: SOC 100 or SOC 124 or SOC 250 or permission

SOC 363 – Juvenile Delinquency 3 credit hours
Examines types, distribution and trends of delinquent conduct. Theories of causation; public reaction to delinquency. Detection and referral; the juvenile court; personnel, processing and disposition; treatment and aftercare.
Prerequisite: SOC 100 or SOC 124 or SOC 250 or permission

SOC 366 – Sociology of Gender 3 credit hours
A course designed to increase knowledge regarding the initial development of sex-roles, socialization for behavior that is appropriate to gender, and the satisfaction of personal needs through interaction with societal groups. The intention is to raise student consciousness of expanding options for future family life, occupational choices and social relationships.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 369 – Sociology of Gender 3 credit hours
A course designed to increase knowledge regarding the initial development of sex-roles, socialization for behavior that is appropriate to gender, and the satisfaction of personal needs through interaction with societal groups. The intention is to raise student consciousness of expanding options for future family life, occupational choices and social relationships.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 370 – Sociological Research 3 credit hours
A sociological research project will be undertaken by the class in order to master the basic components of research. The project will be defined at the beginning of the semester and may have components of quantitative and/or qualitative methods.
Prerequisite: SOC 237 or permission of the instructor

SOC 380 – Sociology of Sexuality 3 credit hours
This course is designed to explore the social bases of human sexual interaction. Though we may perceive sex to be a natural and biologically driven behavior, it is in fact, largely shaped by social norms, values, and expectations. Therefore, over the course of the semester, we will examine the variety of human sexual behaviors, as well as the social context in which these behaviors occur and develop.

SOC 385 – Sociology of Family 3 credit hours
This course examines the contributions of sociological theory to gerontology, including major perspectives as structural functionalism and conflict. Material presented will create an awareness of the influences of older people. Topics to be covered include: Socialization for the role of aged persons, social experiences of the elderly, political and social participation of the elderly, and economic status of the elderly.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 410 – Globalization and Development 3 credit hours
This course is designed to explore globalization and development. The class will introduce students to important perspectives regarding globalization and development. The current trends emphasizing globalization in international dialogue will be examined. Relevant case studies will be utilized to further the understanding of the processes involved in globalization and development.
Prerequisite: SOC 225 or SOC 310

SOC 420 – Race and Minority Relations 3 credit hours
Examines the history and status of minority groups in society, the relationship between minority groups and the dominant group, focuses on the causes of intergroup conflict and suggests solutions to intergroup problems.
Prerequisite: SOC 100 or SOC 250 or permission
SOC 430 – Sociology of Family 3 credit hours
A sociological analysis of the family as a social unit. Topics focus on historical changes, cultural patterns, social class influences, group processes, institutional aspects, contemporary social changes and the future of the family. The evolving role of women will be examined for its impact on the family.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 440 – Sociology of Education 3 credit hours
A systematic study of the social organization of the formal socialization process, the larger societal and organizational contexts of the socialization process, and the sociocultural forces and conflicts among social groups in relation to the process. Analysis of the adolescent as a client, the social organizations of the school, and the consequences and outcomes for participants in the schooling process are examined. Contemporary trends, cross-cultural comparisons, and critiques of research findings and reports are examined from the sociological perspective.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 442 – Sociology of Religion 3 credit hours
Examines religion as a social phenomenon and attempts to relate it to other aspects of human social life. Topics considered include the dilemmas of belief and institutionalization, religious movements, religion and change, secularization, and the future of religion.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 461 – Deviance and Social Control 3 credit hours
The philosophical assumptions embedded in the theories of deviance are examined and applied in the critical reading of deviance texts. A basic question explored is who and what is defined as deviant by each of the sociological perspectives. Through this examination we will investigate who controls social behavior and the basis of control contained within the theories.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 462 – Sociology of Health and Illness 3 credit hours
This course provides an introduction to the field of medical sociology with attention to physical as well as mental illnesses. The emphasis will be upon the influence of social factors in becoming ill and social factors which influence treatment. Topics to be covered will include: Social epidemiology, health and illness behavior, the health professions, health care institutions, and alternative systems of health service.
Prerequisite: SOC 100 or SOC 250 or permission

SOC 468 – Senior Seminar 3 credit hours
Seminar serves as a capstone for the general degree option in sociology. The philosophical underpinnings of the basic issues in sociology will be examined. Students come to see how the pieces of sociology form a cogent whole.
Prerequisite: 18 hours of completed Sociology coursework

SOC 471 – Special Topics 3 credit hours
Special topics of current research by Sociology faculty actively involved in research projects.
Total Credits Allowed: 6.00
Prerequisite: SOC 100 or SOC 250 or permission

SOC 475 – Internship 1-9 credit hours
This course is designed to give the student experience in a work situation within his/her area of specialization and interest.
Total Credits Allowed: 9.00
Prerequisite: 12 hours of Sociology or permission of instructor

SOC 488 – Research Seminar in Sociology 3 credit hours
Group investigations of sociological problems.
Prerequisite: SOC 237 or permission

SOC 490 – Directed Research 1-3 credit hours
Independent original research under the direction of a Sociology faculty member. Permission and a contract specifying topic and requirements are necessary before enrollment for the course.
Total Credits Allowed: 3.00
Prerequisite: SOC 237 or permission

SOC 499 – Directed Readings 1-3 credit hours
Independent readings on advanced or contemporary sociological topics, to be selected in consultation with and directed by a Sociology faculty member. A contract specifying readings and requirements for the course is necessary before enrollment for the course.
Total Credits Allowed: 3.00
Prerequisite: SOC 300 or two 300 to 400 level Sociology courses and permission of the instructor

Sociology 7-12 Teaching Subject Endorsement, Bachelor of Science in Education
Offered by Department of Sociology (p. 385)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td>12</td>
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<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td></td>
</tr>
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<td><strong>Including:</strong></td>
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<tr>
<td></td>
<td>ENG 102 Academic Writing and Research</td>
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<tr>
<td></td>
<td>SPCH 100 Fundamentals of Speech Communication</td>
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<td></td>
<td>TE 100 Teaching in a Democratic Society</td>
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<tr>
<td></td>
<td>Portal</td>
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<tr>
<td></td>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Distribution</strong></td>
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<td></td>
<td>ENG 101 Introduction of Academic Writing</td>
<td>3</td>
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<tr>
<td></td>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
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<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
<td>3</td>
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<tr>
<td></td>
<td>Humanities (p. 464)</td>
<td>6</td>
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<tr>
<td></td>
<td>Social Sciences (p. 465)</td>
<td>6</td>
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<tr>
<td></td>
<td><strong>Including:</strong></td>
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<tr>
<td></td>
<td>SOC 100 Introduction to Sociology</td>
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<td></td>
<td>PSCI 110 Introduction to American Politics</td>
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<td></td>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
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<tr>
<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
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</tr>
<tr>
<td></td>
<td>Wellness (p. 466)</td>
<td>3</td>
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<td><strong>Including:</strong></td>
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<td></td>
<td>PE 150 Healthy Wealthy and Wise</td>
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<td></td>
<td>Capstone</td>
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<td></td>
<td>Select one course numbered 388 (p. 461)</td>
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**Professional Sequence**
Complete all required courses 1  25
Including:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>TE 319</td>
<td>Management and Assessment in K-12/Secondary Classrooms</td>
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<tr>
<td>TE 320</td>
<td>Field Experience in Secondary Classroom</td>
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</table>

**Endorsement**

Complete all required courses 36

**Unrestricted electives**

Needed to reach 120 credit hour minimum 13

Total Credit Hours 120

**Sociology Minor**

Offered by Department of Sociology (p. 385)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 124</td>
<td>Social Problems</td>
<td>3</td>
</tr>
<tr>
<td>SOC 201</td>
<td>Social Inequality</td>
<td>3</td>
</tr>
<tr>
<td>SOC 237</td>
<td>Sociological Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>SOC 300</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOC 420</td>
<td>Race and Minority Relations</td>
<td>3</td>
</tr>
<tr>
<td>SOSC 370</td>
<td>Social Science of the High School</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 170</td>
<td>Introduction to Social Welfare</td>
<td>3</td>
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</table>

Select 1 of the following collective behavior emphasis courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>SOC 369</td>
<td>Sociology of Gender</td>
<td></td>
</tr>
<tr>
<td>SOC 442</td>
<td>Sociology of Religion</td>
<td></td>
</tr>
<tr>
<td>SOC 462</td>
<td>Sociology of Health and Illness</td>
<td></td>
</tr>
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</table>

Select 1 of the following policy emphasis courses: 3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>SOC 335</td>
<td>The Aged in American Society</td>
<td></td>
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<tr>
<td>SOC 369</td>
<td>Sociology of Gender</td>
<td></td>
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<td>Sociology of Family</td>
<td></td>
</tr>
<tr>
<td>SOC 462</td>
<td>Sociology of Health and Illness</td>
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</table>

Select 1 of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>SOC 225</td>
<td>Global Cultures and Diversity</td>
<td></td>
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<tr>
<td>SOC 250</td>
<td>Anthropology</td>
<td></td>
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<tr>
<td>SOC 275</td>
<td>Social Psychology</td>
<td></td>
</tr>
<tr>
<td>SOC 349</td>
<td>Sociology of Work</td>
<td></td>
</tr>
</tbody>
</table>

**Sociology Supporting Courses**

Select 6 credit hours of the following: 6

**Economics**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>ECON 100</td>
<td>Contemporary Economic Issues</td>
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</tr>
<tr>
<td>ECON 270</td>
<td>Principles of Economics, Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>ECON 271</td>
<td>Principles of Economics, Microeconomics</td>
<td></td>
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</table>

**Geography**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEOG 104</td>
<td>World Regional Geography</td>
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</tr>
<tr>
<td>GEOG 106</td>
<td>Human Geography</td>
<td></td>
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<tr>
<td>GEOG 206</td>
<td>Geography of the United States and Canada</td>
<td></td>
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<tr>
<td>GEOG 321</td>
<td>Economic Geography</td>
<td></td>
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<tr>
<td>GEOG 340</td>
<td>Developing Nations</td>
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**Political Science**

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<tbody>
<tr>
<td>PSCI 110</td>
<td>Introduction to American Politics</td>
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<tr>
<td>PSCI 140</td>
<td>Democracies Around the World</td>
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</tr>
<tr>
<td>PSCI 168</td>
<td>Introduction to International Relations</td>
<td></td>
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<tr>
<td>PSCI 170</td>
<td>Democracy as a Political Idea</td>
<td></td>
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<tr>
<td>PSCI 325</td>
<td>Individual Liberties and Civil Rights</td>
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<tr>
<td>PSCI 351</td>
<td>The American Congress</td>
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**Psychology**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 231</td>
<td>Abnormal Behavior and Society</td>
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<tr>
<td>PSY 318</td>
<td>Experimental Social Psychology</td>
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<tr>
<td>PSY 374</td>
<td>Psychology of Gender</td>
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<tr>
<td>PSY 403</td>
<td>Psych of Motivation</td>
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<tr>
<td>PSY 410</td>
<td>Industrial Psychology</td>
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</table>

**History**

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HIST 210</td>
<td>Western Civilization</td>
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<tr>
<td>HIST 211</td>
<td>Western Civilization</td>
<td></td>
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<tr>
<td>HIST 250</td>
<td>American History</td>
<td></td>
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<tr>
<td>HIST 251</td>
<td>American History</td>
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<tr>
<td>HIST 483</td>
<td>The Gilded Age 1870-1898</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 36

1 Students must apply for admission to all Teacher Education programs (p. 404).

**Sociology, Bachelor of Arts**

Offered by Department of Sociology (p. 385)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 300</td>
<td>Sociological Theory</td>
<td>3</td>
</tr>
<tr>
<td>SOC 201</td>
<td>Social Inequality</td>
<td>3</td>
</tr>
<tr>
<td>or SOC 250</td>
<td>Anthropology</td>
<td></td>
</tr>
<tr>
<td>SOC 225</td>
<td>Global Cultures and Diversity</td>
<td>3</td>
</tr>
<tr>
<td>or SOC 275</td>
<td>Social Psychology</td>
<td></td>
</tr>
</tbody>
</table>

**Electives**

Take 12 credit hours of SOC 300- or SOC 400-level courses other than those listed above, excluding SOC 490 and SOC 499.

Total Credit Hours 24
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

<table>
<thead>
<tr>
<th>Area</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aesthetics (p. 460)</td>
<td>3</td>
</tr>
<tr>
<td>Humanities (p. 464)</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences (p. 465)</td>
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</tr>
<tr>
<td>Natural Sciences (p. 464)</td>
<td>7</td>
</tr>
<tr>
<td>Analytical and Quantitative Thought (p. 460)</td>
<td>0</td>
</tr>
<tr>
<td>Wellness (p. 466)</td>
<td>0</td>
</tr>
</tbody>
</table>

Needed to reach 27 credit hour minimum in Distribution 2

**Capstone**

Select one course numbered 388 (p. 461) 3

**BA Language requirement**

Complete all required courses 1

**Major Option**

Complete all required courses 33

**Minor or 2nd Major**

Complete all required courses 2

**Unrestricted electives**

Needed to reach 120 credit hours minimum 12

**Total Credit Hours** 120

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**Sociology, Bachelor of Science**

Offered by Department of Sociology (p. 385)
Department of Teacher Education

The Department of Teacher Education administers the professional education component of all undergraduate and graduate teaching programs.

For more information about the department’s Transitional Certification Program (http://catalog.unk.edu/graduate/departments/teacher-education/post-baccalaureate-transitional-certification-program), see the Graduate Catalog.

Department Mission

The Department of Teacher Education is committed to the principle that teaching is a moral endeavor and that the primary purpose of education in America’s schools is the preparation of our youth for the role of citizen in our social and political democracy. This basic belief forms the foundation of our mission. The mission is predicated upon the four moral dimensions espoused by the National Network for Educational Renewal (NNER):

a. the enculturation of youth into a social and political democracy;
b. access to knowledge;
c. nurturing pedagogy; and
d. stewardship.

The themes of democracy, diversity, and technology are also central to department courses and programs.

Department Objectives

1. To provide premier undergraduate and graduate programs for the preparation of preservice teachers and the professional development of in-service teachers.
2. To encourage the habits of independent and lifelong learning among undergraduate- and graduate-level students.
3. To foster the development of effective and committed educators who are responsible, collaborative, and reflective. To this end, department undergraduate and graduate courses provide a broad knowledge base, applied skills, competencies, dispositions, and appropriate field and/or practicum experiences.

College of Education - Desired Outcomes - Initial Certification Morally Responsible Professionals in a Social/Political Democracy

The University of Nebraska at Kearney recognizes the importance of education in and for a democratic society and has identified the following desired outcomes. Therefore, by the time UNK students complete their education program, they will:

1. Demonstrate Knowledge of:
   • (Ka) teaching area content.
   • (Kb) learning theory, instructional strategies and management practices that accommodate and enhance learning of all learners.
   • (Kc) purposes of schooling in a diverse and democratic society.
   • (Kd) data collection and interpretation procedures necessary to maximize learning for all learners.
2. Demonstrate Skills to:
   • (Sa) develop and implement lesson plans that utilize appropriate P-12 content standards and subject matter.
   • (Sb) utilize student data to implement multiple instructional and management strategies.
   • (Sc) use technology effectively in the school setting.
3. Demonstrate Dispositions of:
   • (Da) collaboration: Demonstrates ability to work productively with colleagues and students in school and community settings.
   • (Db) reflection: Demonstrates self-assessment abilities and adjusts/adapts teaching and learning strategies to enhance learning of all learners.
   • (Dc) responsibility: Assumes accountability for professional and ethical behavior to promote a safe and supportive learning environment.

Elementary/Middle Level/Early Childhood Education Major

Three options are available in this major:

1. Elementary Education Teaching Field Endorsement (p. 401) - Bachelor of Arts in Education Degree
2. Middle Level 5-9 Teaching Subject Endorsement (p. 402) - Bachelor of Arts in Education Degree or Middle Level 5-9 Teaching Subject Endorsement (p. 403) - Bachelor of Science in Education Degree
3. Early Childhood Inclusive Teaching Field Endorsement (p. 399) - Bachelor of Arts in Education Degree

Special Education Major

Three options are available in this major:

1. Special Education K-12 Teaching Field Endorsement (p. 406) - Bachelor of Arts in Education Degree
2. Special Education K-6 Teaching Subject Endorsement (p. 407) - Bachelor of Arts in Education Degree
3. Special Education 7-12 Teaching Subject Endorsement (p. 404) - Bachelor of Arts in Education Degree

Minors in Early Childhood Education (p. 398), Educational Studies (p. 400), Special Education (p. 408), and Training and Development in the Workplace (p. 411) are available in the department.

A supplemental endorsement is offered in English As a Second Language (p. 409).

For more information about the department’s Transitional Certification Program (http://catalog.unk.edu/graduate/departments/teacher-education/post-baccalaureate-transitional-certification-program), see the Graduate Catalog.

Christopher Knoell, Chair

Professor: Sherry Crow, Carrie Kracl, Jane Strawhecker

Associate Professor: Dena Harshbarger, Christopher Knoell, Jeff Kritzer, Linda Lilienthal, Jude Matyo-Cepero, Wendy McCarty, Dawn Mollenkopf, Glenn Tracy, Phu Vu, Jane Ziebarth-Bovill

1 A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.
Assistant Professor: Julia Agard, Alice Cahill, Chandra Diaz DeBose, Martonia Gaskill, Judy Henning, Po Hu, Rebecca Nelson, Paula Thompson, Stathene Varvisotis, Brian Wojcik
Senior Lecturer: Cami Prochnow
Lecturer: Bettina Baker, Jane Blum, Christine Fisher, Bailey Koch, Margaret McCollough, Cami Prochnow

Teacher Education (TE)

TE 100 – Teaching in a Democratic Society 3 credit hours
The first course for all teacher education majors. The key course themes are democracy, diversity, and technology. Current educational issues will be explored. The course includes a field experience in K-12 school sites. Concurrent enrollment in a matched section of PSCI 110 is encouraged.

TE 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.
Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

TE 204 – Growth & Development/Introduction to Exceptionalities 4 credit hours
This course is one of the two required classes for Level II education majors. Students will become aware of human development and exceptionalities as related to five specific categories: physical development, emotional/behavioral development, social development, language development, and cognitive development. Students will be expected to observe individual students in a K-12 partner school setting. The field experiences embedded in the structure of the semester will allow students to make the connection between course content and theory and the relevance of development in a classroom setting. Subsequently, a case study will be compiled by each student using the data collected and analyzed from the field observations. Assessment of dispositions and the case study completed in this course are required common assessments in the Teacher Education program.
Prerequisite: Sophomore standing or above

TE 206 – Instructional Technology and the Preservice Teacher 3 credit hours
This course will introduce preservice teachers to a variety of technologies and strategies for their use in the instructional process to accommodate diverse students. Preservice teachers will comprehend and model ethical and democratic principles of instructional technology integration in their classrooms. One course requirement is a P-12 school-based project.

TE 207 – Designing and Implementing eLearning 3 credit hours
This course focuses on the principles of instructional design in the online environment. A variety of eLearning software will be used and online instructional techniques and strategies will be developed and employed.

TE 306 – Reading and Inclusion in K-12 Classrooms 2 credit hours
This course is designed to introduce practical techniques for teaching reading and inclusive methods for learners with exceptionalities in content areas. Content area reading instruction and effective inclusive practices for both elementary and secondary students will be addressed.
Prerequisite: Admission to Teacher Education

TE 311 – Math Methods I 2 credit hours
This course focuses on the teaching of mathematics in an elementary classroom setting. The philosophy of teaching mathematics, as advocated by the National Council of Teachers of Mathematics will be introduced. The teaching methodology will center on the mathematical content strands of number/operation and algebra as well as the process strands of problem solving, making connections, and reasoning.
Prerequisite: TE 204.
Corequisite: TE 313 and MATH 230.

TE 312 – Math Methods II 2 credit hours
This course focuses on the teaching of mathematics in an elementary classroom setting. The philosophy of teaching mathematics, as advocated by the National Council of Teachers of Mathematics will be emphasized. The teaching methodology will center on mathematics content strands of number/operation, geometry/measurement, and data analysis and probability.
Prerequisite: Admission to Teacher Education and TE 311.
Corequisite: TE 313.

TE 313 – Field Experience: Math 0.5 credit hours
The course is designed to provide practical application of effective mathematics instructional skills and assessment techniques. Students will be placed in one or more elementary classroom settings for a total of fifty (50) clock hours. Students will develop and implement math activities, lessons plans, and assessment procedures with individual students, small groups, and the entire class.
Total Credits Allowed: 1.00
Corequisite: TE 311 or TE 312.

TE 314 – Phonics and Word Study 2 credit hours
This course is designed to teach phonics/word study skill instruction in inclusive K-6 classrooms. The course will emphasize phonemic awareness, phonics, sight word recognition, and spelling in a balanced literacy program.
Prerequisite: Admission to Teacher Education and TE 318 or TE 319.
Corequisite: TE 315 and TE 316 and TE 317.

TE 315 – Literacy Assessment 2 credit hours
This course emphasizes the assessment of literacy in grades kindergarten through three. The teacher candidate will learn how to administer and interpret assessments of reading and writing ability.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 314 and TE 316 and TE 317.

TE 316 – Primary Grades Literacy 2 credit hours
This course focuses on the teaching of literacy in the primary grades (K-3). The course will emphasize a balanced literacy perspective for the development of reading and writing abilities by primary age children in the inclusive primary grades classroom.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 314 and TE 315 and TE 317.
TE 317 – Field Experience: Literacy 1 credit hour
The course is designed to provide practical application of effective primary literacy instructional skills and assessment techniques. Students will be placed in one or more elementary (Kindergarten to Grade 3) classroom settings for a total of fifty (50) clock hours. Students will develop and implement primary literacy lessons plans and assessment procedures. Prerequisite: Admission to Teacher Education. Corequisite: TE 314 and TE 315 and TE 316.

TE 318 – Management and Assessment in Preschool/Elementary Classrooms 2 credit hours
This course is designed to prepare students for the challenges of effectively managing the classroom and assessing student progress. The course emphasizes: planning, preparing, establishing routines, monitoring and managing student behavior, aligning standards-based assessments, determining assessment alternatives, and interpreting assessment results. Prerequisite: Completion of or concurrent enrollment in TE 204

TE 319 – Management and Assessment in K-12/Secondary Classrooms 2 credit hours
This course is designed to prepare students pursuing K-12/Secondary endorsements for the considerable challenges of effectively planning and designing classroom instruction, assessing student progress toward defined objectives and managing student behavior. The course will emphasize: planning and preparation, standards-based instruction, assessment alternatives, creating quality assessment tools, standardized testing, interpreting assessment results, and managing student behavior in a variety of K-12 settings. Prerequisite: Admission to Teacher Education. Corequisite: TE 320 or ART 371 or CDIS 312 or MUS 356 or MUS 467 or PE 471.

TE 320 – Field Experience in Secondary Classroom 2 credit hours
This 100 clock hour minimum field-based experience is designed to induct students K-12/Secondary endorsements into classroom teaching and develop an awareness of the many roles of a professional K-12/Secondary educator. Under the mentorship of a middle/secondary educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators. Prerequisite: Admission to Teacher Education. Corequisite: TE 319.

TE 327 – Introduction to Language Minority Students 2 credit hours
The purpose of this course is to provide the prospective entry-level teacher with information relating to changing demographics underlying the presence of language minority students in the public schools, the acculturation process, the terminology of second language education, legal issues for Limited English Proficient (LEP) students, and program models designed to serve them. Special attention is given to identifying the attitudes, skills, and behaviors which the monolingual classroom teacher needs to develop in order to effectively teach language minority students. Prerequisite: TE 100

TE 328 – Content Methods in English as a Second Language 3 credit hours
This course is designed to provide classroom and English Second Language (ESL) teachers with knowledge and skills necessary to work with ELLs in mainstream classrooms or in pull-out, sheltered, newcomer, or structured English immersion programs. The aim is to satisfy the twin goals of learning social (BICS) and academic (CALPS) English while not allowing students to fall behind in content instruction. Prerequisite: TE 100

TE 329 – Educational Assessment of ESL Students 3 credit hours
This course is designed to prepare the ESL classroom teacher to organize and implement an appropriate ESL assessment program in a public school. While the course will review principles of measurement and interpretation of current educational tests (intelligent, achievement, language proficiency, and adjustment scales), special emphasis will be placed on other areas as well: cross-cultural communication which include parent-teacher conferences, home visits, and promoting cultural understanding in the classroom; the development of alternative and equitable forms of assessment (authentic, portfolio, and curriculum assessment); and the implementation of a program including hands-on testing practice, the placement of students within an ESL program (or in the regular classroom), and the justification of the program to both regular classroom teachers and administrators. Prerequisite: TE 100

TE 331 – Intermediate Literacy 3 credit hours
This is a reading class designed for undergraduate students seeking an endorsement in Elementary Education or for those students seeking a Middle School Endorsement. This course will emphasize the following: the development of literacy skills in the intermediate child including comprehension skill development, vocabulary development and fluency development in narrative and expository text. The class will emphasize a balanced approach to reading instruction. A variety of theoretical approaches will be explored. Prerequisite: Admission to Teacher Education

TE 333 – Reading in the Content Area in Middle Level Classrooms 3 credit hours
This course is designed to introduce practical techniques of teaching literacy in a middle level setting for all learners. The responsibilities of teachers in the content area of reading instruction and effective practices for all learners will be addressed. Prerequisite: Admission to Teacher Education

TE 335 – Inclusive Methods K-3 3 credit hours
The focus of this course is on understanding primary grade children's development, how this is impacted by disability, and how giftedness, medical conditions, culture and other personal factors may influence development and learning. Students will learn how to organize K-3 classrooms to create a positive learning climate, encourage social relationships among peers, build positive behavioral supports, differentiate instruction, and integrate inclusive strategies across academic areas to maximize learning. Students will also understand the role of the special education teacher and how to implement IDIEA and Response To Intervention (RTI) for primary grade children. Prerequisite: Admission to Teacher Education and TESE 334 and TESE 334L. Corequisite: TE 335L.
This course is designed to provide practical application of inclusive practices for kindergarten and primary grade children. Students will work in K-3 classrooms with assigned children who have disabilities, medical conditions, or other special needs that affect learning. Students will engage in experiences that will enhance their knowledge of Response to Intervention, and Special Education services for this age group. The experiences shall consist of 30 clock hours.

Corerequisite: TE 335.

**TE 336 – Methods for Preschool and Kindergarten Classrooms** 3 credit hours

The focus of this course is to provide students with the knowledge and skills needed to create effective preschool and kindergarten classrooms that will address the needs of the whole child, and incorporate developmental and learning needs of children with a wide range of abilities.

Prerequisite: TE 331 and TESE 333 or TE 327 or TE 329 or TE 328.

**TE 338 – Infant and Toddler Mental Health** 2 credit hours

This course is designed to provide students with the knowledge and practical skills necessary to integrate mental health support and services into early childhood program (center based, home based and home visitation). Students will investigate key infant toddler mental health principals and understand the latest research and best practice related to infant mental health.

**TE 339 – Infant and Toddler Curriculum** 2 credit hours

This course is designed to help students plan a responsive and relationship-based curriculum for infants, toddlers and their families. Students will compare and contrast research based infant toddler curriculums, as well as review a variety of caregiver resources. Students will learn how to plan curriculum, produce individualized lesson plan that reflect children’s interests while also meeting program criteria and performance standards. In addition, students will explore a variety of early childhood program options including home childcare, home visitation and center based care.

**TE 341 – Foundations of Early Childhood Education** 2 credit hours

The focus of this introductory course is on historical and philosophical developments in the care and education of children with typical and atypical development, birth through age eight. Legal basis of services for young children and current social issues and legislation are studied. Students are introduced to the range of children served and developmentally appropriate practices for each of the age groups: infants and toddlers, preschoolers, kindergarteners, and primary grade children.

**TE 342 – Literacy Methods for the Preschool Teacher** 2 credit hours

The focus of this course is on preparing teachers to create effective beginning literacy programs for young children. Primary focus will be on preschool aged children with attention to both typical, atypical, and second language development. Students will (1) understand child development in relation to oral and written language, (2) be able to assess young children’s language skills, (3) know how to create literacy-rich environments, (4) learn important teaching strategies to effectively promote early language skills, and (5) address the language needs of a diverse range of learners, including those with disabilities and Dual Language Learners.

Prerequisite: TE 336 or permission

**TE 343 – Methods of Inclusive Education Birth through Age 3** 3 credit hours

This course is designed to provide students with the experiential knowledge and practical skills necessary to select, evaluate, develop, adapt, and implement developmentally appropriate inclusive instructional strategies for infants and toddlers birth through age three across developmental domain areas. Students will focus on arranging inclusive environments, monitoring children’s progress, working with IFSP’s, and embedding inclusive teaching strategies within the context of developmentally appropriate curriculum materials to maximize healthy development and learning for infants and toddlers with and without disabilities.

Prerequisite: Admission to Teacher Education and TESE 334 or FAMS 150.

**TE 343L – Field Experience: Birth to Age 3** 0.5 credit hours

This course is designed to provide practical application of integrated, inclusive instructional strategies and assessment procedures for all young children birth through age three. Students will placed in early childhood teaching environments with children birth through age three including children with disabilities. The experiences shall consist of 30 clock hours with 20% of the hours (6 hours) in settings with children with a range of disabilities.

Corerequisite: TE 343.

**TE 344 – Methods of Inclusive Education Ages 3 to 5** 3 credit hours

This course is designed to provide students with the experiential knowledge and practical skills necessary to select, evaluate, develop, adapt, and implement developmentally appropriate inclusive curricular materials and instructional strategies for children ages 3 to 5. Students will focus on arranging inclusive environments, monitoring children’s progress, working with IEPs, and embedding inclusive teaching strategies within the context of developmentally appropriate curriculum materials to maximize healthy development and learning for children ages 3 to 5 with and without disabilities, including those who are gifted or who are English Language Learners.

Prerequisite: Admission to Teacher Education and TESE 334 or FAMS 150.

**TE 344L – Field Experience: Ages 3 to 5** 0.5 credit hours

This course is designed to provide practical application of integrated, inclusive instructional strategies and assessment procedures for all young children ages three to five. Students will be placed in early childhood teaching environments with children age 3 through age five including children with disabilities. The experiences shall consist of 30 clock hours with 20% of the hours (6 hours) in settings with children with a range of disabilities.

Corerequisite: TE 344.

**TE 345 – Field Experience: Early Childhood Unified** 0.5 credit hours

This course is designed to provide practical application of integrated, inclusive instructional strategies and assessment procedures for all young children birth through age eight. Students will be placed in early childhood teaching environments with children birth through age eight including children with disabilities. The experiences shall consist of 25 clock hours with 20% of the hours (5 hours) in settings with children with a range of disabilities.

Total Credits Allowed: 1.00

Prerequisite: Admission to Teacher Education or FAMS 150.

Corerequisite: TE 343 or TE 344.
TE 346 – Early Childhood Program Administration 1 credit hour
This course is designed to provide students with a comprehensive understanding of the administrative aspects of early childhood programs. This course will prepare students to plan a facility, identify program goals, work with community resources, collaborate with schools and other early childhood programs, implement an early childhood program, and evaluate program quality.
Prerequisite: TE 341

TE 347 – Literacy Methods 0-3 2 credit hours
The focus of this course is on preparing teachers to create effective beginning literacy programs for young children. Primary focus will be on children ages 0-3 years. Students will (1) understand child development in relation to oral and written language, (2) know how to create literacy-rich environments, (3) learn important strategies to effectively promote early language and literacy skills, (4) be able to assess young children’s language and literacy skills, (5) be able to support parents as the primary educator of their children and (6) address the language needs of a diverse range of learners, including those with disabilities and English Language Learners.
Prerequisite: TE 100 or FAMS 250 or FAMS 251

TE 348 – Math, Science, and Social Studies for Children 0-8 3 credit hours
This course is designed to provide students with the experiential knowledge and practical skills necessary to develop, and implement developmentally appropriate curricular materials and instructional strategies in the areas of math, science, and social studies for children 0-8. Students will develop an understanding of social concepts and mathematical and scientific processes in the context of child development and how to implement activities and experiences across subject areas and themes that engage children in the learning process and help them internalize foundational concepts. Students will develop the skills to prepare materials and activities that are culturally sensitive, and address the needs of children with and without disabilities, including those who are gifted or who are English Language Learners.
Prerequisite: TE 336 or TE 311

TE 349 – Supporting Young Children Through Family & Community Involvement 1 credit hour
This course is designed to help students acquire the critical skills they need to establish effective, productive relationships with the families of young children and members of the community. Students will utilize a wide array of realistic case studies, and issues for discussion that sensitively address the increasing diversity of family structures in society. In addition, students will have a better understanding of parents and families and the resources available to them.

TE 351 – Reading in the Content Area 2 credit hours
This is a reading class designed for undergraduate students seeking an endorsement in Elementary Education or for those students seeking a Middle School Endorsement. The course will emphasize the following: the reading process, textbook selection, the structure of texts, vocabulary, comprehension, questioning and study skills, writing across the curriculum, curriculum, literature and technology integration.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 352 and TE 353 and TE 354.

TE 352 – Elementary Social Studies Methods 3 credit hours
This course provides the student with an overview of the purpose and structure of social studies in the elementary school curriculum. Specific focus on appropriate knowledge and skill in teaching social studies. Students will be engaged in constructivist activities that promote an inquiry-based social studies program for the elementary grades.
Prerequisite: Admission to Teacher Education.
Corequisite: TE 351 and TE 353 and TE 354.

TE 353 – Elementary Science Methods 3 credit hours
This course is designed to help students develop knowledge and skill in the teaching of science at the elementary school level. The course emphasizes the rationale and techniques used to develop and implement inquiry-based science lessons in grades K-6.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TE 351 and TE 352 and TE 354.
Additional Course Fee Required

TE 354 – Field Experience in Elem School Science, Social Studies, and Content Area Read 1 credit hour
This course provides students with 50 clock hours of field experience in the teaching of science, social studies, and content-area reading at the elementary school level.
Prerequisite: Admission to Teacher Education Program and TE 318.
Corequisite: TE 351 and TE 352 and TE 353.

TE 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline.
Prerequisite: Junior or senior level standing or within 6 hours of completing general studies requirements.

TE 400 – Student Teaching 12-17 credit hours
Student teaching is the capstone experience in the teacher education process and is the culminating course for all endorsement programs. During student teaching, teacher education students spend a minimum of 16 weeks in an approved PreK-12 school, to observe, participate and teach under the supervision of an experienced teacher.
Total Credits Allowed: 17.00

TE 408 – Human Relations 1 credit hour
Designed to enable the future classroom teacher to promote multicultural understanding through varied learning experiences focusing on language and cultural diversity. This course meets the Human Relations requirement specified in Rule 20 by the Nebraska Department of Education.

TE 411 – Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms 3 credit hours
The course addresses the instructional needs of students with exceptionalities and giftedness in integrated settings. Special education referral process, Rule 51, Rule 3, Section 504, analysis of instruction/ environment and its impact on learning, assignment/assessment modification, behavioral issues, and evaluation of student learning will be emphasized.
Prerequisite: Admission to Teacher Education Program and TE 311 or TE 471 or TE 472
TE 424 – Teaching English to Speakers of Other Languages TESOL  3 credit hours
This course addresses the foundations of Teaching English as a Second Language, including the historical origins, theories, professional practices, and current trends both in the United States and around the world.

TE 471 – History and Philosophy of Middle School  3 credit hours
This course is designed to prepare students to understand the background and current trends in middle level education. It also will prepare students to understand the particular developmental needs that young adolescents experience and how middle level teachers develop curriculum and classroom activities to meet the cognitive, social, emotional and physical needs in the classroom.
Prerequisite: TE 100

TE 472 – Management and Assessment in Middle Level Classrooms  2 credit hours
This course is designed to prepare students for the considerable challenges of effectively planning and designing classroom instruction, assessing student progress toward defined objectives and managing student behavior at the middle level. The course will emphasize: planning and preparation, standards-based instruction, assessment alternatives, creating quality assessment tools, standardized testing, interpreting assessment results, and managing student behavior at the middle level.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TE 473.

TE 473 – Field Experience in Middle Level Classrooms  1 credit hour
This 50 clock hour minimum field-based experience is designed to induct students into classroom teaching and develop an awareness of the many roles of a professional educator at the middle level. Under the mentorship of a practicing middle grades educator, students will progress through a three-stage process including assisting, co-teaching, and limited teaching. Students will also be required to engage in a variety of school-related activities commonly encountered by professional educators at the middle level.
Total Credits Allowed: 2.00
Prerequisite: Admission to Teacher Education Program.
Corequisite: TE 472.

TE 474 – Problem Solving in the Elementary and Middle School Classroom  3 credit hours
Topics include activities with hand-held calculators, topics from number theory, geometry, new looks at old geometry problems, problem solving as a process, probability, statistics and mathematical systems.

TE 480 – Information Technology, Ethics, and Social Responsibility  3 credit hours
This course addresses ethical, human and social issues related to information technology, which also include privacy, accessibility, copyright, intellectual property, plagiarism and information validity. Participants in this course will examine and practice ethical and legal use of technology systems and digital content that model citizenship in the digital age.

TE 498 – Independent Study  1-3 credit hours
Investigation of a selected topic or problem on an individual basis. Designed to serve students in teacher education who desire additional study in an area of interest. (Grading A-F)
Total Credits Allowed: 6.00

TE 499 – Special Topics  1-3 credit hours
This course serves identified needs and interests of specific target groups. Content of the course, dates, and time arrangements are determined by the Department of Teacher Education.
Total Credits Allowed: 6.00

Teacher Education Montessori (TEMO)

TEMO 403 – Montessori Early Childhood Philosophy and Child Development  3 credit hours
Students will study the basic theories, stages and areas of child development according to the major contemporaries. Students will become knowledgeable about the complex interaction between heredity and environmental factors (including school, home and neighborhoods). Students will learn how to observe, record and analyze a child's physical, motor, social-emotional and cognitive development for the specific age level of intended certification. An introduction to the philosophical ideas (i.e., absorbent mind, sensitive periods, social-mathematical mind, spiritual and moral development) of Dr. Maria Montessori as they relate to the child, material, teacher and environment are presented.

TEMO 404 – Montessori Elementary I Core Applications I  3 credit hours
The primary goal of this course is to prepare the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the areas of Biology/Physical Science, and Math/Geometry at the Elementary I level and develop appropriate curriculum for these areas. Students will also support the development of Practical Life skills. Students will further refine their ability to observe, record and analyze a child's physical, motor, social-emotional and cognitive development for the child from 6-9 years of age, and address the needs of the exceptional child in the Montessori classroom.
Prerequisite: TEMO 406 and TEMO 410.
Corequisite: TEMO 408.

TEMO 406 – Montessori Elementary I Physical Science/Biology  3 credit hours
The primary goal of this course is to acquaint the student with the Montessori Physical Science/Biology methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori Physical Science/Biology.
Prerequisite: TEMO 403

TEMO 407 – Montessori Elementary I History/Geography  3 credit hours
The primary goal of this course is to acquaint the student with the Montessori Geography/History methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori Geography/History.
Prerequisite: TEMO 403
TEM0 408 – Montessori Elementary I Core Applications II 3 credit hours
The primary goal of this course is to prepare the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of History/Geography, and Language and Grammar, at the Elementary I level and develop appropriate curriculum for these areas. Students will also be prepared to design, lead, and prepare art, music, and movement within the Elementary Montessori classroom so children can express themselves through these modalities. Students will be introduced to Montessori's peace philosophy and guided activities that can be implemented into the Montessori classroom, and will develop leadership skills needed for effective advocacy and direction in the Montessori environment.
Prerequisite: TEM0 407 and TEM0 409.
Corequisite: TEM0 404.

TEM0 409 – Montessori Elementary I Language and Grammar 3 credit hours
The primary goal of this course is to acquaint the student with the Montessori language/grammar methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori language/grammar.
Prerequisite: TEM0 403

TEM0 410 – Montessori Elementary I Mathematics/Geometry 3 credit hours
The primary goal of this course is to acquaint the student with the Montessori mathematics/geometry methodology, rationale, scope and sequence of curriculum in the lower elementary classroom (ages 6-9 years). The student will develop, refine and demonstrate the skills necessary to become an effective Montessori teacher in the area of lower elementary Montessori mathematics/geometry.
Prerequisite: TEM0 403

TEM0 411 – Montessori Early Childhood Practical Life 3 credit hours
This course is designed to prepare the student to identify and present materials aiding in the development of language arts skills for the child in a Montessori early childhood classroom. The primary goal of this course is to prepare the student with the Montessori language curriculum materials, their rationale and sequence in the classroom; and for the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of language development at the Early Childhood level.
Prerequisite: TEM0 411 and TEM0 412.
Corequisite: TEM0 415.

TEM0 412 – Montessori Early Childhood Math and Sensorial 3 credit hours
This course is designed to prepare the student to identify and present materials aiding the education and refinement of the senses and to present and facilitate the Montessori Math and Sensorial philosophy for the child from 2.5 to 6 years, use of the Montessori didactic Math and Sensorial materials, and the sequential order of the Montessori curriculum as part of the environmental design for a Montessori early childhood classroom. The primary goal of this course is to prepare the student with the Montessori Math and Sensorial curriculum materials, their rationale and sequence in the classroom; and for the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the areas of mathematical and sensorial development at the Early Childhood level.
Prerequisite: TEM0 403 and TEM0 411

TEM0 413 – Montessori Early Childhood Language and Grammar 3 credit hours
This course is designed to prepare the student to identify and present materials aiding in the development of language arts skills for the child in a Montessori early childhood classroom. The primary goal of this course is to prepare the student with the Montessori language curriculum materials, their rationale and sequence in the classroom; and for the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of language development at the Early Childhood level.
Prerequisite: TEM0 403 and TEM0 411

TEM0 414 – Montessori Early Childhood Core Applications I 3 credit hours
The primary goal of this course is to prepare the student to develop, refine and implement the skills necessary to become an effective Montessori teacher in the area of practical life, math, and sensorial development at the Early Childhood level. Students will also refine their ability to observe, record and analyze a child's physical, motor, social-emotional and cognitive development for the child from 2.5-6 years of age, and address the needs of the exceptional child in the Montessori classroom.
Prerequisite: TEM0 411 and TEM0 412.
Corequisite: TEM0 415.

TEM0 415 – Montessori Early Childhood Core Applications II 3 credit hours
Students will develop, refine and implement the skills necessary to become an effective Montessori teacher in the areas of language, science, social studies at the Early Childhood Level. Students will also be prepared to design, lead, and prepare art, music, and movement within the Montessori classroom so children can express themselves through these modalities. Students will also become knowledgeable in designing and implementing effective communication and collaboration with Montessori families. Students will be introduced to Montessori's peace philosophy and guided activities that can be implemented into the Montessori classroom, and will develop leadership skills needed for effective advocacy and direction in the Montessori environment.
Prerequisite: TEM0 411 and TEM0 413.
Corequisite: TEM0 414.

TEM0 416 – Montessori Practicum: Early Childhood 3 credit hours
The function of the Practicum Phase is to provide for the student a supervised teaching/learning experience for children ages 2.5 to 6 and a period of observation, internalization, and further study, to bring together the theory and practice of Montessori early childhood education.
Prerequisite: TEM0 414 and TEM0 415

TEM0 417 – Montessori Practicum: Elementary I 3 credit hours
The function of the Practicum Phase is to provide for the student a supervised teaching/learning experience for children ages 6-9 and a period of observation, internalization, and further study, to bring together the theory and practice of Montessori Elementary I education.
Prerequisite: TEM0 404 and TEM0 408

Teacher Education Special Education (TESE)

TESE 323 – Partnerships with Families 1 credit hour
This course concentrates on the teacher's role in building successful relationships between families, educators, schools, and communities. Concrete strategies for increasing respectful, successful family-school partnerships that enhance children's school success will be emphasized.
Prerequisite: Completion of or concurrent enrollment in TE 204
TESE 330 – Collaboration, Consultation, and Co-Teaching  3 credit hours
This course is designed to prepare educators for collaborative consultation and co-teaching in serving the educational needs of students, families, educators and community agencies. Skills for communication and collaboration are practiced. Students will learn to work with families and other professionals from all cultural and economic backgrounds, the impact of having a child with special needs. Students will also develop the skills necessary to develop successful co-teaching environments.
Prerequisite: TE 204 or FAMS 251 or FAMS 253

TESE 333 – Serving Young Children with Special Needs  3 credit hours
The focus of this course is to provide a thorough overview of early intervention and early childhood special education, with special attention to medical and disability characteristics of young children with special developmental and learning needs, and how these may be further impacted by cultural and at-risk factors. Students will become familiar with the IFSP and IEP process, including how to collaborate with other team members and work with families, and understand Part C regulations under IDEIA.

TESE 334 – Assessment and Intervention  3 credit hours
The focus of this course is to provide a thorough understanding of the assessment process, uses of assessment for screening, identification, planning for intervention, and progress monitoring. Students will understand the types of assessments used, evaluate assessments to determine the best match for its purpose, and incorporate child factors including disability and culture, to select and use appropriate assessments. Students will use assessment data to make meaningful decisions for intervention.
Prerequisite: TESE 333.
Corequisite: TESE 334L.

TESE 334L – Field Experience: Assessment and Intervention  0.5 credit hours
This course is designed to provide practical application of the assessment process for screening, identification, planning for intervention and progress monitoring. Students will work in early childhood settings with assigned children who have disabilities to administer appropriate assessments and use assessment data to make meaningful decisions for intervention. Students will monitor child progress and adjust interventions as needed to maximize development and learning. The experiences shall consist of 30 clock hours.
Corequisite: TESE 334.

TESE 371 – Field Experience with Students with Multiple Disabilities  0.5 credit hours
The course is designed to provide practical application of learned skills. Students will be placed in a special education setting for a total of twenty-five clock hours. Students will implement learning strategies and develop a behavior intervention plan. Students will also complete five additional hours, work in a classroom, or at events benefiting individuals with disabilities. This course is required for majors in Special Education K-12 and Special Education K-6. It should be taken one to two semesters prior to student teaching.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 372.

TESE 372 – Instructional Strategies for Individuals with Intellectual and Multiple Disabilities  3 credit hours
The course is designed to prepare future educator to provide services for individuals with intellectual disabilities and for individuals with multiple disabilities, which may or may not also include intellectual disabilities. Course topics will include intervention for life skills, communication skills, community-based instruction, alternate curriculum, as well as accommodations and modifications to allow the learner to be included in the general education curriculum where appropriate.
Prerequisite: Admission to Teacher Education.
Corequisite: TESE 371

TESE 421 – Individuals with Exceptionalities  3 credit hours
This introductory course surveys the various disability areas in the field of special education and associated educational implications and procedures. Legislation and the influence on special education are discussed along with contemporary issues and trends in special education. This course meets the exceptionality training requirement specified in Rule 20 by the Nebraska Department of Education.

TESE 437 – Medical Aspects of Individuals with Disabilities  3 credit hours
This course provides students with a general knowledge of the medical conditions seen in children with disabilities. It will familiarize students with terminology, medications, procedures, equipment, and interventions used for children with medical complications. Teacher responsibilities in regards to medical conditions will be covered.
Prerequisite: TE 204

TESE 461 – Legal Issues in Special Education  3 credit hours
This course provides students with the knowledge and understanding of the history and federal regulations in the field of special education. Professional ethics and code of conduct will be emphasized. Students will explore the foundations for various mandated activities such as parents' rights, IEP components and monitoring, special education placement procedures and mandated timelines.
Prerequisite: Completion of or concurrent enrollment in TE 204

TESE 462 – Assessment and IEP Development  4 credit hours
This course develops the student's ability to conduct both informal and formal academic assessment in special education. Academic assessment will include administration, scoring, and interpretation of standardized instruments. Academic assessment will also include development and administration, scoring, and interpretation of informal measures to assess needs and growth. Students will learn to report assessment results using the Multi-disciplinary Team Format (M-Team Report). Students will also learn how to use assessment results to develop Individualized Educational Plans (IEP). Both the M-Team Report and IEPs will be written on Nebraska Department of Education forms using the online Student Report System (SRS).
Prerequisite: Junior standing or above
Additional Course Fee Required

TESE 463 – Instructional Strategies for Individuals with Disabilities  3 credit hours
The course is designed to address the instructional needs of students with disabilities. Academic instructional interventions and specialized materials and programs will be emphasized. Students will apply their knowledge of lesson plan development in the co-requisite field experience.
Prerequisite: Admission to Teacher Education Program and TESE 462.
Corequisite: TESE 464 and TESE 467 and TESE 468.
TESE 464 – Field Experience with K-8 Students 1 credit hour
The course is designed to provide practical application of learned skills. Students will be placed in an elementary special education setting for a total of fifty clock hours. Students will develop and implement lesson plans and a behavior change plan.
Total Credits Allowed: 2.00
Corequisite: TESE 463 and TESE 467 and TESE 468.

TESE 467 – Behavioral Interventions 3 credit hours
The course is designed to address behavioral needs of students with disabilities. Functional behavior assessment, behavior intervention plans, and strategies for special behaviors will be emphasized. Students will apply their knowledge of behavior interventions in the co-requisite field experience.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 463 and TESE 464 and TESE 468.

TESE 468 – Assistive Technology 2 credit hours
The course explores assistive technology interventions that enable students with disabilities to participate in the general education curriculum. Interventions will be explored in reading, writing, math, spelling and content areas. Alternative access to computers will be discussed.
Prerequisite: Admission to Teacher Education Program and TESE 462.
Corequisite: TESE 463 and TESE 464 and TESE 467.

TESE 469 – Psychology and Education of Gifted and Talented Learners 3 credit hours
This introductory course will focus on the cognitive, social, and emotional characteristics of gifted/talented learners at various developmental levels and development of appropriate differentiation. Additional topics include methods of identification, implications of cultural diversity, working with families, historical perspectives, important research studies, equity in education, and use of technology.

TESE 470 – Guiding the Social & Emotional Development of Gifted/Talented Learners 3 credit hours
This course focuses on understanding the social and emotional characteristics and development of typical and special populations of gifted/talented learners, current theories and issues related to their guidance and counseling, and principles and strategies of intervention.

TESE 472 – Strategies for Teaching Students with Intellectual Disabilities 2 credit hours
The course is designed to prepare future educators to provide services for individuals with intellectual disabilities. Emphasis will be placed on interventions for life skills, communication, vocational, and functional academics. Additional interventions will include community-based instruction, study skills, and assessment of alternate curriculum. Accommodations and modifications to allow the child to be included in the general education curriculum will also be explored. This course is required for majors in Special Education K-12 and Special Education K-6. It should be taken one to two semesters prior to student teaching.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 471 and TESE 473.

TESE 473 – Teaching Students with Multiple Disabilities 2 credit hours
The course is designed to prepare future educators to provide services for individuals with multiple disabilities. Emphasis will be placed on interventions for life skills, communication, and academics. In addition, future educators will gain knowledge on issues of mobility and positioning which will enhance a child's ability to reach their full potential. Accommodations and modifications to allow the child to be included in the general education curriculum will also be explored. This course is required for majors in Special Education K-12 and Special Education K-6. It should be taken one to two semesters prior to student teaching.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 471 and TESE 472.

TESE 474 – Field Experience 0.5 credit hours
The course is designed to provide practical application of learned skills. Students will be placed in a special education classroom for a total of twenty-five clock hours. Students will develop and implement lesson plans and a behavior change plan.
Prerequisite: Co-equisite: TESE 475.

TESE 475 – Curriculum Content for Secondary Students with Disabilities 2 credit hours
This course is designed to address the instructional needs of secondary students with disabilities. Task analysis, community-based interventions, functional academics, modification of materials, and alternative assessments will be emphasized. Students will apply their knowledge of lesson plan development in the development of age and ability appropriate lessons in reading, math, and writing both in a school and community/life skills setting.
Prerequisite: Admission to Teacher Education Program.
Corequisite: TESE 474.

TESE 476 – Transitional Issues for Individuals with Disabilities 2 credit hours
This course provides instruction and guidance in assessment planning and to facilitate educational and employment post-school outcomes will be emphasized. Federal and state laws governing minimum transition practices will be covered. Assessment, transition planning, services, interagency collaboration, resources, and instruction will be discussed to facilitate a successful transition experience.
Prerequisite: Admission to Teacher Education Program.

TESE 479 – Teaching Social Skills to Students with Autism Spectrum Disorder 3 credit hours
This course is designed to provide students with the knowledge and skills to teach social skills. Students will be exposed to various social skill programs presently on the market that have been designed for students with special needs. The development of social stories and social scripts will be emphasized. Students will apply their knowledge of lesson plan development in the development of age-appropriate social skills lessons.

TESE 487 – Teaching Functional Academics to Individuals with Exceptional Needs 2 credit hours
This course is designed to provide students with strategies and interventions to enable the instruction of functional academics for students with exceptional needs. Students will be exposed to techniques for initial instruction in reading, math, and written language emphasizing real-life application. Experiences will include adapting general standards and curriculum and applying them to meet IEP functional goals and objectives.

Early Childhood Education Minor
Offered by Department of Teacher Education (p. 390)
## Requirements

Select 24 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
<tr>
<td>TESE 333</td>
<td>Serving Young Children with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>TE 336</td>
<td>Methods for Preschool and Kindergarten Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>TE 338</td>
<td>Infant and Toddler Mental Health</td>
<td>3</td>
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<tr>
<td>TE 339</td>
<td>Infant and Toddler Curriculum</td>
<td>3</td>
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<tr>
<td>TE 341</td>
<td>Foundations of Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>TE 342</td>
<td>Literacy Methods for the Preschool Teacher</td>
<td>3</td>
</tr>
<tr>
<td>TE 346</td>
<td>Early Childhood Program Administration</td>
<td>3</td>
</tr>
<tr>
<td>TE 347</td>
<td>Literacy Methods 0-3</td>
<td>3</td>
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<tr>
<td>TE 348</td>
<td>Math, Science, and Social Studies for Children 0-8</td>
<td>3</td>
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<tr>
<td>TE 349</td>
<td>Supporting Young Children Through Family &amp; Community Involvement</td>
<td>3</td>
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<tr>
<td>ART 360</td>
<td>Elementary Art Methods</td>
<td>3</td>
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<td>ART 407</td>
<td>Art Methods for Young Children</td>
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<tr>
<td>FAMS 250</td>
<td>Infant Development</td>
<td>3</td>
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<td>FAMS 253</td>
<td>Child and Adolescent Development</td>
<td>3</td>
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<td>FAMS 302</td>
<td>Parent Education</td>
<td>3</td>
</tr>
<tr>
<td>MUS 330</td>
<td>Music Methods for the Elementary Teacher</td>
<td>3</td>
</tr>
<tr>
<td>MUS 404</td>
<td>Music in Early Childhood Education</td>
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<tr>
<td>PE 247</td>
<td>Nutrition, Health and Safety for Young Children</td>
<td>3</td>
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<tr>
<td>PE 340</td>
<td>Non-Rhythmic Physical Education</td>
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<tr>
<td>PE 361</td>
<td>Integrating Movement and Dance</td>
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</tr>
</tbody>
</table>

Total Credit Hours: 24

## Early Childhood Inclusive Teaching Field Endorsement, Bachelor of Arts in Education

Offered by Department of Teacher Education (p. 390)

### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

- Foundational Core courses (p. 460) 12
- **Including:**
  - ENG 102 Academic Writing and Research
  - MATH 230 Math for Elementary Teachers I
  - SPCH 100 Fundamentals of Speech Communication
  - TE 100 Teaching in a Democratic Society

#### Portal

- Select one course numbered 188 (p. 465) 3

#### Distribution

- ENG 101 Introduction of Academic Writing 3

### Professional Sequence

Complete all required courses 24

- **Including:**
  - TE 318 Management and Assessment in Preschool/Elementary Classrooms
  - TE 411 Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms

### Endorsement

Complete all required courses 50

Total Credit Hours: 120

### Endorsement

#### Early Childhood Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>TE 311</td>
<td>Math Methods I</td>
<td>2</td>
</tr>
<tr>
<td>TE 313</td>
<td>Field Experience: Math</td>
<td>2</td>
</tr>
<tr>
<td>TE 314</td>
<td>Phonics and Word Study</td>
<td>2</td>
</tr>
<tr>
<td>TE 315</td>
<td>Literacy Assessment</td>
<td>2</td>
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Educational Studies Minor

Offered by Department of Teacher Education (p. 390)

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td>3</td>
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<tr>
<td>TE 204</td>
<td>Growth &amp; Development/Introduction to Exceptionalities</td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<td>TE 316</td>
<td>Primary Grades Literacy</td>
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<tr>
<td>TE 317</td>
<td>Field Experience: Literacy</td>
<td>1</td>
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<tr>
<td>TE 341</td>
<td>Foundations of Early Childhood Education</td>
<td>2</td>
</tr>
<tr>
<td>TE 342</td>
<td>Literacy Methods for the Preschool Teacher</td>
<td>2</td>
</tr>
<tr>
<td>TE 343 &amp; 343L</td>
<td>Methods of Inclusive Education Birth through Age 3 and Field Experience: Birth to Age 3</td>
<td>3.5</td>
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<tr>
<td>TE 344 &amp; 344L</td>
<td>Methods of Inclusive Education Ages 3 to 5 and Field Experience: Ages 3 to 5</td>
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<td>TE 346</td>
<td>Early Childhood Program Administration</td>
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<tr>
<td>TE 348</td>
<td>Math, Science, and Social Studies for Children 0-8</td>
<td>3</td>
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<tr>
<td>TE 349</td>
<td>Supporting Young Children Through Family &amp; Community Involvement</td>
<td>1</td>
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<tr>
<td>TESE 333</td>
<td>Serving Young Children with Special Needs</td>
<td>3</td>
</tr>
<tr>
<td>TESE 334 &amp; 334L</td>
<td>Assessment and Intervention and Field Experience: Assessment and Intervention</td>
<td>3.5</td>
</tr>
<tr>
<td>MUS 404</td>
<td>Music in Early Childhood Education</td>
<td>2</td>
</tr>
<tr>
<td>PE 247</td>
<td>Nutrition, Health and Safety for Young Children</td>
<td>1</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra or MATH 104</td>
<td>3</td>
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</table>

**Early Childhood Specialization Requirements**

Select one of the following Specialization Areas: **12**

**Birth through Kindergarten Specialization**

<table>
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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>TE 336</td>
<td>Methods for Preschool and Kindergarten Classrooms</td>
<td>3</td>
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<tr>
<td>TE 338</td>
<td>Infant and Toddler Mental Health</td>
<td>3</td>
</tr>
<tr>
<td>TE 339</td>
<td>Infant and Toddler Curriculum</td>
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<td>TE 347</td>
<td>Literacy Methods 0-3</td>
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<tr>
<td>FAMS 302</td>
<td>Parent Education</td>
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**Age 3 to Grade 3 Specialization**

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<tr>
<td>MATH 330</td>
<td>Math for Elementary Teachers II</td>
<td>3</td>
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<tr>
<td>TE 312</td>
<td>Math Methods II</td>
<td>3</td>
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<tr>
<td>TE 313</td>
<td>Field Experience: Math</td>
<td>3</td>
</tr>
<tr>
<td>TE 335 &amp; 335L</td>
<td>Inclusive Methods K-3 and Field Experience: Inclusive Methods K-3</td>
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<tr>
<td>TE 336</td>
<td>Methods for Preschool and Kindergarten Classrooms</td>
<td>3</td>
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</tbody>
</table>

Total Credit Hours: **50**

1. Students must apply for admission to all Teacher Education programs (p. 404).

**Electives**

Select 8 credit hours of the following: **8**

<table>
<thead>
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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>TE 311 &amp; TE 313</td>
<td>Math Methods I and Field Experience: Math</td>
<td>3</td>
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<tr>
<td>TE 320</td>
<td>Field Experience in Secondary Classroom</td>
<td>3</td>
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<tr>
<td>TE 327</td>
<td>Introduction to Language Minority Students</td>
<td>3</td>
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<tr>
<td>TE 328</td>
<td>Content Methods in English as a Second Language</td>
<td>3</td>
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<tr>
<td>TE 329</td>
<td>Educational Assessment of ESL Students</td>
<td>3</td>
</tr>
<tr>
<td>TE 336</td>
<td>Methods for Preschool and Kindergarten Classrooms</td>
<td>3</td>
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<tr>
<td>TE 338</td>
<td>Infant and Toddler Mental Health</td>
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<td>TE 339</td>
<td>Infant and Toddler Curriculum</td>
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<td>TE 341</td>
<td>Foundations of Early Childhood Education</td>
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<td>TE 342</td>
<td>Literacy Methods for the Preschool Teacher</td>
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<td>TE 346</td>
<td>Early Childhood Program Administration</td>
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<td>TE 347</td>
<td>Literacy Methods 0-3</td>
<td>3</td>
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<td>TE 348</td>
<td>Math, Science, and Social Studies for Children 0-8</td>
<td>3</td>
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<tr>
<td>TE 349</td>
<td>Supporting Young Children Through Family &amp; Community Involvement</td>
<td>3</td>
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<tr>
<td>TE 408</td>
<td>Human Relations</td>
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<tr>
<td>TESE 323</td>
<td>Partnerships with Families</td>
<td>3</td>
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<td>TESE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
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<td>TESE 333</td>
<td>Serving Young Children with Special Needs</td>
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<tr>
<td>TESE 334</td>
<td>Assessment and Intervention</td>
<td>3</td>
</tr>
<tr>
<td>TESE 437</td>
<td>Medical Aspects of Individuals with Disabilities</td>
<td>3</td>
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<tr>
<td>TESE 461</td>
<td>Legal Issues in Special Education</td>
<td>3</td>
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<tr>
<td>TESE 462</td>
<td>Assessment and IEP Development</td>
<td>3</td>
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<td>TESE 469</td>
<td>Psychology and Education of Gifted and Talented Learners</td>
<td>3</td>
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<tr>
<td>TESE 470</td>
<td>Guiding the Social &amp; Emotional Development of Gifted/Talented Learners</td>
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<td>ART 360</td>
<td>Elementary Art Methods</td>
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<td>ART 407</td>
<td>Art Methods for Young Children</td>
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<td>MATH 230</td>
<td>Math for Elementary Teachers I</td>
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<td>MUS 330</td>
<td>Music Methods for the Elementary Teacher</td>
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<td>MUS 404</td>
<td>Music in Early Childhood Education</td>
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<td>PE 100</td>
<td>Principles of Physical Education</td>
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<td>PE 150</td>
<td>Healthy Wealthy and Wise</td>
<td>3</td>
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<tr>
<td>PE 226</td>
<td>Elementary School Health Teaching</td>
<td>3</td>
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<tr>
<td>PE 340</td>
<td>Non-Rhythmic Physical Education</td>
<td>3</td>
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<tr>
<td>PE 361</td>
<td>Integrating Movement and Dance</td>
<td>3</td>
</tr>
<tr>
<td>TE 318</td>
<td>Management and Assessment in Preschool/Elementary Classrooms</td>
<td>3</td>
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OR
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>TE 319 &amp; TE 320</td>
<td>Management and Assessment in K-12/Secondary Classrooms and Field Experience in Secondary Classroom</td>
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</tr>
<tr>
<td>or ART 371</td>
<td>Field Experience in 7-12 Art Classrooms</td>
<td></td>
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<tr>
<td>or CDIS 311</td>
<td>Clinical Methods and Procedures in Communication Disorders</td>
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<td>OR</td>
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<tr>
<td>TE 472 &amp; TE 473</td>
<td>Management and Assessment in Middle Level Classrooms and Field Experience in Middle Level Classrooms</td>
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<tr>
<td>Select 0-3 credit hours of the following:</td>
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<tr>
<td>TESE 421</td>
<td>Individuals with Exceptionalities</td>
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<tr>
<td>TE 306</td>
<td>Reading and Inclusion in K-12 Classrooms</td>
<td></td>
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<tr>
<td>TE 411</td>
<td>Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms</td>
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</table>

**Total Credit Hours**: 21

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**Elementary Education Teaching Field Endorsement, Bachelor of Arts in Education**

Offered by Department of Teacher Education (p. 390)

**General Studies**

*Foundational Core (Written, Math, Oral, Democracy)*

Foundation Core courses (p. 460) 12

Including:

- ENG 102  Academic Writing and Research
- MATH 230  Math for Elementary Teachers I
- SPCH 100  Fundamentals of Speech Communication
- TE 100  Teaching in a Democratic Society

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

- ENG 101  Introduction to Academic Writing 3

*If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.*

**Aesthetics (p. 460)**

Including:

- ART 100  Art Structure 3

**Humanities (p. 464)**

Including:

Select 1 of the following:

- ENG 250  Introduction to Literature: British Literature
- ENG 251  Introduction to Literature: American Literature
- ENG 252  Introduction to Literature: Western Civilization
- ENG 253  Intro to Literature: Non-Western Civilization

**Capstone**

Select one course numbered 388 (p. 461) 3

**Professional Sequence**

Complete all required courses 1 24

Including:

- TE 318  Management and Assessment in Preschool/Elementary Classrooms
- TE 411  Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms

**Endorsement**

Complete all required courses 40

**Unrestricted electives**

Needed to reach 120 credit hour minimum 6

**Total Credit Hours**: 120

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**Major Option**

<table>
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<tr>
<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>TE 311</td>
<td>Math Methods I</td>
<td>2</td>
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<tr>
<td>TE 312</td>
<td>Math Methods II</td>
<td>2</td>
</tr>
<tr>
<td>TE 314</td>
<td>Phonics and Word Study</td>
<td>2</td>
</tr>
<tr>
<td>TE 315</td>
<td>Literacy Assessment</td>
<td>2</td>
</tr>
<tr>
<td>TE 316</td>
<td>Primary Grades Literacy</td>
<td>2</td>
</tr>
<tr>
<td>TE 317</td>
<td>Field Experience: Literacy</td>
<td>1</td>
</tr>
<tr>
<td>TESE 323</td>
<td>Partnerships with Families</td>
<td>1</td>
</tr>
<tr>
<td>TE 331</td>
<td>Intermediate Literacy</td>
<td>3</td>
</tr>
</tbody>
</table>

---

**Elementary Education Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics</td>
<td></td>
</tr>
</tbody>
</table>

Select 1 of the following:

- HIST 210  Western Civilization
- HIST 211  Western Civilization
- HIST 212  Non-Western World History
- HIST 215  Introduction to Latin America
- HIST 250  American History
- HIST 251  American History

**Social Sciences (p. 465)**

Including:

- PSCI 110  Introduction to American Politics

**Natural Sciences (p. 464)**

Including:

- BIOL 103  General Biology

Select one of the following:

- PHYS 100  Physical Science
- PHYS 107  Physical Science for Elementary Teachers
- PHYS 201  Earth Science

**Analytical and Quantitative Thought (p. 460)**

Including:

- MATH 330  Math for Elementary Teachers II

**Wellness (p. 466)**

Including:

- PE 150  Healthy Wealthy and Wise

**Total Credit Hours**: 120
### Middle Level 5-9 Teaching Subject Endorsement, Bachelor of Arts in Education

Offered by Department of Teacher Education (p. 390)

(Selection of specific Academic Concentration determines whether degree awarded is BAE or BSE; see Middle Level Academic Concentration (p. 402), below.)

#### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

- **Foundational Core courses (p. 460)**: 12
  - Including:
    - **ENG 102**: Academic Writing and Research
    - **SPCH 100**: Fundamentals of Speech Communication
    - **TE 100**: Teaching in a Democratic Society

**Portal**

- **Select one course numbered 188 (p. 465)**: 3

**Distribution**

- **ENG 101**: Introduction of Academic Writing: 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- **Aesthetics (p. 460)**: 3
- **Humanities (p. 464)**: 6
- **Social Sciences (p. 465)**: 6

#### Supporting Course Requirements

- **ART 360**: Elementary Art Methods: 3
- **ENG 426**: Children’s Literature: 3
- **MATH 104**: Concepts in Mathematics and Statistics: 3
- **MUS 330**: Music Methods for the Elementary Teacher: 3
- **PE 226**: Elementary School Health Teaching: 1
- **PE 340**: Non-Rhythmic Physical Education: 1
- **PE 361**: Integrating Movement and Dance: 1

**Total Credit Hours**: 40

Note to all Elementary Majors: Any methods courses taken at the Lower Division Level (Jr. College), or more than ten years prior to the establishment of the program must be repeated. A program will be honored for five years, at which time it is subject to revision.

1. Students must apply for admission to all Teacher Education programs (p. 404).

#### Middle Level 5-9 Teaching Subject Endorsement, Bachelor of Arts in Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE SE 323</td>
<td>Partnerships with Families</td>
<td>1</td>
</tr>
<tr>
<td>TE 331</td>
<td>Intermediate Literacy</td>
<td>3</td>
</tr>
<tr>
<td>TE 333</td>
<td>Reading in the Content Area in Middle Level Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>TE 471</td>
<td>History and Philosophy of Middle Level Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>TE 473</td>
<td>Field Experience in Middle Level Classrooms</td>
<td>2</td>
</tr>
<tr>
<td>CSP 404</td>
<td>Counseling &amp; Mental Disorders</td>
<td>2</td>
</tr>
<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td>TE SE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
<tr>
<td>Select one method course that matches selected concentration area:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **ENG 424**: Teaching Secondary School English
- **SOSC 370**: Social Science of the High School

#### Middle Level Core Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE SE 323</td>
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<td>3</td>
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<td>TE 473</td>
<td>Field Experience in Middle Level Classrooms</td>
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<tr>
<td>CSP 404</td>
<td>Counseling &amp; Mental Disorders</td>
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<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td>TE SE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one method course that matches selected concentration area:

- **ENG 424**: Teaching Secondary School English
- **SOSC 370**: Social Science of the High School

#### Middle Level Academic Concentration

Students must have 24 distinct credit hours in one specialization area.

**English Language Arts (24 hours required)**

Take all of the following:

- **ENG 234**: Reading and Writing about Literature
- **ENG 304**: Grammar I
- **ENG 311**: Advanced Writing I
ENG 425 Children’s Literature
ENG 426 Literature for Adolescents
ENG 427 Electronic Literacy

Select one of the following American Literature courses:
ENG 352A Survey of US Literature I
ENG 352B Survey of US Literature II
ENG 358 Literature of the American West

Select one of the following British Literature courses:
ENG 362A Survey of British and Commonwealth Literature I
ENG 362B Survey of British and Commonwealth Literature II
ENG 463 Seminar in Shakespeare

Social Science (24 hours required)

Take all of the following:
GEOG 103 The Dynamic Planet: Hazards in the Environment
HIST 210 Western Civilization
HIST 211 Western Civilization
HIST 250 American History
HIST 251 American History
HIST 479 Nebraska and the Great Plains History

Take one of the following:
ECON 100 Contemporary Economic Issues
ECON 270 Principles of Economics, Macroeconomics

Take one of the following:
GEOG 104 World Regional Geography
GEOG 106 Human Geography

Total Credit Hours 47

1 Students must apply for admission to all Teacher Education programs (p. 404).

Middle Level 5-9 Teaching Subject Endorsement, Bachelor of Science in Education

Offered by Department of Teacher Education (p. 390)

(Selection of specific Academic Concentration determines whether degree awarded is BAE or BSE; see Middle Level Academic Concentration (p. 403), below.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core (Written, Math, Oral, Democracy)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>Including:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENG 102 Academic Writing and Research</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SPCH 100 Fundamentals of Speech Communication</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TE 100 Teaching in a Democratic Society</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 102 College Algebra</td>
<td></td>
</tr>
</tbody>
</table>

Select one course numbered 188 (p. 465)

*Distribution*

ENG 101 Introduction of Academic Writing 3

*If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.*

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Including:

PSCI 110 Introduction to American Politics 3

Natural Sciences (p. 464) 8

Including:

BIOL 103 General Biology 3

PHYS 100 Physical Science & 100L Physical Science Laboratory 3

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 3

Including:

PE 150 Healthy Wealthy and Wise 3

Capstone

Select one course numbered 388 (p. 461)

*Professional Sequence*

Complete all required courses 1 24

Including:

TE 411 Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms 2

TE 472 Management and Assessment in Middle Level Classrooms 3

Endorsement

Complete all required courses 47-49

*Unrestricted electives*

Needed to reach 120 credit hour minimum 0-2

Total Credit Hours 118-122

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>Middle Level Core Requirements</strong></td>
<td></td>
</tr>
<tr>
<td>TESE 323</td>
<td>Partnerships with Families</td>
<td>1</td>
</tr>
<tr>
<td>TE 331</td>
<td>Intermediate Literacy</td>
<td>3</td>
</tr>
<tr>
<td>TE 333</td>
<td>Reading in the Content Area in Middle Level Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>TE 471</td>
<td>History and Philosophy of Middle School</td>
<td>3</td>
</tr>
<tr>
<td>TE 473</td>
<td>Field Experience in Middle Level Classrooms</td>
<td>2</td>
</tr>
<tr>
<td>TESE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
<tr>
<td>CSP 404</td>
<td>Counseling &amp; Mental Disorders</td>
<td>2</td>
</tr>
<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Select one method course that matches selected concentration area:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 470 Methods in Middle and High School Mathematics Teaching</td>
<td></td>
</tr>
</tbody>
</table>
Professional Sequence for Education Degrees

Offered by Department of Teacher Education (p. 390)

The following professional sequence must be taken for the B.A. in Education, the B.S. in Education, or the B.M. in Music Education. Students must be formally admitted to all Teacher Education programs. See Admission information (p. 409).

Please note: Work closely with advisor to insure the appropriate courses are completed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 204</td>
<td>Growth &amp; Development/Introduction to Exceptionalities</td>
<td>4</td>
</tr>
<tr>
<td>TE 306</td>
<td>Reading and Inclusion in K-12 Classrooms</td>
<td>2-3</td>
</tr>
<tr>
<td>or TE 411</td>
<td>Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms</td>
<td></td>
</tr>
<tr>
<td>TE 320</td>
<td>Field Experience in Secondary Classroom</td>
<td>0-2</td>
</tr>
<tr>
<td>TE 400</td>
<td>Student Teaching (Students pursuing double field endorsements complete 17 credit hours)</td>
<td>12-17</td>
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</table>

Select one of the following options: 3-6

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 206</td>
<td>Instructional Technology and the Preservice Teacher</td>
<td></td>
</tr>
<tr>
<td>or MUS 357 &amp; MUS 468</td>
<td>Elementary Music Methods and Secondary Instrumental Methods</td>
<td></td>
</tr>
</tbody>
</table>

Select one of the following: 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 318</td>
<td>Management and Assessment in Preschool/Elementary Classrooms</td>
<td></td>
</tr>
<tr>
<td>TE 319</td>
<td>Management and Assessment in K-12/Secondary Classrooms</td>
<td></td>
</tr>
<tr>
<td>TE 472</td>
<td>Management and Assessment in Middle Level Classrooms</td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 23-34

1 Varies by program.

Special Education 7-12 Teaching Subject Endorsement, Bachelor of Arts in Education

Offered by Department of Teacher Education (p. 390)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td></td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td></td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td></td>
</tr>
</tbody>
</table>

1 Students must apply for admission to all Teacher Education programs (p. 404).
Portal
Select one course numbered 188 (p. 465) 3

Distribution
ENG 101 Introduction of Academic Writing 3
If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3
Humanities (p. 464) 6
Social Sciences (p. 465) 6
Including:
  - PSCI 110 Introduction to American Politics
  - PSY 203 General Psychology
    or PSY 230 Human Development

Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 3
Including:
  - PE 150 Healthy Wealthy and Wise

Capstone
Select one course numbered 388 (p. 461) 3

Professional Sequence
Complete all required courses 1 23
Including:
  - TE 306 Reading and Inclusion in K-12 Classrooms
  - TE 318 Management and Assessment in Preschool/Elementary Classrooms
    or TE 319 Management and Assessment in K-12/Secondary Classrooms

Endorsement
Complete all required courses 46.5
Unrestricted electives
Needed to reach 120 credit hours minimum 4.5
Total Credit Hours 120

Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
<tr>
<td>TESE 437</td>
<td>Medical Aspects of Individuals with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>TESE 461</td>
<td>Legal Issues in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>TESE 462</td>
<td>Assessment and IEP Development</td>
<td>4</td>
</tr>
<tr>
<td>TESE 463</td>
<td>Instructional Strategies for Individuals with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>TESE 464</td>
<td>Field Experience with K-8 Students</td>
<td>1</td>
</tr>
<tr>
<td>TESE 467</td>
<td>Behavioral Interventions</td>
<td>3</td>
</tr>
<tr>
<td>TESE 468</td>
<td>Assistive Technology</td>
<td>2</td>
</tr>
<tr>
<td>TESE 474</td>
<td>Field Experience</td>
<td>0.5</td>
</tr>
<tr>
<td>TESE 475</td>
<td>Curriculum Content for Secondary Students with Disabilities</td>
<td>2</td>
</tr>
<tr>
<td>TESE 476</td>
<td>Transitional Issues for Individuals with Disabilities</td>
<td>2</td>
</tr>
<tr>
<td>TESE 479</td>
<td>Teaching Social Skills to Students with Autism Spectrum Disorder</td>
<td>3</td>
</tr>
<tr>
<td>TESE 487</td>
<td>Teaching Functional Academics to Individuals with Exceptional Needs</td>
<td>2</td>
</tr>
</tbody>
</table>

Academic Concentration
Course may possibly fulfill General Studies requirement as well as Academic Concentration requirement. Consult advisor.
Complete a minimum of 15 credit hours in one of the following Academic Concentrations:

Business Education
  - BSAD 115 Introduction to Business
  - BSAD 295 Business Communications
  - BSED 402 Career, Business, and Technology Principles
  - ECON 270 Principles of Economics, Macroeconomics
  - FAMS 160 Personal Money Management
  - MGT 301 Principles of Management
  - CYBR 182 Software Productivity Tools

Foreign Languages: French
  - FREN 200 Intermediate French I
  - FREN 201 Intermediate French II
  - FREN 205 Culture, Conversation, and Composition
  - FREN 303 French Phonetics
  - FREN 308 Advanced French Grammar
  - FREN 414 Advanced French Conversation

Foreign Languages: German
  - GERM 200 Intermediate German I
  - GERM 201 Intermediate German II
  - GERM 205 Culture, Conversation and Composition
  - GERM 304 Advanced Composition and Conversation I
  - GERM 308 Advanced German Grammar
  - GERM 414 Advanced Composition and Conversation II

Foreign Languages: Spanish
  - SPAN 200 Intermediate Spanish I
  - SPAN 201 Intermediate Spanish II
  - SPAN 205 Culture, Conversation and Composition
  - SPAN 302 Spanish Phonetics/Phonology
  - SPAN 304 Advanced Conversation and Composition
  - SPAN 308 Advanced Spanish Grammar

Health and Physical Education
  - PE 100 Principles of Physical Education
  - PE 121 Sports Skills for Physical Education
  - PE 200 Teaching Sport Skills and Non-Rhythmic Activities
  - PE 220 Teaching Aerobic and Anaerobic Activities
  - PE 241 Rhythmic Activities for Physical Education Teachers
  - PE 369 Remedial and Adaptive Physical Education
  - PE 450 Curriculum and Assessment for Physical Education
**Special Education K-12 Teaching Field Endorsement, Bachelor of Arts in Education**

Offered by Department of Teacher Education (p. 390)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Psychology</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 230</td>
<td>Human Development</td>
<td></td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td></td>
</tr>
<tr>
<td>PSY 270</td>
<td>Experimental Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 430 &amp; 430L</td>
<td>Memory and Cognition and Memory and Cognition Laboratory</td>
<td></td>
</tr>
<tr>
<td>PSY 455</td>
<td>Adolescent Psychology</td>
<td></td>
</tr>
<tr>
<td><strong>Special Education</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TE 311</td>
<td>Math Methods I</td>
<td></td>
</tr>
<tr>
<td>TE 312</td>
<td>Math Methods II</td>
<td></td>
</tr>
<tr>
<td>TE 314</td>
<td>Phonics and Word Study</td>
<td></td>
</tr>
<tr>
<td>TE 315</td>
<td>Literacy Assessment</td>
<td></td>
</tr>
<tr>
<td>TE 316</td>
<td>Primary Grades Literacy</td>
<td></td>
</tr>
<tr>
<td>TE 317</td>
<td>Field Experience: Literacy</td>
<td></td>
</tr>
<tr>
<td>MATH 230</td>
<td>Math for Elementary Teachers I</td>
<td></td>
</tr>
<tr>
<td>MATH 330</td>
<td>Math for Elementary Teachers II</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td>46.5</td>
<td></td>
</tr>
</tbody>
</table>

1. Students must apply for admission to all Teacher Education programs (p. 404).

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**Special Education K-12 Teaching Field Endorsement, Bachelor of Arts in Education**

Offered by Department of Teacher Education (p. 390)

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td><strong>General Studies</strong></td>
<td></td>
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</tr>
<tr>
<td><strong>Foundational Core (Written, Math, Oral, Democracy)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foundational Core courses (p. 460)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Including:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td></td>
</tr>
<tr>
<td>MATH 230</td>
<td>Math for Elementary Teachers I</td>
<td></td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td></td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td></td>
</tr>
<tr>
<td><strong>Portal</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select one course numbered 188 (p. 465)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Distribution</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aesthetics</strong> (p. 460)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Humanities (p. 464)</td>
<td></td>
<td>6</td>
</tr>
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</table>

**Distribution**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 250</td>
<td>Introduction to Literature: British Literature</td>
<td></td>
</tr>
<tr>
<td>ENG 251</td>
<td>Introduction to Literature: American Literature</td>
<td></td>
</tr>
</tbody>
</table>
Select 1 of the following:

- HIST 210 Western Civilization
- HIST 211 Western Civilization
- HIST 212 Non-Western World History
- HIST 215 Introduction to Latin America
- HIST 250 American History
- HIST 251 American History

Social Sciences (p. 465) 6

Including:
- PSCI 110 Introduction to American Politics
- Select any approved ECON, PSY, SOC, or GEOG GS course

Natural Sciences (p. 464) 7

Including:
- Select any two approved BIOL, CHEM, GEOG, or PHYS GS courses

Analytical and Quantitative Thought (p. 460) 3

Including:
- MATH 330 Math for Elementary Teachers II

Wellness (p. 466) 3

Including:
- PE 150 Healthy Wealthy and Wise

Capstone
Select one course numbered 388 (p. 461) 3

Professional Sequence 2
Complete 1

Including:
- TE 206 Instructional Technology and the Preservice Teacher
- TE 318 Management and Assessment in Preschool/Elementary Classrooms
  or TE 319 Management and Assessment in K-12/Secondary Classrooms

Endorsement
Complete all required courses 48

Total Credit Hours 120

### Special Education K-6 Teaching Subject Endorsement, Bachelor of Arts in Education

Offered by Department of Teacher Education (p. 390)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 313</td>
<td>Field Experience: Math (Take .5 credit hour course twice)</td>
<td>1</td>
</tr>
</tbody>
</table>

### SPED Specific Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TESE 461</td>
<td>Legal Issues in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>TESE 462</td>
<td>Assessment and IEP Development</td>
<td>4</td>
</tr>
<tr>
<td>TESE 437</td>
<td>Medical Aspects of Individuals with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>TESE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
<tr>
<td>TESE 371</td>
<td>Field Experience with Students with Multiple Disabilities</td>
<td>0.5</td>
</tr>
<tr>
<td>TESE 372</td>
<td>Instructional Strategies for Individuals with Intellectual and Multiple Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>TESE 474</td>
<td>Field Experience</td>
<td>0.5</td>
</tr>
<tr>
<td>TESE 475</td>
<td>Curriculum Content for Secondary Students with Disabilities</td>
<td>2</td>
</tr>
<tr>
<td>TESE 476</td>
<td>Transitional Issues for Individuals with Disabilities</td>
<td>2</td>
</tr>
<tr>
<td>TESE 463</td>
<td>Instructional Strategies for Individuals with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>TESE 464</td>
<td>Field Experience with K-8 Students</td>
<td>1</td>
</tr>
<tr>
<td>TESE 467</td>
<td>Behavioral Interventions</td>
<td>3</td>
</tr>
<tr>
<td>TESE 468</td>
<td>Assistive Technology</td>
<td>2</td>
</tr>
<tr>
<td>TESE 479</td>
<td>Teaching Social Skills to Students with Autism Spectrum Disorder</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 48

1 Students must apply for admission to all Teacher Education programs (p. 404).

### General Studies

**Foundational Core (Written, Math, Oral, Democracy)**

Foundation Core courses (p. 460) 12

Including:
- ENG 102 Academic Writing and Research
- MATH 230 Math for Elementary Teachers I
- SPCH 100 Fundamentals of Speech Communication
- TE 100 Teaching in a Democratic Society

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

- ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

**Aesthetics (p. 460)**

3
Humanities (p. 464) 6
Including:
- Select 1 of the following:
  - ENG 250 Introduction to Literature: British Literature
  - ENG 251 Introduction to Literature: American Literature
  - ENG 252 Introduction to Literature: Western Civilization
  - ENG 253 Intro to Literature: Non-Western Civilization
  - ENG 254 Introduction to Literature: Special Topics
- Select 1 of the following:
  - HIST 210 Western Civilization
  - HIST 211 Western Civilization
  - HIST 212 Non-Western World History
  - HIST 215 Introduction to Latin America
  - HIST 250 American History
  - HIST 251 American History
Social Sciences (p. 465) 6
Including:
- PSCI 110 Introduction to American Politics
- Select any approved ECON, PSY, SOC, or GEOG GS course
Natural Sciences (p. 464) 8
Including:
- BIOL 103 General Biology
- Select one of the following:
  - PHYS 100 Physical Science
  & 100L and Physical Science Laboratory
  - PHYS 107 Physical Science for Elementary Teachers
  - PHYS 201 Earth Science
Analytical and Quantitative Thought (p. 460) 3
Including:
- MATH 330 Math for Elementary Teachers II
Wellness (p. 466) 3
Including:
- PE 150 Healthy Wealthy and Wise
Capstone
Select one course numbered 388 (p. 461) 3

Professional Sequence
Complete all required courses 1 24
Including:
- TE 318 Management and Assessment in Preschool/Elementary Classrooms
- TE 411 Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms

Endorsement
Complete all required courses 43.5
Unrestricted electives
Needed to reach 120 credit hours minimum 2.5
Total Credit Hours 120

Endorsement

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 311</td>
<td>Math Methods I</td>
<td>2</td>
</tr>
<tr>
<td>TE 312</td>
<td>Math Methods II</td>
<td>2</td>
</tr>
<tr>
<td>TE 314</td>
<td>Phonics and Word Study</td>
<td>2</td>
</tr>
<tr>
<td>TE 315</td>
<td>Literacy Assessment</td>
<td>2</td>
</tr>
<tr>
<td>TE 316</td>
<td>Primary Grades Literacy</td>
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</tr>
<tr>
<td>TE 317</td>
<td>Field Experience: Literacy</td>
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</tr>
<tr>
<td>TESE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
<tr>
<td>TESE 437</td>
<td>Medical Aspects of Individuals with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>MATH 104</td>
<td>Concepts in Mathematics and Statistics 2</td>
<td>3</td>
</tr>
<tr>
<td>TE 313</td>
<td>Field Experience: Math (Take .5 credit hour course twice)</td>
<td>1</td>
</tr>
</tbody>
</table>

Select the following in specified sequence:
- TESE 461 Legal Issues in Special Education 3
- TESE 462 Assessment and IEP Development 4
- TESE 371 Field Experience with Students with Multiple Disabilities 0.5
- TESE 372 Instructional Strategies for Individuals with Intellectual and Multiple Disabilities 3
- TESE 463 Instructional Strategies for Individuals with Disabilities 3
- TESE 464 Field Experience with K-8 Students 1
- TESE 467 Behavioral Interventions 3
- TESE 468 Assistive Technology 2
- TESE 479 Teaching Social Skills to Students with Autism Spectrum Disorder 3

Total Credit Hours 43.5

1 Students must apply for admission to all Teacher Education programs (p. 404).
2 For students without sufficient preparation at a higher level.

Special Education Minor

Offered by Department of Teacher Education (p. 390)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 204</td>
<td>Growth &amp; Development/Introduction to Exceptionalities</td>
<td>4</td>
</tr>
<tr>
<td>TESE 330</td>
<td>Collaboration, Consultation, and Co-Teaching</td>
<td>3</td>
</tr>
<tr>
<td>TESE 437</td>
<td>Medical Aspects of Individuals with Disabilities</td>
<td>3</td>
</tr>
<tr>
<td>TESE 461</td>
<td>Legal Issues in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>TESE 479</td>
<td>Teaching Social Skills to Students with Autism Spectrum Disorder</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two of the following: 6

Total Credit Hours 120
Supplemental Endorsement in English As a Second Language

Offered by Department of Teacher Education (p. 390)

Students must complete one Teaching Subject Endorsement or one Field Endorsement in addition to this Supplemental Endorsement.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPCH 154</td>
<td>Cross-Cultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>CDIS 261</td>
<td>Normal Language Development</td>
<td>3</td>
</tr>
<tr>
<td>TE 327</td>
<td>Introduction to Language Minority Students</td>
<td>2</td>
</tr>
<tr>
<td>TE 328</td>
<td>Content Methods in English as a Second Language</td>
<td>3</td>
</tr>
<tr>
<td>TE 329</td>
<td>Educational Assessment of ESL Students</td>
<td>3</td>
</tr>
<tr>
<td>TE 336</td>
<td>Methods for Preschool and Kindergarten Classrooms</td>
<td>3</td>
</tr>
<tr>
<td>TE 424</td>
<td>Teaching English to Speakers of Other Languages TESOL</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours 20

Teacher Education Program Information

Admission to Teacher Education

UNK students who are pursuing a program/degree that leads to initial teacher certification will begin the application process for admission to the Teacher Education Program during the semester that they complete Teacher Education 100 (TE 100). Transfer students who have taken the equivalent of TE 100 elsewhere will apply during Transfer Day or their first semester at UNK. The Application for Admission Form is available in the Educator Certification Office located in the College of Education Building C-128 and the phone number is (308) 865-8937.

Students must:

1. Complete all of the following courses with a grade of ”C” (2.0 GPA) or better.

2. Establish and maintain an overall UNK grade point average of 2.75 or higher.

3. Successfully complete the Praxis Core basic skills tests (Reading, Writing, and Mathematics) required by the Nebraska Department of Education (NDE). Minimum scores mandated by NDE must be attained.

4. Declare a teaching program(s) at the Academic and Career Services Office.

5. Provide evidence of the absence of any criminal conviction (misdemeanor or felony) that would prevent a student from qualifying for a teaching certificate.

6. Provide evidence of the absence of emotional and mental incapacity that would prevent a student from qualifying for a teaching certificate.

Application Procedures

The student shall be responsible for securing the application form and initiating the procedure for processing this form.

The Director of the Educator Certification Office will determine the procedure and action to be taken on each application and will either:

1. approve the applicant for the Teacher Education Program;
2. disapprove the applicant.

Decisions of the Director may be appealed in writing and by the student to the Director of the Educator Certification Office, who will make the recommendation to the Dean of the College of Education who will make the final decision regarding approval of the application.

Students will not be allowed to enroll in "blocked" 300-400 level education courses until they have been admitted to the Teacher Education program (enrollment in a limited number of "unblocked" 300-400 level courses will be permitted in the Early Childhood Unified, Elementary Education, Middle Level, Special Education Mild/Moderate K-6, and Special Education Mild/Moderate 7-12 programs).

Student Teaching

Arrangements are made for students who qualify to complete their student teaching requirement in schools located in Nebraska and other states. Most pre-student teaching and student teaching field experiences take place in schools that are members of UNK Network of Partner Schools. UNK teacher candidates will complete a minimum of 16 weeks (12 credit hours) of all-day student teaching. Some teacher candidates who pursue more than one endorsement will be required to complete 20
weeks of student teaching (17 credit hours) or more, depending on the endorsements.

Teacher candidates planning to student teach in the fall semester should apply for student teaching by the first Tuesday in February. Teacher candidates planning to student teach in the spring semester should apply by the first Tuesday in September. The first step, participation in a Student Teaching workshop, is mandatory. Student teachers who will student teach in the spring need to attend a workshop in April the year prior to student teaching; student teachers who will student teach in the fall need to attend a workshop in November the year prior to student teaching. This workshop will outline the application and placement process. A number of workshops will be scheduled throughout the fall and spring semesters. Students can contact the Educator Certification Office to request a schedule for the workshops.

All UNK student teachers under this program are obligated and pledge themselves to observe local rules and regulations. Any student teacher may be removed at any time upon the recommendation of the superintendent of schools or his designated representative.

Student teachers in Nebraska will be required to return to campus for the Student Teaching Seminar during their student teaching semester. Student teaching is graded credit/no credit. Students must follow the rules and regulations outlined in the College of Education’s Student Teaching Handbook.

Teacher candidates must meet all of the following requirements for admission to student teaching:

1. Admittance to teacher education.
2. An overall UNK grade point average of 2.75 or higher.
3. A grade of C (2.0 GPA) or higher in TE 204 and TE 206, or TE 204 and MUS 201 for Music Education students.
4. Satisfactory performance on the Lesson Plan Common Assessment and a C or better/Credit in the course delivering the Common Assessment (TE 319, TE 344L, TE 354, TE 472 and TESE 464). Students whose performance is unsatisfactory will receive an incomplete in the course that delivers the assessment. The course instructor will provide a remediation plan.
5. Satisfactory performance on the Unit Plan Common Assessment and a C or better/Credit in the course delivering the Common Assessment (TE 319, TE 344L, TE 354, TE 472 and TESE 464). Students whose performance is unsatisfactory will receive an Incomplete in the course that delivers the assessment. The course instructor will provide a remediation plan.
6. Satisfactory performance on the Educator Disposition Assessment Common Assessment and a C or better/Credit in the course delivering the Common Assessment (TE 317, TE 319, TE 472 and TESE 464). Students whose performance is unsatisfactory will meet with the department chair for a formal interview with results of that conversation documented in the applicant’s file. Based on the interview the chair will: 1) deny admission, 2) admit with waiver where the candidate must seek intervention and remediation, or 3) full admit the applicant with no conditions.
7. Satisfactory performance in all required pre-student teaching field experiences. All education majors will complete a minimum of 100 clock hours of pre-student teaching field experiences.
8. Advisor approval.
9. A background check performed just prior to student teaching.

In addition to the criteria noted above, teacher candidates should work closely with their academic advisor(s) to identify and meet any program-specific requirements for admission to student teaching. Students are expected to have completed all coursework in their program(s) prior to student teaching.

Application and Approval Procedures

Questions about any facet of student teaching should be directed to the Director for Field Experiences. The Director’s office is located in the Educator Certification Office in the College of Education Building C-128 and the phone number is (308) 865-8937.

The Director for Educator Certification Office will determine whether a student is approved or denied admission to student teaching. Decisions of the Director may be appealed in writing and by the student to the Dean of the College of Education who will make the final decision regarding the approval of the application.

Advising of Students in Teacher Education

UNK provides academic advising as an integral part of the educational process. Establishing a friendly and honest relationship with an advisor will be an advantage to the student both personally and educationally.

All students are assigned an advisor in their major.

The Educator Certification Office provides advisory services to students concerning the Praxis tests, admission to Teacher Education, admission to student teaching, and post-baccalaureate programs of study.

Although faculty advisors are important for providing information regarding degree requirements, class selections, and career direction, it is necessary for students to realize that the ultimate responsibility is their own. The UNK catalog is the official source of information on these matters.

Endorsements

The following endorsement programs have been established at UNK:

Teaching Subject Endorsements
- Biology (p. 175), 7-12
- Chemistry (p. 184), 7-12
- Geography (p. 249), 7-12
- Health Education (p. 287), 7-12
- History (p. 257), 7-12
- Physical Education (p. 289), PK-6
- Physical Education (p. 288), 7-12
- Physical Education, PK-12
- Physics (p. 357), 7-12
- Political Science (p. 367), 7-12
- Psychology (p. 378), 7-12
- Secondary English (p. 235), 7-12
- Sociology (p. 387), 7-12
- Special Education (p. 407), K-6
- Special Education (p. 404), 7-12
- World Languages (p. 323), 7-12
Teaching Field Endorsements

- French
- German
- Spanish

Teaching Field Endorsements

- Art, (p. 164) K-12
- Business, Marketing, and Information Technology (BMIT), (p. 300) 6-12
- Early Childhood Inclusive, (p. 399) Birth-3rd Grade
- Elementary Education, (p. 401) K-6
- English Language Arts, (p. 239) 7-12
- Health and Physical Education, (p. 286) PK-12
- Mathematics, (p. 313) 6-12
- Middle Level, (p. 402) 5-9
  - English Language Arts
  - Mathematics
  - Science
  - Social Science
- Music Education (p. 342) PK-12
- Social Science, (p. 261) 7-12
- Special Education, (p. 406) K-12

Supplemental Endorsements

(Must be paired with a field or subject endorsement.)

- Adapted Physical Education (p. 293) PK-12
- English as a Second Language (http://catalog.unk.edu/undergraduate/departments/programs/modern-languages/supplemental-endorsement-english-second-language) PK-12 (also Graduate Program, part of Curriculum and Instruction (http://catalog.unk.edu/graduate/departments/teacher-education/curriculum-instruction-mae))
- High Ability Education/Gifted K-12
- Information Technology PK-12
- Instructional Technology Leadership PK-12
- Interscholastic Coaching, (p. 293) 7-12
- Special Education - Behavior Intervention Specialist
- Special Education - Early Intervention Specialist B-PK
- Special Education - Functional Academic Skills and Independent Living Specialist B-12
- SPED - Inclusion and Collaboration Specialist PK-12
- Theatre (p. 348)
- Work-based Learning 9-12

Graduate Endorsements

(see Graduate Catalog (http://catalog.unk.edu/graduate))

(Does not qualify for initial certification, except Speech/Language Pathology)

- High Ability Learner/Gifted (http://catalog.unk.edu/graduate/departments/teacher-education/special-education-mae) (part of Special Education (http://catalog.unk.edu/graduate/departments/teacher-education/special-education-mae)) K-12 (Graduate Program)
- Information Technology (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse/#info) (part of Instructional Technology (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse)) PK-12 (Graduate Program)
- Instructional Technology Leadership (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse/#inst) PK-12 (Graduate Program)
- Reading Specialist (http://catalog.unk.edu/graduate/departments/teacher-education/reading-pk-12-mae) PK-12 (Graduate Program)
- School Librarian (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse/#lib) (part of Instructional Technology (http://catalog.unk.edu/graduate/departments/teacher-education/instructional-technology-mse)) PK-12 (Graduate Program)
- School Psychologist (http://catalog.unk.edu/graduate/departments/counseling-school-psychology/school-psychology-education-specialist) PK-12 (Graduate Program)
- School Counseling-Elementary (http://catalog.unk.edu/graduate/departments/counseling-school-psychology/school-counseling-elementary-pk-6-mae) PK-6 (Graduate Program)
- School Counseling-Secondary (http://catalog.unk.edu/graduate/departments/counseling-school-psychology/school-counseling-secondary-7-12-mae) 7-12 (Graduate Program)
- Speech/Language Pathology (http://catalog.unk.edu/graduate/departments/communication-disorders/speech-language-pathology-mse) Birth-21 (Graduate Program)

Administration Endorsements

- Elementary Principal, (http://catalog.unk.edu/graduate/departments/educational-administration/school-principalship-pk-8-mae) PK-8 (Graduate Program)
- Secondary Principal, (http://catalog.unk.edu/graduate/departments/educational-administration/school-principalship-7-12-mae) 7-12 (Graduate Program)
- Superintendent of Schools (http://catalog.unk.edu/graduate/departments/educational-administration/school-superintendent-eds) K-12 (Graduate Program)
- Supervision of Special Education B-12 (Graduate Program)

Teaching and Administration Certificates

Applications for all teaching and administrative certificates are filed through the Educator Certification Office. The institutional recommendation for certification and/or endorsement is based on admission to and successful completion of the respective programs.

1 Must meet the minimum requirement for the Educator Dispositions Assessment Common Assessment as presented in the class.

2 For admission purposes, students need to complete either TE 204 or TE 206. However, in order to complete the program, students will need to complete both courses with a grade of “C” or better.

Training and Development in the Workplace Minor

Offered by Department of Teacher Education (p. 390)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE 207</td>
<td>Designing and Implementing eLearning</td>
<td>3</td>
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</table>

Core Requirements
Ethnic Studies Program

Graduates entering the area of business, education, individual, family, medical, and legal services must be prepared to work with an increasingly diverse population in both urban and rural areas. Those in business and industry sectors must be prepared for an increasingly diverse workforce and customer base. Educators, while predominantly Caucasian, are working in both private and public education classrooms with increasingly larger minority student populations. Employment success will be heightened through undergraduate experiences rich in knowledge and skills related to ethnic uniqueness. Future career advancement will be even more dependent upon those skills. The Ethnic Studies Program was designed to work with students to establish a course of study for the student to address these challenges.

Program Mission Statement

The Ethnic Studies Program is an interdisciplinary program committed to promoting multicultural and ethnic knowledge, understanding, skills and values to prepare students to function effectively in a culturally diverse nation and world.

Program Goals

The primary goal of the Ethnic Studies Program is to provide a curriculum that enhances student knowledge, skills and abilities in the understanding and integration of knowledge related to various ethnic groups within the United States society. Additional goals include the enhancement of student skills in the areas of critical thinking, analysis and problem solving techniques with an emphasis on ethnic and racial concerns.

Program Objectives

- To engage students and faculty in educational activities that foster awareness of and exposure to scholarly and popular literature on the roles that ethnicity and race have played and continue to play in shaping American society.
- To assist students to develop critical thinking skills related to ethnic and racial concerns.
- To assist students to develop fundamental skills related to academic research, effective writing, social, cultural, educational or business program assessment related to ethnic studies.
- To promote cross-cultural understanding and efforts to strive for social justice.

For more information contact:

Linda Van Ingen, Director
Ethnic Studies Program
University of Nebraska at Kearney
Kearney, NE 68849

The minor in Ethnic Studies (p. 412) is available for students pursuing majors in other disciplines.

Linda Van Ingen, Director

Ethnic Studies (ETHS)

ETHS 101 – Introduction to Ethnic Studies 3 credit hours
This course focuses on the historical development, perspectives, and cultural expressions of U.S. minority groups. Consideration will be given to key concepts including race, ethnicity, nationality, class and power, and the interactions among them.

ETHS 370 – Research in Ethnic Studies 3 credit hours
Under faculty guidance, students will conceive and carry out a semester-long project of research or creative activity in Ethnic Studies. It may be possible to cross-list this research course with compatible research/independent study courses from other disciplines.
Prerequisite: ETHS 101

ETHS 450 – Senior Seminar in Comparative Ethnic Studies 3 credit hours
A capstone course for students minoring in Ethnic Studies. Utilizing the projects developed by students in ETHS 370, this interdisciplinary seminar will draw connections between prior Ethnic Studies courses and student research while examining contemporary theory, issues, and events through lecture and seminar discussion.
Prerequisite: ETHS 101 and ETHS 370

Ethnic Studies Minor

Offered by Ethnic Studies Program (p. 412)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHS 101</td>
<td>Introduction to Ethnic Studies</td>
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</tr>
<tr>
<td></td>
<td>Electives</td>
<td></td>
</tr>
<tr>
<td>Select 15 credit hours from at least two different departments:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJUS 380</td>
<td>Minorities and Criminal Justice</td>
<td></td>
</tr>
<tr>
<td>ENG 253</td>
<td>Intro to Literature: Non-Western Civilization</td>
<td></td>
</tr>
<tr>
<td>ENG 359</td>
<td>Contemporary American Multicultural Lit</td>
<td></td>
</tr>
<tr>
<td>ENG 425</td>
<td>Children's Literature</td>
<td></td>
</tr>
<tr>
<td>ETHS 370</td>
<td>Research in Ethnic Studies</td>
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Code Title Credit Hours

Requirements

<table>
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<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
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<td>ETHS 101</td>
<td>Introduction to Ethnic Studies</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Electives</td>
<td></td>
</tr>
<tr>
<td>Select 15 credit hours from at least two different departments:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CJUS 380</td>
<td>Minorities and Criminal Justice</td>
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<td>ENG 253</td>
<td>Intro to Literature: Non-Western Civilization</td>
<td></td>
</tr>
<tr>
<td>ENG 359</td>
<td>Contemporary American Multicultural Lit</td>
<td></td>
</tr>
<tr>
<td>ENG 425</td>
<td>Children's Literature</td>
<td></td>
</tr>
<tr>
<td>ETHS 370</td>
<td>Research in Ethnic Studies</td>
<td></td>
</tr>
</tbody>
</table>
ETHS 450  Senior Seminar in Comparative Ethnic Studies
FAMS 481  Cross-Cultural Family Patterns
HIST 250  American History
HIST 251  American History
HIST 405  The Plains Indians
HIST 421  Women in America
HIST 429  Religion in America
HIST 431  Colonial America 1492-1750
HIST 455  Comparative Studies in Ethnic Conflict
HIST 485  The United States Since 1941
MUS 106  Introduction to Jazz and Blues
MUS 107  Introduction to Rock and Blues
PE 402  Sociology of Sport
PSCI 353  Race & Politics
SOC 201  Social Inequality
SOC 225  Global Cultures and Diversity
SOC 340  The Holocaust
SOC 420  Race and Minority Relations
SOWK 410  Social Policy & Programs
SOWK 420  Diversity and Social Justice
SPCH 454  Intercultural Communication
WSTD 220  Women's & Gender Studies

Total Credit Hours 18

Work closely with the director of the Ethnic Studies Program to design individualized course of study.

Health Science Programs

Program Objectives

- To give guidance and counseling regarding requirements for UNK Health Science Programs and for admission to health-related professional schools and clinical specialty programs.

Health Science Pre-Professional Programs

The University of Nebraska at Kearney offers pre-professional training in a variety of fields. Some of the career interests for which UNK offers undergraduate preparation are listed below. Health Sciences assist in the planning of the student's schedule in accordance with the requirements of the professional school selected by the student. The student should check with the health science college or university to which he/she wishes to apply in order that effective selection of elective courses may be made while at UNK. Satisfactory completion of the recommended programs of study in pre-professional areas does not automatically guarantee a student admission to a professional program. Factors generally considered for admission by professional schools include: grade point average of at least a "B," personal recommendations, scores on entrance or nationwide examinations, shadowing and volunteer experience, and a personal interview. Pre-Health Science Programs are available in:

- Pre-Dental (p. 419)
- Pre-Dental Hygiene (p. 419)
- Pre-Health Information Management (p. 420)
- Pre-Medical (p. 420)
- Pre-Mortuary Science (p. 421)
- Pre-Nursing (p. 421)
- Pre-Occupational Therapy (p. 422)
- Pre-Optometry (p. 423)
- Pre-Osteopathy (p. 418)
- Pre-Pharmacy (p. 423)
- Pre-Physical Therapy (p. 424)
- Pre-Physician Assistant (p. 425)
- Pre-Podiatry (p. 418)
- Pre-Radiologic Technology (p. 425)

Although many UNK students are admitted to these professional and clinical programs, competition for the limited number of openings is intense, and admission is not automatically assured by successful completion of the pre-clinical or pre-professional courses. Therefore, students should also plan to pursue an academic major and work towards a baccalaureate degree. For additional information, contact the office of Health Sciences, Bruner Hall of Science.

Masters Degree in Public Health

For UNK students who would like to pursue a Masters Degree in Public Health, the University of Nebraska Medical Center offers an MPH degree with a variety of concentration areas available. Bachelor's degree is required for entrance. For additional information, contact Health Sciences.

Health Sciences

The following majors are available:

1. Applied Health Science (p. 415) - Bachelor of Science Degree
   For further information on this degree option contact, the office of Health Sciences.
2. Health Sciences (p. 416) - Bachelor of Science Degree
   A minor in Health Science (p. 416) or Public Health (p. 426) is also available.

Peggy Abels, Director
Sarah Jones, Assistant Director
TBA, Health Sciences Advisor

Faculty (http://aaunk.unk.edu/catalogs/current/fac/clinicalFac.asp) at associated professional schools and clinical specialty programs.

Health Science (HSCI)

HSCI 103  Seminar in Pre-Nursing  1 credit hour
This course is for entering pre-nursing students to assist them with their academic, professional and career planning goals.
Prerequisite: Freshman or Sophomore standing
HSCI 125A – Orientation to Physical Therapy 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a physical therapist. The student spends 36-40 clock hours with a working professional physical therapist in an on-the-job setting. Students should complete BIOL 225, BIOL 226, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125A.
Total Credits Allowed: 2.00

HSCI 125B – Orientation to Clinical Lab Sciences 2 credit hours
This course is an introduction to the profession of medical technology. It includes a historical perspective of the profession, orientation to hospital/laboratory infra-structure, and a description of accrediting agencies and professional organizations. Emphases will be placed on educational requirements, personal attributes and characteristics desirable in a medical technologist, professional ethics, clinical laboratory departments, professional specialties, employment opportunities and the future of medical technology. The course requires a shadowing/observation experience in a clinical laboratory setting.

HSCI 125C – Orientation to Medicine 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a physician. The student spends 36-40 clock hours with a working professional physician in an on-the-job setting. Students should complete CHEM 160, CHEM 160L, CHEM 161, CHEM 161L, CHEM 360, and CHEM 360L and two lab classes in animal or human biology prior to taking HSCI 125C.
Total Credits Allowed: 2.00

HSCI 125D – Orientation to Pharmacy 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a pharmacist. The student spends 36-40 clock hours with a working professional pharmacist in an on-the-job setting. Students should complete CHEM 160, CHEM 160L, CHEM 161, and CHEM 161L and BIOL 211 or BIOL 215 prior to taking HSCI 125D.
Total Credits Allowed: 2.00

HSCI 125E – Orientation to Dentistry 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a dentist. The student spends 36-40 clock hours with a working professional dentist in an on-the-job setting. Students should complete CHEM 160, CHEM 160L, CHEM 161, CHEM 161L, CHEM 360, and CHEM 360L and two lab classes in animal or human biology prior to taking HSCI 125E.
Total Credits Allowed: 2.00

HSCI 125F – Orientation to Radiography 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a radiographer (radiologic technologist). The student spends 36-40 clock hours with a working professional radiographer in an on-the-job setting. Students should complete BIOL 225, BIOL 226 and one lab course in chemistry or physics prior to taking HSCI 125F.
Total Credits Allowed: 2.00

HSCI 125G – Orientation to Respiratory Therapy 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a respiratory therapist. The student spends 36-40 clock hours with a working professional respiratory therapist in an on-the-job setting. Students should complete BIOL 225, BIOL 226, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125G.
Total Credits Allowed: 2.00

HSCI 125H – Orientation to Occupational Therapy 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as an occupational therapist. The student spends 36-40 clock hours with a working professional occupational therapist in an on-the-job setting. Students should complete BIOL 225, BIOL 226, PSY 203, and PSY 230 or PSY 231 prior to taking HSCI 125H.
Total Credits Allowed: 2.00

HSCI 125I – Orientation to Physician Assistant 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a physician assistant. The student spends 36-40 clock hours with a working professional physician assistant in an on-the-job setting. Students should complete BIOL 225, BIOL 226, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125I.
Total Credits Allowed: 2.00

HSCI 125J – Orientation to Dental Hygiene 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a dental hygienist. The student spends 36-40 clock hours with a working professional dental hygienist in an on-the-job setting. Students should complete BIOL 225, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125J.
Total Credits Allowed: 2.00

HSCI 125K – Orientation to Optometry 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as an optometrist. The student spends 36-40 clock hours with a working professional optometrist in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160, CHEM 160L, CHEM 161L, PHYS 205, and PHYS 205L prior to taking HSCI 125K.
Total Credits Allowed: 2.00

HSCI 125L – Orientation to Nuclear Medicine Technology 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a nuclear medicine technologist. The student spends 36-40 clock hours with a working professional nuclear medicine technologist in an on-the-job setting. Students should complete CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125L.
Total Credits Allowed: 2.00

HSCI 125M – Orientation to Chiropractic 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a chiropractor. The student spends 36-40 clock hours with a working professional chiropractor in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125M.
Total Credits Allowed: 2.00
HSCI 125N – Orientation to Podiatry 1 credit hour
Designed to familiarize students with the requirements, opportunities, and obligations associated with careers in the health sciences as a podiatrist. The student spends 36-40 clock hours with a working professional podiatrist in an on-the-job setting. Students should complete 8 hours of BIOL, CHEM 160, CHEM 160L, CHEM 161 and CHEM 161L prior to taking HSCI 125N.
Total Credits Allowed: 2.00

HSCI 125P – Orientation to Health Sciences 1 credit hour
To provide health science students with a meaningful experience in a medical setting to help the student gain a better grasp of health care professions and the responsibilities associated with those professions, as well as the practical, legal, and ethical concerns related to these professions.
Total Credits Allowed: 2.00

HSCI 130 – Opportunities in the Health Sciences 1 credit hour
A course designed to introduce students to the many diversified opportunities in the health field and the personal as well as the educational requirements for the various careers available in the health sciences.

HSCI 140 – Introduction to Public Health 3 credit hours
An introductory course concerning various topics of public health including: history, current issues and future trends; epidemiology, epidemics and data collection; biomedical basis of disease and disease prevention methods (vaccinations, diet and healthy habits); environmental issues (water, air, food and drug safety); role of government, organizations, and law in public health; emergency preparedness for health, natural disasters, and bioterrorism; health dollars and insurance; and health needs of specific populations. The topics listed will be discussed briefly so that students can become familiar with general concepts. In addition to the required text, media including, newspaper articles, television broadcasts, and journal articles (both professional and lay public) will be used to enhance our understanding of the perception of health in the general public.

HSCI 225 – Introduction to Hematology 2 credit hours
This course is designed to provide an introduction to the procedures used in the hematology and urinalysis departments of a clinical laboratory. The course will consist of a combination of classroom lectures, demonstrations, laboratory instruction and practice.
Prerequisite: 8 hours of BIOL or permission of instructor
Additional Course Fee Required

HSCI 300 – Seminar in Health Sciences 1 credit hour
This course is designed to assist students in the Health Sciences with their academic, professional and career planning goals. Some topics and issues to be covered in the course include academic preparation for the health sciences, preparing for the admissions process, professionalism, confidentiality, insurance, managed care and other issues and trends in health care.
Prerequisite: Sophomore standing

HSCI 320 – Global Health 3 credit hours
This course introduces students to the main concepts of global health which includes concepts pertinent to developing nations and the health of the poor, as well as globalization of the world. Students will study the determinants of health, factors that influence the burden of disease, economics, and political influences on public health. Classical global health issues, as well as current events, will be included in the course.
Prerequisite: HSCI 140 and BIOL 110

HSCI 400 – Cultural Issues in Medicine 1 credit hour
To familiarize pre-health professionals with cultural differences in our growing diverse population through a weeklong workshop and volunteer practicum experience in an approved clinic or hospital.
Department Consent Required

HSCI 410 – Issues in Medicine 1 credit hour
To familiarize pre-health professionals with issues relating to agrimedicine and rural medical practice through a weeklong workshop and volunteer practicum experience in an approved clinic or hospital.
Department Consent Required

HSCI 430 – Special Topics in Health Sciences 1-6 credit hours
The format of this course will vary depending on the specific clinical program into which the student is accepted; the purpose of the course is to provide the student with in-depth experience in the specific health science area.
Total Credits Allowed: 6.00

HSCI 475 – Internship in Health Sciences 1-5 credit hours
This internship is designed to provide an opportunity to gain valuable on-the-job experience that will enhance the student's understanding of the healthcare system. Internships will be student initiated but must be approved by the student's health science advisor and the site supervisor.
Total Credits Allowed: 25.00

Applied Health Sciences, Bachelor of Science
Offered by Health Science Programs (p. 413)

Students accepted into a professional school in the health sciences may receive a BS in Applied Health Sciences degree from UNK if they fulfill the requirements in one of the following options:

Options 1:

1. A minimum of 85 semester credit hours completed toward one of the pre-professional health programs presently listed in the catalog.
2. Completion of all general studies requirements prescribed by UNK.
3. Successful completion of 35 credit hours of coursework in professional school in one of the following areas: medicine, physical therapy, chiropractic, osteopathy, optometry, podiatry, dentistry, physician assistant, occupational therapy or pharmacy and occasionally other areas in which the professional program is considered to be at least equivalent to a baccalaureate degree and can be considered upper division credit hours.
4. Not less than 32 semester credit hours shall be UNK credits.

Options 2:

1. A minimum of 65 credit hours of pre-radiologic technology coursework as presently listed in the catalog.
2. Completion of all general studies requirements prescribed by UNK.
3. Successful completion of a radiologic technology clinical training program at an affiliated hospital program for which a total of 55 semester hours is awarded.
4. Not less than 32 semester hours shall be UNK credits.

For further information on these degree options contact the office of Health Science Programs (p. 413).
Health Sciences, Bachelor of Science

A grade of "C" or above is required for all courses in this Option. In this option, prerequisites are fulfilled when the prerequisite courses have been passed with a "C" or above.

Offered by Health Science Programs (p. 413)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>

**General Studies**

*Foundational Core (Written, Math, Oral, Democracy)*

Foundational Core courses (p. 460) 12

Including:

- MATH 102 College Algebra

**Portal**

Select one course numbered 188 (p. 465) 3

**Distribution**

ENG 101 Introduction of Academic Writing 3

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

Aesthetics (p. 460) 3

Humanities (p. 464) 6

Social Sciences (p. 465) 6

Including:

- PSY 203 General Psychology

Natural Sciences (p. 464) 8

Including one of the following:

- BIOL 103 General Biology
- BIOL 211 Human Microbiology

Take one of the following options:

Take one course:

- CHEM 145 Introductory Chemistry

Or take two courses:

- CHEM 160 General Chemistry
- & 160L and General Chemistry Laboratory

Analytical and Quantitative Thought (p. 460) 0

Wellness (p. 466) 3

- FAMS 110 Introduction to Nutrition

**Capstone**

Select one course numbered 388 (p. 461) 3

**BS Science-related course requirements**

BIOL 225 Anatomy and Physiology 4

BIOL 226 Anatomy and Physiology 4

**Major Option**

Complete all required courses 34

**Minor or 2nd Major**

Complete all required courses 24

**Unrestricted electives**

Needed to reach 120 credit hour minimum 7

Total Credit Hours 120

**Electives**

Take 21 hours from the following:

- BIOL 311 Bioethics
- BIOL 440 Infectious Diseases
- BIOL 461 Human Genetics
- CSP 417 Counseling Skills
- ECON 410 Health Care Economics
- FAMS 351 Marriage and Family Relationships
- HSCI 125 Orient to Med Prof
- HSCI 130 Opportunities in the Health Sciences
- HSCI 300 Seminar in Health Sciences
- HSCI 320 Global Health
- MGT 440 Health Care Management I - Managing People Effectively
- MGT 441 Health Care Management II - Managing Processes Effectively
- PE 329 Introduction to Health Promotions
- PE 459 Special Topics Gross Anatomy
- PE 460 Gross Anatomy of Movement
- PSY 231 Abnormal Behavior and Society
- SOC 275 Social Psychology
- SPAN 103 Spanish for Special Purposes

Total Credit Hours 34

Students should work closely with their academic advisor to ensure that the 40-hour upper division requirement is met. Students should also be aware that there can be no more than 8 hours of overlap between a major and a minor

**Health Science Minor**

Offered by Health Science Programs (p. 413)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>

**Requirements**

- HSCI 300 Seminar in Health Sciences 1
- BIOL 211 Human Microbiology 4
- BIOL 225 Anatomy and Physiology 4
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 325</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Select one of the following options:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 145 Introductory Chemistry</td>
<td></td>
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<tr>
<td></td>
<td>or</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHEM 160 General Chemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&amp; 160 and General Chemistry</td>
<td></td>
</tr>
</tbody>
</table>

**Electives**

Select 6 credit hours of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 125A</td>
<td>Orientation to Physical Therapy</td>
<td></td>
</tr>
<tr>
<td>HSCI 125B</td>
<td>Orientation to Clinical Lab Sciences</td>
<td></td>
</tr>
<tr>
<td>HSCI 125C</td>
<td>Orientation to Medicine</td>
<td></td>
</tr>
<tr>
<td>HSCI 125D</td>
<td>Orientation to Pharmacy</td>
<td></td>
</tr>
<tr>
<td>HSCI 125E</td>
<td>Orientation to Dentistry</td>
<td></td>
</tr>
<tr>
<td>HSCI 125F</td>
<td>Orientation to Radiography</td>
<td></td>
</tr>
<tr>
<td>HSCI 125G</td>
<td>Orientation to Respiratory Therapy</td>
<td></td>
</tr>
<tr>
<td>HSCI 125H</td>
<td>Orientation to Occupational Therapy</td>
<td></td>
</tr>
<tr>
<td>HSCI 125I</td>
<td>Orientation to Physician Assistant</td>
<td></td>
</tr>
<tr>
<td>HSCI 125J</td>
<td>Orientation to Dental Hygiene</td>
<td></td>
</tr>
<tr>
<td>HSCI 125K</td>
<td>Orientation to Optometry</td>
<td></td>
</tr>
<tr>
<td>HSCI 125L</td>
<td>Orientation to Nuclear Medicine Technology</td>
<td></td>
</tr>
<tr>
<td>HSCI 125M</td>
<td>Orientation to Chiropractic</td>
<td></td>
</tr>
<tr>
<td>HSCI 125N</td>
<td>Orientation to Podiatry</td>
<td></td>
</tr>
<tr>
<td>HSCI 140</td>
<td>Introduction to Health Sciences</td>
<td></td>
</tr>
<tr>
<td>HSCI 225</td>
<td>Introduction to Hematology</td>
<td></td>
</tr>
<tr>
<td>HSCI 475</td>
<td>Internship in Health Sciences</td>
<td></td>
</tr>
<tr>
<td>BIOL 311</td>
<td>Bioethics</td>
<td></td>
</tr>
<tr>
<td>BIOL 404</td>
<td>Developmental Biology</td>
<td></td>
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<tr>
<td>BIOL 461</td>
<td>Human Genetics</td>
<td></td>
</tr>
<tr>
<td>CDIS 210</td>
<td>Survey of Communication Disorders</td>
<td></td>
</tr>
<tr>
<td>CDIS 406</td>
<td>Adult Communication Disorders</td>
<td></td>
</tr>
<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
<td></td>
</tr>
<tr>
<td>ECON 410</td>
<td>Health Care Economics</td>
<td></td>
</tr>
<tr>
<td>FAMS 110</td>
<td>Introduction to Nutrition</td>
<td></td>
</tr>
<tr>
<td>MGT 440</td>
<td>Health Care Management I - Managing People Effectively</td>
<td></td>
</tr>
<tr>
<td>MGT 441</td>
<td>Health Care Management II - Managing Processes Effectively</td>
<td></td>
</tr>
<tr>
<td>MGT 450</td>
<td>Health Care Delivery: Systems and Policies</td>
<td></td>
</tr>
<tr>
<td>PE 265</td>
<td>Emergency Medical Response</td>
<td></td>
</tr>
<tr>
<td>PE 460</td>
<td>Gross Anatomy of Movement</td>
<td></td>
</tr>
<tr>
<td>PSY 192</td>
<td>Death and Dying</td>
<td></td>
</tr>
<tr>
<td>PSY 230</td>
<td>Human Development</td>
<td></td>
</tr>
<tr>
<td>PSY 231</td>
<td>Abnormal Behavior and Society</td>
<td></td>
</tr>
<tr>
<td>PSY 350</td>
<td>Ethics in Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 440</td>
<td>Health Psychology</td>
<td></td>
</tr>
<tr>
<td>PSY 462</td>
<td>Adult Development and Aging</td>
<td></td>
</tr>
<tr>
<td>SOC 201</td>
<td>Social Inequality</td>
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<tr>
<td>SOC 420</td>
<td>Race and Minority Relations</td>
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</tr>
<tr>
<td>SOC 462</td>
<td>Sociology of Health and Illness</td>
<td></td>
</tr>
<tr>
<td>SPAN 103</td>
<td>Spanish for Special Purposes (Medical)</td>
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</tr>
<tr>
<td>SPCH 300</td>
<td>Interpersonal and Relational Communication</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credit Hours**

24

**Pre-Cardiovascular Perfusion**

Offered by Health Science Programs (p. 413)

A candidate for admission to the Clinical Perfusion Education Program at the University of Nebraska Medical Center must have successfully completed a Bachelor’s Degree and the following required courses. Scores from the basic portion of the Graduate Record Exam (GRE) must also be submitted. Students should check the specific school(s), other than the University of Nebraska Medical Center, to which they intend to apply to ensure that all admission requirements are fulfilled.

**Competition to gain a place in perfusion school is intense and cannot be guaranteed.**

**Code**

**Title**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
</table>

**Required Courses**

Select one the following options:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>1</td>
</tr>
<tr>
<td>&amp; BIOL 226</td>
<td>and Anatomy and Physiology 1</td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Physiology</td>
<td>1</td>
</tr>
<tr>
<td>&amp; PE 460</td>
<td>and Gross Anatomy of Movement</td>
<td></td>
</tr>
</tbody>
</table>

Select 1 of the following additional BIOL courses:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>3</td>
</tr>
</tbody>
</table>

Select all of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
<td>4</td>
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<tr>
<td>&amp; 160L</td>
<td>and General Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 161L</td>
<td>and General Chemistry Laboratory</td>
<td></td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
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<tr>
<td>&amp; 205L</td>
<td>and Physics I Laboratory</td>
<td></td>
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</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 123</td>
<td>Applied Calculus I</td>
<td>3</td>
</tr>
</tbody>
</table>

**Recommended Electives**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 225</td>
<td>Introduction to Hematology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 309</td>
<td>Cellular &amp; Molecular Biology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 325</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 360</td>
<td>Genetics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 401</td>
<td>Principles of Immunology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 250</td>
<td>Elementary Organic Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>&amp; 250L</td>
<td>and Elementary Organic Chemistry Lab</td>
<td></td>
</tr>
</tbody>
</table>
Pre-Chiropractic, Pre-Osteopathy, Pre-Podiatry

Offered by Health Science Programs (p. 413)

A minimum of 90 semester credit hours is required for admission to most colleges of chiropractic, osteopathic medicine, or podiatry. However, students pursuing these programs are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-professional program. This requires a major/Minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. These programs do not specify which major a student should pursue in conjunction with his/her pre-professional studies. Chemistry and biology majors are commonly chosen but other science majors, psychobiology, psychology, business or the humanities are acceptable as long as the core science courses in chemistry, biology and physics are included.

Competition for positions in these schools is intense and admission is never guaranteed. Admission is based on scholastic record, MCAT scores (if required), personal recommendations, an interview with members of the admissions committee, shadowing, health care exposure and other extracurricular activities.

The following curriculum will fulfill the admissions requirements at most chiropractic, osteopathic and podiatry schools. Students should check with the specific school(s) to which they intend to apply to ensure that all requirements are met.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 206 &amp; 206L</td>
<td>General Physics II and Physics Laboratory II</td>
<td>33-36</td>
</tr>
</tbody>
</table>

Electives
Electives in the humanities and social sciences are required and may include English literature courses, foreign language, psychology, philosophy, political science, economics, sociology and fine arts courses. Other electives, including upper division biology and chemistry courses, are also recommended. See advisor for suggestions.

Medical College Admissions Test (MCAT)
The MCAT is required for admission to osteopathic and podiatry schools and should be taken once all required courses have been completed. See advisor for more information.

Pre-Medical Laboratory Science

Offered by Health Science Programs (p. 413)

The following three year pre-professional program is based on the requirements for admission to the Medical Laboratory Science Program in the School of Allied Health Professions at the University of Nebraska Medical Center. A minimum 77 semester credit hours of pre-medical laboratory science courses must be completed at UNK. The Medical Laboratory Science Program at UNMC is an 11 month program. Students will receive a Bachelor’s Degree from UNMC upon completion of the clinical training.

While other medical laboratory science programs may be similar, the student is urged to contact the specific school of his or her choice to determine any suggested variations of this pre-professional schedule. Students must apply for positions in medical laboratory science programs and the competition is intense. Therefore admission is never guaranteed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103 &amp; BIOL 215</td>
<td>General Biology and Human Physiology</td>
<td>8</td>
</tr>
<tr>
<td>BIOL 225 &amp; BIOL 226</td>
<td>Anatomy and Physiology and Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160 &amp; 160L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 161 &amp; 161L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 360 &amp; 360L</td>
<td>Organic Chemistry and Organic Chemistry Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 361 &amp; 361L</td>
<td>Organic Chemistry and Organic Chemistry Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction to Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 205 &amp; 205L</td>
<td>General Physics I and Physics Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 206 &amp; 206L</td>
<td>General Physics II and Physics Laboratory II</td>
<td>5</td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 401</td>
<td>Principles of Immunology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160 &amp; 160L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 161 &amp; 161L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 250 &amp; 250L</td>
<td>Elementary Organic Chemistry and Elementary Organic Chemistry Laboratory</td>
<td>5</td>
</tr>
</tbody>
</table>
Pre-Dental

Offered by Health Science Programs (p. 413)

The College of Dentistry of the University of Nebraska Medical Center requires a minimum of 90 semester credit hours for admission. The majority of students entering dental school have a BS degree. Therefore, students pursuing a pre-dental curriculum are expected to choose a major so that they can be working toward a baccalaureate degree concurrently with the pre-dental program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK General Studies requirements (p. 460) and other degree requirements as set forth in the college catalog. Dental schools do not specify which major a student should pursue in conjunction with his/her pre-dental studies. Chemistry and biology majors are commonly chosen but other science majors, psychobiology, psychology, business or the humanities are acceptable as long as the core science courses in chemistry, biology and physics are included.

Competition for positions in dental schools is intense and admission is never guaranteed. Admission to dental school is based on a review of the scholastic record, DAT scores, personal recommendations, an interview with members of the admissions committee, shadowing and other extra-curricular activities. The following requirements are based on the admission requirements of the College of Dentistry at the University of Nebraska Medical Center. Students wanting to apply to other dental schools should check with those specific schools for additional requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Physiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 37-38

Pre-Dental Hygiene

Offered by Health Science Programs (p. 413)

The following two-year program is based on the requirements of the University of Nebraska Medical Center’s College of Dentistry in Lincoln, Nebraska. While other dental hygiene programs may be similar, the student is urged to contact the specific school of his or her choice to determine any suggested variations of this pre-professional schedule. Students must apply for positions in dental hygiene programs and the competition is intense. Therefore admission is never guaranteed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
</tbody>
</table>

Total Credit Hours: 45
Pre-Health Information Management

Offered by Health Science Programs (p. 413)

The following pre-health information management program is suggested for students interested in applying to a school of Health Information Management. The University of Nebraska at Kearney is currently affiliated with the following schools of Health Information Management: University of Kansas Medical Center in Kansas City, KS; Dakota State University in Madison, SD. Completion of the pre-health information management does not automatically guarantee admission into one of these schools. The educational requirements may vary slightly from school to school. Therefore, the student should check with the specific school(s) to which he/she intends to apply to ensure that all requirements are fulfilled. The following list is a suggested course of study that will fulfill requirements at most HIM schools.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 325</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Take all of the following:

- ENG 101  Introduction of Academic Writing
- ENG 102  Academic Writing and Research
- PSY 203  General Psychology
- SOC 100  Introduction to Sociology
- SPCH 100  Fundamentals of Speech Communication

Select 1 of the following:

- BIOL 103  General Biology
- BIOL 225  Anatomy and Physiology
- BIOL 226  Anatomy and Physiology
- BIOL 211  Human Microbiology
- BIOL 215  Human Physiology

Restriction

Select no more than 1 of the following options:

- BIOL 225  Anatomy and Physiology
- BIOL 226  Anatomy and Physiology

Completion for positions in medical schools is intense and admission is never guaranteed. Admission to medical school is based on scholastic record, MCAT scores, personal recommendations, interview with members of the admissions committee, shadowing, and other extra-curricular activities.

The following requirements are based on the admission requirements of the College of Medicine at the University of Nebraska Medical Center. Students wanting to apply to other medical schools should check with those specific schools for additional requirements. Students should be aware of prerequisites on all courses and plan their coursework accordingly.
Pre-Mortuary Science

Offered by Health Science Programs (p. 413)

The program to be followed by pre-mortuary science students is largely determined by the requirements of the state in which they will practice and the mortuary school they will attend.

The following is based upon the state of Nebraska requirements (60 credit hours required) and requirements for regional mortuary science programs:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 250</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
</tbody>
</table>

ACCT 251 Principles of Accounting II 3
BIOL 211 Human Microbiology 4
ENG 101 Introduction of Academic Writing 3
ENG 102 Academic Writing and Research 3
FAMS 160 Personal Money Management 3
PSY 203 General Psychology 3
SOC 100 Introduction to Sociology 3
PSY 230 Human Development of Abnormal Behavior and Society 3

Select one of the following options: 8 Take two courses:

Biol 103 General Biology
Biol 215 Human Physiology

or

Take two courses:

Bioc 225 Anatomy and Physiology
Biol 226 Anatomy and Physiology

Select one of the following options: 8

CHEM 145 Introductory Chemistry
& CHEM 150 and Introduction to Organic and Biochemistry

or

CHEM 160 General Chemistry
& 160L and General Chemistry Laboratory

and

CHEM 161 General Chemistry
& 161L and General Chemistry Laboratory

Suggested electives to complete a 60 hour program 1 24
ACCT 311 Business Law I
MGT 301 Principles of Management
MGT 355 Organizational Behavior
CYBR 182 Software Productivity Tools
PSY 192 Death and Dying
SPCH 100 Fundamentals of Speech Communication

Total Credit Hours 68

1 When choosing electives, the student should check with the Mortuary Science Program to which he/she intends to apply in order to insure that all requirements are fulfilled. Also, the student should check the requirements of the state in which he/she plans to practice (if it is not Nebraska).

Pre-Nursing

Offered by Health Science Programs (p. 413)

The following two-year UNK Pre-Nursing Program is broadly designed to meet the College of Nursing requirements for the University of Nebraska Medical Center. Other requirements for admission include completion of 58 credit hours of pre-nursing pre-requisites with a grade of "C+" or better. Admission to the UNMC nursing program is competitive and based on scholastic record and personal recommendations. Students accepted to the program may complete the two-year nursing curriculum on the UNK campus in the Health Science Education Complex. The students will graduate with a Bachelor of Science in Nursing (BSN) from UNMC.

For more information on the BSN degree from UNMC, see UNMC College
of Nursing, Kearney Division (p. 439). Students applying to nursing schools other than the UNMC College of Nursing should consult with their advisor and check with those schools for specific course and admission requirements.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SOC 100</td>
<td>Introduction to Sociology</td>
<td>3</td>
</tr>
<tr>
<td>FAMS 150</td>
<td>Lifespan Development and the Family</td>
<td>3</td>
</tr>
<tr>
<td>or PSY 230</td>
<td>Human Development</td>
<td></td>
</tr>
</tbody>
</table>

Select 4 credit hours of the following:

- CHEM 145 Introductory Chemistry
- CHEM 150 Introduction to Organic and Biochemistry
- CHEM 160 General Chemistry
- CHEM 160L General Chemistry Laboratory

**MATH Requirement**

Select 3 credit hours of College Algebra or higher Math

**Microbiology**

- BIOL 211 Human Microbiology

**Nutrition**

- FAMS 110 Introduction to Nutrition

**Statistics**

Select 1 of the following:

- STAT 235 Introduction to Statistics for Social Sciences
- STAT 241 Elementary Statistics
- BIOL 305 BioStatistics
- MGT 233 Business Statistics

**Ethics**

Select 1 of the following:

- PHIL 120 Introduction to Ethics
- BIOL 311 Bioethics
- SOWK 172 Human Service Ethics and Experience

**Cultural, Race, Ethnicity or Gender**

Select one of the following suggested courses:

- GEOG 106 Human Geography
- HIST 250 American History
- HIST 251 American History
- SOC 225 Global Cultures and Diversity
- SOC 250 Anthropology

**Humanities**

Select one of the following suggested courses:

- ENG Literature
- ART 100 Art Structure
- ART 120 Art Appreciation
- MUS 100 Music Appreciation
- SPCH 100 Fundamentals of Speech Communication

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**Pre-Occupational Therapy**

Offered by Health Science Programs (p. 413)

The following pre-occupational therapy program is suggested for students interested in seeking admission to the occupational therapy program at Creighton University. Competition to gain a place in occupational therapy school is intense and cannot be guaranteed; students are expected to plan for a college major. Creighton University requires a baccalaureate degree for admission.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>THEA 120</td>
<td>Introduction to the Theatre</td>
<td></td>
</tr>
</tbody>
</table>

**Family and Human Behavior**

Select one of the following suggested courses:

- FAMS 151 Human Sexual Behavior
- FAMS 250 Infant Development
- FAMS 351 Marriage and Family Relationships
- SOC 430 Sociology of Family

**Political Science and Social Organization**

Select one of the following suggested courses:

- FAMS 160 Personal Money Management
- PSCI 110 Introduction to American Politics
- PSCI 170 Democracy as a Political Idea

**Free Electives**

Maximum of 12 credit hours can be P/NP, CLEP.

Total Credit Hours 58

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1 See Nursing Advisor for additional course selections. See Advisor for Additions, including Portal Courses.
These courses meet the requirements at Creighton University. Students should check with the specific school(s) to which they intend to apply to ensure all requirements are fulfilled. Requirements can vary greatly between different occupational therapy schools.

1 Students pursuing a program of study in pre-occupational therapy are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-occupational therapy program. This requires a major/Minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. (Students who are accepted into occupational therapy school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS Degree in Applied Health Sciences (p. 415) if they have completed all General Studies requirements (p. 460) and have at least 85 semester credit hours completed in pre-OT studies.)

2 Except HIST 188.

3 Students with sufficient preparation may enter the mathematics program at a higher level.

Pre-Optometry

Offered by Health Science Programs (p. 413)

The requirements for admission to colleges of optometry vary. A suggested program of study is listed below, but the student should check with the college of optometry of his/her choice for its specific requirements. A minimum of three years (90 credit hours) of pre-optometric study is required. However, in most cases a baccalaureate degree should be completed before matriculating into a college of optometry, especially since admission to a college of optometry is not guaranteed. The student is also expected to submit scores from the Optometry Admissions Test (OAT).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE 360</td>
<td>Introduction to Anatomical Biomechanics</td>
<td></td>
</tr>
<tr>
<td>TESE 421</td>
<td>Individuals with Exceptionalities</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Credit Hours: 37-38</td>
<td></td>
</tr>
</tbody>
</table>

A suggested program of study is as follows

Select one of the following options: 8

- BIOL 103 General Biology
- & BIOL 215 and Human Physiology

or

- BIOL 225 Anatomy and Physiology
- & BIOL 226 and Anatomy and Physiology
- BIOL 211 Human Microbiology

- CHEM 160 General Chemistry
- & 160L General Chemistry Laboratory

- CHEM 161 General Chemistry
- & 161L General Chemistry Laboratory

- CHEM 351 Biochemistry
- & 351L Biochemistry Lab

- CHEM 360 Organic Chemistry
- & 360L and Organic Chemistry Laboratory

- CHEM 361 Organic Chemistry
- & 361L and Organic Chemistry Laboratory

- ENG 101 Introduction of Academic Writing

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102</td>
<td>College Algebra 3</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 205L</td>
<td>and Physics Laboratory I</td>
<td></td>
</tr>
<tr>
<td>PHYS 206</td>
<td>General Physics II</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 206L</td>
<td>and Physics Laboratory II</td>
<td></td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>STAT 241</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 250</td>
<td>Introduction to Literature: British Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 251</td>
<td>Introduction to Literature: American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 252</td>
<td>Introduction to Literature: Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ENG 253</td>
<td>Intro to Literature: Non-Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 255</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 205L</td>
<td>and Physics Laboratory I</td>
<td></td>
</tr>
<tr>
<td>PHYS 206</td>
<td>General Physics II</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 206L</td>
<td>and Physics Laboratory II</td>
<td></td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>STAT 241</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 250</td>
<td>Introduction to Literature: British Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 251</td>
<td>Introduction to Literature: American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 252</td>
<td>Introduction to Literature: Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ENG 253</td>
<td>Intro to Literature: Non-Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 255</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
</tbody>
</table>

Pre-Pharmacy

Offered by Health Science Programs (p. 413)

A minimum of 64 semester hours is required by the University of Nebraska Medical Center’s College of Pharmacy. A student applying to a School of Pharmacy other than the University of Nebraska Medical Center should check with the school to ensure that other requirements are fulfilled. Competition to gain a place in pharmacy school is intense and cannot be guaranteed; students are expected to plan for a college major.

1 Students pursuing a program of study in pre-optometry are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-optometry program. This requires a major/Minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. (Students who are accepted into optometry school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS Degree in Applied Health Sciences (p. 415) if they have completed all General Studies requirements (p. 460) and have at least 85 semester credit hours completed in pre-OT studies.)

2 Some colleges of optometry will accept CHEM 250 in lieu of CHEM 360 & CHEM 361.

3 Students with sufficient preparation may enter the mathematics program at a higher level; however some schools do require two courses in mathematics. Most schools require a course in calculus.
Students pursuing a program of study in pre-pharmacy are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-pharmacy program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. (Students who are accepted into pharmacy school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS Degree in Applied Health Sciences (p. 415) if they have completed all General Studies requirements (p. 460) and have at least 85 semester credit hours completed in pre-pharm studies.)

### Pre-Physical Therapy

Offered by Health Science Programs (p. 413)

The educational requirements for admission to a physical therapy program vary from school to school. Many programs require a BS degree; some will accept applicants after three years of undergraduate education. The following courses are those required by the University of Nebraska Medical Center’s Division of Physical Therapy Education for admission to their program. These courses also meet the requirements for entry into the Creighton University Program in Physical Therapy. Students pursuing a pre-physical therapy program are also expected to pursue a college major.¹

Competition for places in professional schools of physical therapy is intense and admission is not guaranteed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>8</td>
</tr>
<tr>
<td>&amp; BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>8</td>
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<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 160L</td>
<td>and General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 161L</td>
<td>and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 351L</td>
<td>and Biochemistry Lab</td>
<td>4</td>
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<tr>
<td>CHEM 360</td>
<td>Organic Chemistry</td>
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<tr>
<td>&amp; 360L</td>
<td>and Organic Chemistry Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 361</td>
<td>Organic Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 361L</td>
<td>and Organic Chemistry Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 205L</td>
<td>and Physics I Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>Select 1 of the following: 4-5:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td>3</td>
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<tr>
<td>&amp; 301L</td>
<td>and Analytical Chemistry Lab</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 206</td>
<td>General Physics II</td>
<td>5</td>
</tr>
<tr>
<td>&amp; 206L</td>
<td>and Physics II Laboratory</td>
<td>5</td>
</tr>
</tbody>
</table>

### Oral and Written Communication

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

### Analytical Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>Select one of the following: 3-4:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 305</td>
<td>BioStatistics</td>
<td>3</td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>3</td>
</tr>
<tr>
<td>STAT 241</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

### General Education

Minimum 9 hours required with at least 6 hours coming from the following areas below. The remainder of hours can include non-required courses in the areas listed above.

- Business Management, Critical Thinking, Ethics, Fine Arts, Foreign Language, Gerontology, History, Humanities, Literature, Logic, Management, Philosophy, Political Science

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
</tbody>
</table>

Select one of the following: 3-4:

- BIOL 305 | BioStatistics                             | 3            |
- PSY 250 | Behavioral Statistics                     | 3            |
- STAT 241 | Elementary Statistics                     | 3            |
- PSY 230 | Human Development                         | 3            |
- or PSY 231 | Abnormal Behavior and Society             | 3            |

Select 3 credit hours of elective courses in social science² 3

Total Credit Hours 49-50

These requirements will fulfill the admission requirements at Creighton University School of Pharmacy. However, Microeconomics is also required by Creighton University and therefore, students should plan to take ECON 271 to cover that requirement. Students should consult the list of admissions requirements that are specific for Creighton.

Scores from the Pharmacy College Admissions Test (PCAT) must also be submitted to most programs, including UNMC and Creighton.
### Additional Requirements

- University of Nebraska Medical Center (UNMC) requires a Bachelor’s Degree for admission.
- Creighton University does not require a Bachelor’s Degree. Students must identify their major emphasis of study and satisfactorily complete 9 upper level (300/400) credit hours towards that emphasis prior to matriculation.
- Shadowing/Observation Requirements: Creighton University requires a minimum of 60 hours of observation supervised by a physical therapist. UNMC has no formal requirement for volunteer, observation, or employment experiences in the field of physical therapy. However, broad exposure to the field is to the applicant’s personal benefit and is encouraged.
- UNMC and Creighton University require students to submit scores from the Graduate Record Exam (GRE).
- Students applying to Schools of Physical Therapy outside Nebraska should check with those schools to ensure that other requirements are fulfilled.

1. Students pursuing a program of study in pre-physical therapy are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-physical therapy program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK general studies requirements and other degree requirements as set forth in the college catalog. (Students who are accepted into physical therapy school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS Degree in Applied Health Sciences (p. 415) if they have completed all General Studies requirements (p. 460) and have at least 85 semester credit hours completed in pre-PT studies.)

2. Appropriate options include courses in anthropology, community health, criminal justice, cultural geography, ethnic studies, human sexuality, marriage/family, personal health, psychology, social science, social work, sociology and women’s studies.

### Pre-Physician Assistant

Offered by Health Science Programs (p. 413)

A candidate for admission to the Physician Assistant Program at the University of Nebraska Medical Center in Omaha, NE, must have successfully completed a Bachelor’s Degree and the following required courses. The following courses will also fulfill requirements at Union College in Lincoln, NE. Students should check with other schools to which they intend to apply to ensure that all requirements are fulfilled.

The competition to gain acceptance to a physician assistant program is intense and admission is not guaranteed. Admission to a PA program is based on scholastic record, GRE scores, personal recommendations, an interview with members of the admissions committee, shadowing, exposure to health care, and other extra-curricular activities.

Due to the competitiveness, students pursuing a program of study in pre-physician assistant are expected to choose a major so that they can be working towards a baccalaureate degree concurrently with the pre-physician assistant program. This requires a major/minor combination or a comprehensive major as well as completion of the UNK General Studies requirements (p. 460) and other degree requirements as set forth in the college catalog.

#### Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225 &amp; BIOL 226</td>
<td>Anatomy and Physiology and Anatomy and Physiology</td>
<td>7-8</td>
</tr>
<tr>
<td>BIOL 215 &amp; PE 460</td>
<td>Human Physiology and Gross Anatomy of Movement</td>
<td>or</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
</tr>
<tr>
<td>or STAT 241</td>
<td>Elementary Statistics</td>
<td></td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160 &amp; 160L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 161 &amp; 161L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 250 &amp; 250L</td>
<td>Elementary Organic Chemistry and Elementary Organic Chemistry Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 351 &amp; 351L</td>
<td>Biochemistry and Biochemistry Lab</td>
<td>4</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 230</td>
<td>Human Development</td>
<td>3</td>
</tr>
<tr>
<td>PSY 231</td>
<td>Abnormal Behavior and Society</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one additional non-field biology course with a lab. 4

#### Electives

Select additional electives from the humanities and social sciences in areas such as psychology, sociology, critical reasoning, literature and foreign language. 2

#### Graduate Record Exam (GRE)

Scores from the GRE are required for admission to many physician assistant programs. See advisor for more information.

| Total Credit Hours | 54-55 |

Some physician assistant programs do not require a bachelor’s degree for admissions. However, students who are accepted into physician assistant school prior to completing a baccalaureate degree at UNK may be eligible to receive a BS Degree in Applied Health Sciences (p. 415) if they have completed all General Studies requirements (p. 460) and have at least 85 semester credit hours completed in pre-PA studies.

1. Students with sufficient preparation may enter the mathematics program at a higher level.

2. Other electives, including upper division biology and chemistry courses, are also recommended. BIOL 401 is highly recommended by the Physician Assistant program at UNMC. See advisor for other suggestions. (Except courses numbered 188 or 388.) Students should be aware of prerequisites on all courses and plan their coursework accordingly.

### Pre-Radiologic Technology

Offered by Health Science Programs (p. 413)
The following two year pre-radiologic technology program is based on the requirements for admission to the Division of Medical Imaging and Therapeutic Sciences at the University of Nebraska Medical Center (UNMC), and other affiliated professional/clinical training programs (see below). Admission to the clinical portion of the program is competitive and is not automatically assured by successful completion of pre-radiologic technology courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 325</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra 1</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 205 &amp; 205L</td>
<td>General Physics I and Physics I Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
<tr>
<td>STAT 241</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Take one of the following options: 4

- Take one course:
  - CHEM 145 Introductory Chemistry
  - OR
  - CHEM 160 General Chemistry
  - CHEM 160L General Chemistry Laboratory

**Electives**

All students must select 6 credit hours of elective courses in the humanities (3 credit hours) and social sciences (3 credit hours) 2

**Additional Course Requirements**

For Option 1 below: 15

Select 15 credit hours of elective courses for UNMC requirements 3

For Option 2 below: 38

Students pursuing a degree from UNK in Applied Health Sciences must complete the remainder of the General Studies requirements and additional elective hours to reach a minimum total of 70 credit hours as part of the pre-radiography program, as well as professional/clinical training.

While in professional/clinical training, students must take HSCI 475 - Health Sciences Internship in Radiography, 5 credit hours, every semester of professional/clinical training for a total of 25 credit hours.

**Professional/Clinical Training**

Upon completion of the required coursework, students will apply for a position in a two-year professional/clinical training program. Students have two options for professional/clinical training:

Option 1:

Students may apply to the Division of Medical Imaging and Therapeutic Sciences at the University of Nebraska Medical Center. If accepted, they will receive a Bachelor’s Degree from UNMC following completion of the program. Accepted students will be assigned to a UNMC professional/clinical training site. The options include Kearney, Omaha, and Columbus locations.

Option 2:

Students may also apply to an affiliated hospital-based professional/clinical training program. The University of Nebraska at Kearney is currently affiliated with five schools of radiography. These include Mary Lanning Hospital in Hastings; CHI Health in Omaha; Regional West Medical Center in Scottsbluff; Sanford Medical Center in Sioux Falls, SD; and Avera Sacred Heart Hospital in Yankton, SD. Students interested in the Bachelor’s Degree in Applied Health Sciences may be awarded 25 hours of credit upon completion of the professional/clinical training program. Students attending an affiliated hospital program are required to register for HSCI 475 every semester during professional/clinical training as stated above.

Total Credit Hours 120

1. Students with sufficient preparation may enter the mathematics program at MATH 123.
2. Appropriate options include courses in anthropology, art history, economics, history, philosophy, political science, psychology, and sociology.
3. These courses may include any science, math, humanities, and/or social sciences. See advisor.

**Public Health Minor**

Offered by Health Science Programs (p. 413)

The purpose of the interdisciplinary Public Health Minor is to allow students majoring in areas which directly or indirectly impact the health of populations to gain insight, knowledge and experience in the diverse field of public health. The objectives of this minor are:

- to acquaint the student with the core values of public health including assessment, policy development and assurance;
- to increase the students understanding and awareness of the importance of biological, chemical and other natural processes to disease and health;
- to provide the skills students need to become leaders in promoting health;
- to critique the value of existing programs, laws, and healthcare structure at local to global levels;
- to provide specific business knowledge relating to health care economics and marketing;
- to provide the skills students need to contribute to the changing field of public health through research, awareness and leadership.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 140</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 320</td>
<td>Global Health</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 110</td>
<td>Introduction to Epidemiology</td>
<td>3</td>
</tr>
</tbody>
</table>

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<td>Global Health</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 110</td>
<td>Introduction to Epidemiology</td>
<td>3</td>
</tr>
</tbody>
</table>
Electives
Select at least one course from each of the following groups for a minimum of 15 credit hours.

Group 1: Natural Science
- BIOL 211 Human Microbiology
- BIOL 215 Human Physiology
- BIOL 225 Infectious Diseases
- CHEM 145 Introductory Chemistry
- CHEM 150 Introduction to Organic and Biochemistry
- CHEM 160 General Chemistry & 160L General Chemistry Laboratory
- CHEM 300 Environmental Chemistry

Group 2: Business and Management
- ECON 410 Health Care Economics
- MGT 380 Human Resource Management
- MGT 440 Health Care Management I - Managing People Effectively
- MGT 441 Health Care Management II - Managing Processes Effectively
- MKT 336 Services Marketing

Group 3: Nutrition and Wellness
- FAMS 110 Introduction to Nutrition
- PE 150 Healthy Wealthy and Wise
- PE 329 Introduction to Health Promotions
- SFED 335 General Safety Education

Group 4: Cultural, Psychological, Social and other
- BIOL 325 Medical Terminology
- FAMS 150 Lifespan Development and the Family
- FAMS 351 Marriage and Family Relationships
- FAMS 481 Cross-Cultural Family Patterns
- PSY 192 Death and Dying
- PSY 231 Abnormal Behavior and Society
- PSY 462 Adult Development and Aging
- SOC 275 Social Psychology
- SOC 462 Sociology of Health and Illness
- SOWK 170 Introduction to Social Welfare
- SPAN 103 Spanish for Special Purposes (Medical)

Total Credit Hours: 24

The elective courses selected should be based on the need to provide a broader education for each student. Students interested in this degree MUST consult with a public health minor advisor to identify specific courses required to focus specific public health interests.

Pre-Respiratory Therapy
Offered by Health Science Programs (p. 413)

Students may receive a Bachelor of Science Degree in Applied Health Sciences from the University of Nebraska at Kearney after satisfactory completion of a program consisting of 85 semester hours of pre-respiratory therapy, UNK General Studies requirements, and a (12 month) professional/clinical training year at an affiliated School of Respiratory Therapy. Gaining acceptance into a respiratory therapy professional/clinical program is a very competitive process. Completion of the pre-requisite courses does not automatically guarantee admission. The following courses are required prior to application for the clinical training portion of the program:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 225</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 226</td>
<td>Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 325</td>
<td>Medical Terminology</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 160 &amp; 160L</td>
<td>General Chemistry and General Chemistry Laboratory</td>
<td>4</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>PE 265</td>
<td>Emergency Medical Response</td>
<td>2</td>
</tr>
<tr>
<td>PHYS 205 &amp; 205L</td>
<td>General Physics I and Physics I Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>PSY 203</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY 230</td>
<td>Human Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credit Hours: 44

General Studies
Completion of the pre-respiratory therapy courses and a respiratory therapy professional/clinical training program may lead to a Bachelor’s Degree in Applied Health Sciences from UNK. Therefore, students should also complete the remaining requirements for the UNK General Studies Program not covered by the Required Courses.

Respiratory Therapy Electives:
Take courses from the following list of electives to reach a total of 85 credit hours. A minimum of 5 hours must be upper division (300-400)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 110</td>
<td>Introduction to Epidemiology</td>
</tr>
<tr>
<td>BIOL 311</td>
<td>Bioethics</td>
</tr>
<tr>
<td>BIOL 461</td>
<td>Human Genetics</td>
</tr>
<tr>
<td>CSP 417</td>
<td>Counseling Skills</td>
</tr>
<tr>
<td>ECON 410</td>
<td>Health Care Economics</td>
</tr>
<tr>
<td>FAMS 110</td>
<td>Introduction to Nutrition</td>
</tr>
<tr>
<td>HSCI 125</td>
<td>Orient to Med Prof</td>
</tr>
<tr>
<td>HSCI 140</td>
<td>Introduction to Public Health</td>
</tr>
<tr>
<td>HSCI 300</td>
<td>Seminar in Health Sciences</td>
</tr>
<tr>
<td>MGT 380</td>
<td>Human Resource Management</td>
</tr>
<tr>
<td>MGT 440</td>
<td>Health Care Management I - Managing People Effectively</td>
</tr>
<tr>
<td>MGT 441</td>
<td>Health Care Management II - Managing Processes Effectively</td>
</tr>
<tr>
<td>MGT 450</td>
<td>Health Care Delivery: Systems and Policies</td>
</tr>
<tr>
<td>PE 329</td>
<td>Introduction to Health Promotions</td>
</tr>
</tbody>
</table>
PE 461  Physiology of Exercise
PSY 231  Abnormal Behavior and Society
PSY 313  Physiological Psychology
PSY 350  Ethics in Psychology
PSY 462  Adult Development and Aging
PSY 465  Psychopharmacology
SPCH 300  Interpersonal and Relational Communication
SPCH 332  Logic Argumentation and Reasoning
STAT 241  Elementary Statistics

May take one of the following:
SOC 225  Global Cultures and Diversity
SOC 420  Race and Minority Relations

Professional Training in Respiratory Therapy
Students must complete a one year professional/clinical training at an affiliated Hospital/School of Respiratory Therapy. Students must register for HSCI 475 - Health Science Internship: Respiratory Therapy, for 5 credit hours, every semester during the clinical training (fall and spring semesters) for a total of 10 credit hours. Students are awarded a total of 25 credit hours for the respiratory therapy training upon completion of the professional/clinical training program. The University of Nebraska is currently affiliated with the clinical program at Nebraska Methodist College in Omaha. Students in the Nebraska Methodist College program may complete the professional/clinical training in Kearney at Good Samaritan Hospital.

INTS 300 – Eastern European Studies  1-9 credit hours
The course is part of the Nebraska Semester Abroad program and is taught in the Czech Republic. The course includes the study of Eastern Europe, past and present, including Czech language study.
Total Credits Allowed: 9.00

INTS 301 – Greek and Eastern Mediterranean Studies  4 credit hours
This course is part of the Nebraska Semester Abroad program and is taught in Greece. The course includes the study of Greece and the Eastern Mediterranean, past and present, including Greek language study.

INTS 388 – GS Capstone  3 credit hours
This course is recommended by NE Methodist College.

INTS 400 – International Development Seminar  3 credit hours
This course is the first phase of participation in the International Community Service Program and will facilitate the preparation of selected students for service experience abroad using the expertise of many faculty, students, programs and activities at UNK.
Department Consent Required
Total Credits Allowed: 6.00

INTS 444 – International Studies Institute  1-12 credit hours
This course is designed to combine travel and study in an international setting. The credit offered will be based on length and type of program.
Department Consent Required
Total Credits Allowed: 3.00

INTS 445 – International Studies Field Study  1-6 credit hours
This course is designed to allow students to learn a wide variety of topics from scholars in international settings. Students who sign up for INTS 445 will attend lectures or courses at non-US universities or colleges. The credit offered will depend on the length and type of instruction available.
Total Credits Allowed: 12.00

INTS 470 – International Community Service  1-6 credit hours
This course offers UNK students an opportunity to work in service programs throughout the world and put what they have learned at UNK to use in a variety of programs.
Department Consent Required
Total Credits Allowed: 6.00

INTS 475 – Internship in International Studies  1-6 credit hours
This course is designed to give students experience in a work situation within their area of specialization and interest. Internships are normally student initiated and require approval of the Program Director. They may take place in the United States or abroad.
Total Credits Allowed: 6.00

INTS 200 – Introduction to International Studies  3 credit hours
Introduction to International Studies is an interdisciplinary course required of all international studies majors or as an elective for students who wish to deepen their understanding of an increasingly interdependent world and broaden their perspective on a variety of international topics. These include such topics as international politics and history, global environmental issues, international business and economics, comparative cultural studies and world literature.

INTS 300 – Eastern European Studies  1-9 credit hours
The course is part of the Nebraska Semester Abroad program and is taught in the Czech Republic. The course includes the study of Eastern Europe, past and present, including Czech language study.
Total Credits Allowed: 9.00

INTS 301 – Greek and Eastern Mediterranean Studies  4 credit hours
This course is part of the Nebraska Semester Abroad program and is taught in Greece. The course includes the study of Greece and the Eastern Mediterranean, past and present, including Greek language study.

INTS 388 – GS Capstone  3 credit hours
This course is recommended by NE Methodist College.

INTS 400 – International Development Seminar  3 credit hours
This course is the first phase of participation in the International Community Service Program and will facilitate the preparation of selected students for service experience abroad using the expertise of many faculty, students, programs and activities at UNK.
Department Consent Required
Total Credits Allowed: 6.00

INTS 444 – International Studies Institute  1-12 credit hours
This course is designed to combine travel and study in an international setting. The credit offered will be based on length and type of program.
Department Consent Required
Total Credits Allowed: 3.00

INTS 445 – International Studies Field Study  1-6 credit hours
This course is designed to allow students to learn a wide variety of topics from scholars in international settings. Students who sign up for INTS 445 will attend lectures or courses at non-US universities or colleges. The credit offered will depend on the length and type of instruction available.
Total Credits Allowed: 12.00

INTS 470 – International Community Service  1-6 credit hours
This course offers UNK students an opportunity to work in service programs throughout the world and put what they have learned at UNK to use in a variety of programs.
Department Consent Required
Total Credits Allowed: 6.00

INTS 475 – Internship in International Studies  1-6 credit hours
This course is designed to give students experience in a work situation within their area of specialization and interest. Internships are normally student initiated and require approval of the Program Director. They may take place in the United States or abroad.
Total Credits Allowed: 6.00

1 This course is recommended by NE Methodist College.

International Studies Program
The major/minor in International Studies are interdisciplinary and lead to a Bachelor of Arts degree. The program is designed for students preparing for graduate and pre-professional programs in civil service, foreign service, and foreign trade or for graduate work in international studies.

International Studies Major
One option is available in this major:

• International Studies (p. 430) - Bachelor of Arts Degree

International Studies also offers a minor (p. 429).
Carol Lilly, Director

International Studies (INTS)

INTS 90 – English Language Institute  1 credit hour
Total Credits Allowed: 3.00
Additional Course Fee Required
INTS 480 – Special Topics  1-3 credit hours
Topics and programs chosen from the area of International Studies not included in the normal offerings.
Total Credits Allowed: 3.00

INTS 490 – Directed Readings  1-4 credit hours
This course is directed independent readings in various topics in international studies. It is done under the supervision of the International Studies Program Director and directed by a University of Nebraska faculty member.
Department Consent Required
Total Credits Allowed: 4.00

INTS 496 – Senior Seminar in International Studies  3 credit hours
This interdisciplinary course serves as the capstone course for INTS majors. It will normally be organized around a given topic or set of topics appropriate to International Studies chosen by the instructor and culminating in a final paper or project. The course may also include a study abroad or service learning/internship component.
Total Credits Allowed: 12.00

International Studies Minor
Offered by International Studies Program (p. 428)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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<tr>
<td>INTS 200</td>
<td>Introduction to International Studies</td>
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<td>GEOG 104</td>
<td>World Regional Geography</td>
<td>3</td>
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<td>Select one course above 201 in student’s non-native language</td>
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<td>PSCI 140 Democracies Around the World</td>
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<td></td>
<td>SOC 225 Global Cultures and Diversity</td>
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<td></td>
<td>or SOC 250 Anthropology</td>
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<td>ENG 253 Intro to Literature: Non-Western Civilization</td>
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<td>ECON 100 Contemporary Economic Issues</td>
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<td>or ECON 270 Principles of Economics, Macroeconomics</td>
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<td>or ECON 271 Principles of Economics, Microeconomics</td>
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<td>Art of Baroque and Rococo Era</td>
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<td>History of 19th Century Art</td>
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<td>PHIL 314</td>
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<td>20th &amp; 21st Century Political Thought</td>
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<td>SPCH 454</td>
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</table>

Total Credit Hours: 24

1. The prerequisites for these courses are fulfilled by the BA Language requirement.
   Students who choose a B.S. degree may substitute an additional upper division elective from the list above for the foreign language class.

2. Students should be aware of the prerequisites for upper level courses and plan their coursework accordingly.

3. Some 300-level and all 400-level ART electives listed have a prerequisite of ART 222. All 300- and 400-level ENG electives listed have a prerequisite of ENG 234. All 300- and 400-level FREN electives listed have a prerequisite of FREN 201. All 300- and 400-level GERM electives listed have a prerequisite of GERM 201. All 300- and 400-level SPAN electives listed have a prerequisite of SPAN 205.

International Studies, Bachelor of Arts

Offered by International Studies Program (p. 428)

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<td>If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.</td>
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<tr>
<td>Aesthetics (p. 460)</td>
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<tr>
<td>Humanities (p. 464)</td>
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<tr>
<td>Social Sciences (p. 465)</td>
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</table>
Natural Sciences (p. 464) 7
Analytical and Quantitative Thought (p. 460) 0
Wellness (p. 466) 0
Needed to reach 27 credit hour minimum in Distribution 2
Capstone
Select one course numbered 388 (p. 461) 3

**BA Language requirement**
Complete all required courses 1

**Major Option**
Complete all required courses 36

**Minor or 2nd Major**
Complete all required courses 2 24

**Unrestricted electives**
Needed to reach 120 credit hours minimum 9

**Total Credit Hours** 120

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### Major Option

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<td>GEOG 104</td>
<td>World Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>INTS 496</td>
<td>Senior Seminar in International Studies</td>
<td>3</td>
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</tbody>
</table>

Select one course above 201 in student’s non-native language 3

### International Studies Electives

- Select one thematic and one area studies/geographic option. The purpose of the geographic option within the program is to expand the student’s knowledge beyond their home culture. Students will select each option in agreement with the Program Director.

#### Thematic Options 12-15
- Global Society and Politics (p. 431)
- Global Culture, Identities and the Arts (p. 431)
- Global Economics, Trade, and Development (p. 432)

#### Area Studies Options 9-12
- Europe (p. 433)
- Latin America (p. 434)
- Non-West (p. 434)
- North America (p. 434)

**Total Credit Hours** 36

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### Thematic Options

#### Global Society and Politics

Select 3 credit hours of the following:
- PSCI 140 Democracies Around the World 3
- PSCI 168 Introduction to International Relations
- GEOG 106 Human Geography

Select 9-12 credit hours from at least 2 different subject areas:
- CJUS 350 Organized Crime 9-12

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### Global Culture, Identities and the Arts

Select 3 credit hours of the following:
- SOC 225 Global Cultures and Diversity 3
- SOC 250 Anthropology
- ENG 253 Intro to Literature: Non-Western Civilization
Select 9-12 credit hours from at least 2 different subject areas:

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<td>Art History Survey I</td>
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PSCI 345 Politics of the Developing World
PSCI 346 Latin American Politics
PSCI 347 Comparative Political Behavior
PSCI 369 International Political Economy
PSCI 390 Politics & Culture of Asia
RE 444 Issues in Recreation and Leisure
RE 485 Research in Tourism, Recreation and Sport
SOC 225 Global Cultures and Diversity
SOC 410 Globalization and Development
SOWK 420 Diversity and Social Justice
SOWK 470 International Social Work Experience
SPCH 445 Diffusion of Innovations

Total Credit Hours: 12-15

Area Studies Options

Europe

Select 9-12 credit hours from two different subject areas: 9-12

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<tr>
<td>PSCI 345</td>
<td>Politics of the Developing World</td>
<td>9-12</td>
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<tr>
<td>PSCI 347</td>
<td>Comparative Political Behavior</td>
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<tr>
<td>PSCI 390</td>
<td>Politics &amp; Culture of Asia</td>
<td>9-12</td>
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</table>
Military Science Program

Military Science is the US Army ROTC program offered at the University of Nebraska at Kearney. Its objective is:

- to attract, motivate, prepare, graduate and commission students with leadership potential to serve as commissioned officers in the Regular Army or the US Army Reserve and National Guard components;
- to provide an understanding of the fundamental concepts and principles of Military Science;
- to develop leadership and managerial skills;
- to develop a basic understanding of associated professional knowledge with a strong sense of personal integrity, honor, and individual responsibility; and
- to develop an appreciation of the requirements for national security.

Through Military Science classes and the ROTC program, the student who desires a commission may earn one while pursuing a degree.

The Reserve Officers Training Corps is a cooperative effort contractually agreed to by the Army and the University of Nebraska as a means of providing junior officer leadership in the interests of national security. It ensures that students educated in a broad spectrum of American institutions of higher learning are commissioned annually in the Army officer corps.

At the University of Nebraska at Kearney, Military Science is an elective program that a student may schedule in the same manner as any other elective course. The four-year program consists of a basic course, taken during the freshman and sophomore years, and an advanced course, taken during the junior and senior years. Academic credits earned may apply toward the student’s degree, depending on the discipline. The program provides leadership training designed to qualify graduates for civilian careers in executive and management positions, or as commissioned officers in the US Army. The ROTC program promotes the mental, physical, moral, and leadership development of students.

Financial Assistance

Four-year ROTC scholarships are offered on a competitive basis through a national selection board process to high school seniors who plan to attend the University of Nebraska at Kearney and enroll in ROTC. Two-year to 3.5-year scholarships are available to qualified
full-time undergraduate students actively participating in ROTC. Each scholarship could cover the cost of tuition or be used for room and housing (worth $5,000 per semester). A stipend of $600 (tax-free; you keep the leftover money) per semester will be awarded for books and supplies to scholarship cadets also. Lastly, all contracted cadets will receive an allowance of $420 per month (tax free) for the school year.

In addition, a sum of approximately $850 is received while attending Advance Camp. Contact the department chair for further information regarding scholarships.

**Obligations**

ROTC graduates incur one of several obligations. As commissioned officers, they may serve years in a part-time status in the National Guard or Reserve component for 6 to 8 years. A second option is to serve on active duty followed by service in the Reserve Forces for a total service of eight years. The third option is to become a Regular Army officer for 3 to 4 years.

**Curriculum**

Military Science is not an academic major. Students earn commissions at the same time they earn an academic degree in any discipline of their choice. Credits earned through the Army ROTC program may apply toward a student’s bachelor’s degree. The curriculum cuts across conventional subject boundaries and becomes interdisciplinary. It encourages reflective thinking, goal seeking, and problem solving.

Basic and advanced courses in Military Science are listed each semester in the University’s Schedule of Classes. In the basic course, students earn from 1 to 2 credit hours each semester; in the advanced course, 3 credit hours each semester. A total of 24 credit hours can be earned over the four academic years. Uniforms, textbooks, and equipment are furnished at no cost to the student.

**Leadership Training**

Leadership training is required each semester as part of the Military Science curriculum. This training is accomplished through a leadership laboratory conducted two hours each week and one field training exercise each semester.

In the basic course, an understanding of teamwork and leadership techniques is developed. This foundation in leadership is enhanced through practical application in rappelling, land navigation and map reading, marksmanship, personal defense activities, survival swimming, military weapons training, drill and ceremony, leader reaction exercises, and simulated small unit tactical exercises in field situations.

Advanced course students plan, organize, and conduct the basic course leadership training program, field exercises, and enrichment activities. Leadership and managerial skills are further developed through these activities.

**Enrollment in Military Science**

Military Science academic (basic) courses may be taken for credit by any University of Nebraska at Kearney student with United States Citizenship. Military Science advanced courses may only be taken by students who have contracted to earn a commission.

Students register for Military Science courses in the same manner as for any other accredited University course.

**Credit for Military Science**

Students who have completed initial entry training in one of the armed services, Army Reserves, or Army National Guard, or attended one of the service academies may be granted partial or full credit for the basic course and enrolled in the advanced course. Additional credit for active military service or academy attendance may be granted by the Professor of Military Science.

ROTC credit earned at other universities or colleges is transferable to the University of Nebraska. Students who have participated in junior ROTC in high school for three years may be granted credit for the basic course and enrolled in the advanced course. Some credit is authorized for less than three years in junior ROTC upon review by the Professor of Military Science.

**Obligations**

There is no service obligation incurred by taking ROTC in the freshman or sophomore year (basic course). If selected for and enrolled in the advanced course, the student will sign a contract with the U.S. government to complete the remaining two years of ROTC and to accept a commission as a second lieutenant, if offered, upon graduation and completion of ROTC program.

ROTC graduates incur one of several obligations. As commissioned officers, they may serve on active duty for a minimum period of three months for branch qualification and the remainder of eight years in an active Reserve component. A second option is to serve on active duty followed by service in the Reserve Forces for a total service of eight years. The third option is to become a Regular Army officer.

**Advanced Camp**

Advanced course students must attend Advanced Camp, normally during the summer between their junior and senior year. At the discretion of the Professor of Military Science, attendance may be postponed until the end of the advanced course.

Advanced Camp consists of practical application of instruction that has been given by the ROTC program at the University. Students are placed in rotational leadership positions and lead others in the practice of land navigation, and employ the tactics they have learned. Cadets are evaluated in a variety of potentially stressful leadership situations. Leadership is emphasized. Students are paid travel expenses to and from the course and, in addition, receive pay of approximately $850 while there. All accommodations, clothing, and food are furnished.

**Two-year Program**

This program accommodates students already enrolled at or transferring to the University of Nebraska who have not taken the basic course. Students enrolled in the two-year program may select one of several options. The first and best option is to successfully complete Basic Camp (BC) during the summer before entering the advanced course. Students are paid travel expenses to and from BC. They receive approximately $850 in pay and free room and board. No military or ROTC obligation is incurred by BC attendance. A second option is to take both the first-year and second year basic course programs at the same time. Any one of these options substitutes for the two-year basic course program. Upon entering the advanced course the two-year student takes the same curriculum as all other advanced course students.
Supplementary Programs

Simultaneous Membership Program (SMP)
Provisions of SMP permit full-time college students with two and, on a case-by-case basis three, years of college remaining to actively participate concurrently in the ROTC advanced course and a National Guard or Army Reserve unit.

Once accepted into the program, the students enroll in Army ROTC courses along with those courses required for degree completion. The students meet with the National Guard or Army Reserve one weekend each month and serve as a non-deployable officer trainee with a minimum pay grade of E-5 or higher and earn approximately $210. The $420 monthly allowance for regular contracted cadets is still received from ROTC tax free. Participation in SMP will not interfere with other college assistance students may be receiving.

Upon successful completion of the training program and graduation, students will be eligible for a commission as a second lieutenant in the active Army, Army Reserve, or National Guard.

Airborne/Air Assault/Northern Warfare/Mountain Warfare Schools
Interested and qualified cadets may volunteer for these summer schools which take place on active army posts. These are taken for increased professional development.

Cadet Troop Leader Training (CTLT)
For selected advanced course cadets, three to four weeks of supplementary training are available in a junior officer position within an active Army unit after attending the Leader Development and Assessment Course. Selectees are given experience with command, training, administrative, and logistical functions of a company-level unit, and exposure to the on-duty and off-duty environment of junior officers.

Extracurricular Activity Programs
Ranger Challenge Team, Ranger Company, Antelope Artillery, and Color Guard offer activities to enhance social, professional, and fellowship opportunities while attending the University.

The minor in Military Science (p. 438) is available for students pursuing majors in other disciplines.

Damien Cullen, Chair
Instructors: Jamie Peer, Cameron Araujo, Rick Helton

Military Science (MLSC)
MLSC 101 – Foundations of Officership 1 credit hour
This course addresses the issues and competencies central to a commissioned officer’s core responsibilities and to leadership in general. Life skills that are addressed specifically are values, physical fitness, time management, stress management and decision making processes. (Military membership is not required nor is any military obligation incurred.) MLSC 101L is required with this course.
Department Consent Required
Prerequisite: Permission of instructor.
Corequisite: MLSC 101L.

MLSC 101L – Leadership Laboratory I 1 credit hour
This lab provides challenging, hands on learning environment through practical exercises and activities in military officership skill development. Students will develop confidence and learn the importance of teamwork in goal accomplishment. Activities may include rappelling, land navigation and map reading, rifle marksmanship, survival training, personal defense, survival swimming, military weapons, military drill, and first aid. (Military membership is not required nor is any military obligation incurred.)
Corequisite: MLSC 101.

MLSC 102 – Basic Leadership 1 credit hour
This course is a study of the foundations of leadership. Students will gain an understanding of problem solving, communications, military briefings, effective writing, goal setting, physical well-being, and techniques for improving listening, speaking and counseling. (Military membership is not required nor is any military obligation incurred.) MLSC 102L is required with this course.
Prerequisite: MLSC 101 or permission of instructor.
Corequisite: MLSC 102L.

MLSC 102L – Leadership Laboratory II 1 credit hour
This lab allows students to observe and participate in challenging, hands on learning environment through practical exercises and activities in military officership skill development. Students will develop confidence and learn the importance of teamwork in goal accomplishment. Activities may include land navigation and map reading, survival training, personal defense, military weapons, military drill, first aid, tactics, and squad level exercises. (Military membership is not required nor is any military obligation incurred.)
Corequisite: MLSC 102.

MLSC 201 – Individual Leadership Studies 2 credit hours
This course is a study of the functions, duties and responsibilities of junior leaders through the assignment of team leader positions within the cadet corps chain of command. Emphasis is on the application of leadership skills in both military and civilian leadership roles. Leadership skills including communications, effective writing, leadership core competencies, military briefings, advanced land navigation and map reading, and leadership styles are addressed. (Military membership is not required nor is any military obligation incurred.) MLSC 201L is required with this course.
Prerequisite: MLSC 101 or MLSC 102 or permission of instructor.
Corequisite: MLSC 201L.

MLSC 201L – Leadership Laboratory III 1 credit hour
Second year leadership lab continues the development of confidence, military skills, and a sense of teamwork. Students will be assigned junior leadership roles within the cadet corps chain of command for practical experience on activities and exercises.
Corequisite: MLSC 201.

MLSC 202 – Leadership and Teamwork 2 credit hours
A study of the fundamental leadership techniques used to build effective teams. Activities and study will center of the role of the commissioned officer and non-commissioned officer in leadership. This course will also include the study of effective communications within groups, creativity in problem solving and how to motivate subordinates and peers. These skills will be applied in the context of military environments such as Army tactics, squad level exercises, team level exercises and land navigation and map reading. All students will be evaluated on leadership skills in a mentoring environment for further development. (Military membership is not required nor is any military obligation incurred.)
Prerequisite: MLSC 201 or permission of instructor.
MLSC 202L – Leadership Laboratory IV  1 credit hour
Second-year leadership laboratory continues to be the development of confidence, military skills and a sense of teamwork. Maybe selected to fill leadership positions in the cadet corps. The variety of activities parallels those during the first year of the laboratory. (Military membership is not required nor is any military obligation incurred).
Total Credits Allowed: 2.00

MLSC 301 – Leadership and Problem Solving  2 credit hours
Conduct self-assessments of leadership style, develop a personal fitness regimen, and plan and conduct individual/small unit tactical training, while testing reasoning and problem solving techniques. Direct feedback on leadership abilities.
Department Consent Required
Total Credits Allowed: 4.00

MLSC 301L – Leadership Laboratory V  1 credit hour
This leadership laboratory consists of placement in leadership positions within the cadet corps organization, providing a greater challenge while building on the confidence and skills developed during the MLSC 101, 102, 201, 202. Concentration of physical conditioning and the furthering of military skills development particularly with respect to small unit tactics and individual military weapons. Practical exercises in preparation for summer Leadership Development and Assessment Course and leadership responsibilities of the final year.
Total Credits Allowed: 2.00
Corequisite: MLSC 301

MLSC 302 – Leadership and Ethics  2 credit hours
This course will use advanced small unit operations and tactical communications to improve student leadership skills. Students will explore the role of communications, values, and ethics in effective leadership. Students will also investigate ethical decision making, consideration of others, spirituality in the military and Army leadership doctrine. Additionally, students will improve written and oral communications by preparing and issuing orders and will receive direct feedback on leadership abilities.
Total Credits Allowed: 4.00
Prerequisite: MLSC 301 or permission of instructor

MLSC 302L – Leadership Laboratory VI  1 credit hour
This leadership laboratory consists of placement in leadership positions within the cadet corps organization, providing a greater challenge while building on the confidence and skills developed during the MLSC 101, 102, 201, 202, 301. Concentration of physical conditioning and the furthering of military skills development particularly with respect to small unit tactics and individual military weapons. Practical exercises in preparation for summer Leadership Development and Assessment Course and leadership responsibilities of the final year.
Total Credits Allowed: 2.00
Corequisite: MLSC 302.

MLSC 336 – ROTC Internship  6 credit hours
This course grants academic credit for participation at LDAC in Ft. Lewis, Washington. LDAC consists of practical application of cadet leadership and academic knowledge. First aid, survival training, and physical conditioning techniques are also evaluated in a military environment using equipment and resources not available on campus. LDAC is conducted during the summer session and lasts four weeks.
Department Consent Required
Total Credits Allowed: 6.00

MLSC 399 – Independent Study  1-3 credit hours
Academic credit can also be earned by successful completion of four weeks of summer leadership training at the Leader’s Training Course, Ft. Knox, Kentucky. Opportunity to expand study of the Army beyond the levels presented in programmed courses. Studies may approach military leadership, military history or contemporary issues from a broad perspective or more narrowly defined in-depth analysis.
Department Consent Required
Total Credits Allowed: 6.00

MLSC 401 – Developing Adaptive Leaders  2 credit hours
This course develops the student and his/her proficiencies in planning and executing complex operations, functioning as a member of a battalion staff and mentoring subordinates. The course focuses on training management, methods of effective staff collaboration, and developmental counseling techniques. Professionalism and ethics provide the student with opportunities to assess risk and make ethical decisions.
Prerequisite: MLSC 302

MLSC 401L – Leadership Laboratory VII  1 credit hour
This leadership laboratory provides the opportunity to practice leadership and manager skills through practical application. Leadership laboratory programs are developed, planned, and conducted by the students registered in this laboratory.
Total Credits Allowed: 2.00
Corequisite: MLSC 401.

MLSC 402 – Leadership in a Complex World  2 credit hours
This course includes case study analysis of military law and practical exercises in establishing an ethical command climate. Students will complete a semester-long Senior Leadership Project that requires: planning, organizing, collaborating, analyzing and demonstrating leadership skills. This course will prepare the student for Basic Officer Leader Courses II & III and for leadership in complex situations in the contemporary operating environment.
Prerequisite: MLSC 401

MLSC 402L – Leadership Laboratory VIII  1 credit hour
This leadership laboratory provides the opportunity to practice leadership and manager skills through practical application. Leadership laboratory programs are developed, planned, and conducted by the students registered in this laboratory.
Total Credits Allowed: 2.00
Corequisite: MLSC 402.

MLSC 499 – Independent Study  1-3 credit hours
Academic credit can also be earned by successful completion of professional development programs such as Airborne, Air Assault, Northern Warfare, Mountain Warfare or Cadet Troop Leading Training. Opportunity to expand study of the Army beyond the levels presented in programmed courses. Studies may approach military leadership, military history or contemporary issues from a broad perspective or more narrowly defined in-depth analysis.
Department Consent Required
Total Credits Allowed: 6.00

Military Science Minor
Offered by Military Science Program (p. 435)
Nursing, University of Nebraska Medical Center College of Nursing, Kearney Division

Note: Because of the competitive admissions process to the College of Nursing, it is strongly recommended that students interested in nursing contact their pre-nursing advisor or one of the five campuses for current information and advising. The following information is an overview of the College of Nursing. More detailed information is available in the Bulletin of the College of Nursing which may be obtained from the Student Advisor on one of the five College of Nursing campuses.

University of Nebraska Medical Center programs are accredited by the Higher Learning Commission. All programs of the College of Nursing are accredited by the Commission on Collegiate Nursing Education (CCNE). The nursing program is also approved by the Nebraska Board of Nursing. The purpose of this baccalaureate nursing program is to prepare the graduate for entry into professional nursing practice as a generalist and to provide a foundation for graduate education in nursing.

A total of 120 credit hours are required for completion of the Bachelor of Science in Nursing (p. 441) (BSN) Program at the University of Nebraska Medical Center College of Nursing (CON)-Kearney Division.

BSN Purpose

The undergraduate nursing program at UNMC-CON is committed to quality higher education and a learning environment which promotes personal development, scholarship, and competent practitioners who are skilled in the caring art and science of nursing. The graduate of this program is prepared for entry into nursing practice as a generalist with emphasis on the roles of provider of health care, coordinator of health care, and member of the nursing profession.

Graduate Program

The University of Nebraska Medical Center College of Nursing offers graduate programs leading to Doctor of Nursing Practice (DNP) and doctor of philosophy (PhD) degrees. The masters student enters with an interest in a chosen field of clinical nursing and basic clinical competence. The masters program offers several nurse practitioner options, clinical nurse specialist options and a health systems administration option. The doctoral student enters with clinical competence in a chosen field of nursing and an interest in a specific area of research.

The DNP is the highest practice-focused degree in nursing, designed to prepare experts in specialized advanced practice nursing. DNP programs focus heavily on practice that is innovative and evidence-based, reflecting the application of credible research findings.

Graduate-level nursing courses are offered by the graduate faculty at the College of Nursing. All programs of study are planned with the major advisor after acceptance into the graduate program.

Registered Nurses

The College of Nursing offers an advanced placement program for registered nurses leading to a bachelor of science in nursing. Interested RNs should contact the Student Services Advisor, Health Sciences Education Complex, for details.

Goals

As a provider of health care, the baccalaureate generalist integrates scientific, conceptual and nursing practice competencies from the domains of knowing, relating and developing that are common to nursing and human experience.

As a coordinator of health care, the baccalaureate generalist employs managerial, nursing practice and professional competencies to promote comprehensive cost-effective and meaningful health care for consumers in diverse health care environments.

As a member of the profession of nursing the baccalaureate generalist displays a professional ethic and behaviors reflective of the social responsibility and caring tradition of nursing.

Admission to the BSN Program

Admission Policies

Applications for admission to the College of Nursing are welcomed from women and men who are interested in preparing for a career in nursing. In accordance with university policy, UNMC prohibits the denial of admission on the basis of race, color, sex, national origin, age, handicap, or religious or political beliefs.

Preference for admission may be given to Nebraska residents. Admission is competitive based on grade point averages of pre-nursing college/university work. Applicants must be able to meet eligibility requirements for licensure to practice nursing in Nebraska. Persons who have criminal records, substance abuse problems or health problems that could interfere with safe practice may be ineligible for licensure. Applicants must submit a disclosure statement prior to admission and complete a background check prior to enrollment. Admission may be denied or rescinded based on a review of the background check and disclosure statement.

A freshman student who wishes to pursue a pre-nursing course of study at the University of Nebraska at Kearney (UNK) should make application to UNK as a pre-nursing student. While completing his/her pre-nursing requirements, the student applies for admission to the UNMC-CON. Admission into the major is competitive and the student may indicate a preference for one of five campuses: Kearney, Norfolk, Omaha, Lincoln, or West Nebraska in Scottsbluff.

A pre-nursing student may request information regarding admission to the nursing program from the office of the College of Nursing Kearney Division.
Division located in the Health Science Education Complex (Phone: (308) 865-8322).

**English Proficiency for Applicants Whose Native Language is not English**

For applicants whose first language is not English, the Test of English as a Foreign Language (TOEFL) OR the Pearson (PTE) is required. Test results must be recent (within two years prior to UNMC application). An official score report must be received by the campus to which the student is applying.

Minimum scoring standards:

- Internet-based TOEFL (IBT): minimum score of 22 in the reading, listening, and writing sections and a minimum score of 26 in the speaking section.
- Pearson Test of English (PTE): minimum score of 59 in the reading, listening, and writing sections and a minimum score of 71 in the speaking section.

**Clinical Facilities-Kearney Campus**

The College of Nursing, Kearney Campus, utilizes a variety of health agencies throughout the Kearney area for clinical learning and experience. Cooperating community agencies include: CHI Health Good Samaritan Hospital, CHI Health Richard Young Hospital, St John Good Samaritan Center, St Luke's Good Samaritan Village, St Francis Hospital, Grand Island, NE; Mary Lanning Hospital, Hasting, NE. All students complete a rural health experience. All clinical course work is under the direct supervision of the College of Nursing faculty.

**Transfer Credit**

Usually credit earned from an accredited college is acceptable to the University of Nebraska. Grades from other than a University of Nebraska campus must be at least 2.0 (C) if the course is to be accepted for transfer credit by the College of Nursing. The College of Nursing reserves the right to evaluate all credit hours submitted on an application. Transfer credit hours are recorded with no grade or quality points assigned.

Applicants from other than University of Nebraska campuses will receive credit in the program based on the transferable college credit hours they present which are equivalent to the College of Nursing program requirements. It is emphasized that even though courses and credit hours may transfer, the College of Nursing is the final authority on how these courses and credit hours apply toward a degree in nursing.

Credit earned more than ten years prior to application for admission will be evaluated. Applicant may be required to repeat selected courses, or validate knowledge through challenge examinations.

**Financial Aid**

Following admission to the College of Nursing, all financial aid for nursing students is disbursed through the UNMC Financial Aid Office, Box 984265, Nebraska Medical Center, Omaha, NE 68198-4265. Application materials are obtained from that office.

**Technical Standards for the Undergraduate Program**

All candidates must meet minimum technical standards to function successfully as students and later as practitioners of nursing. The following general abilities have been identified as necessary to meet the technical standards for admission.

The student must possess the functional use of the senses of sight, hearing, touch, and smell. He/she must also possess a sense of equilibrium along with sufficient motor function to carry out activities required in nursing. Additionally, the student must possess the communication and intellectual skills to perform the assessment and intervention activities required in providing nursing care.

These general abilities will be required to meet the objectives of undergraduate courses and will be evaluated throughout the program.

**Admission Requirements**

For admission requirements, please visit: www.unk.edu/academics/nursing/admission-requirements.php (http://www.unk.edu/academics/nursing/admission-requirements%20.php).

**Application Process**

Application information about the College of Nursing can be obtained online at www.unmc.edu/nursing (http://www.unmc.edu/nursing). Applicants may obtain additional information through the Student Services Advisors of the College of Nursing (Kearney Division 308/865-8322).

The application for admission includes the following:

- An online application,
- Two recommendations,
- Official transcripts of ALL university/college work and any other educational institutions attended since graduation from high school, as well as
- Scores from TOEFL or PTE for English as a Second Language Students.

Students with a minimum cumulative college grade point average of 3.0 (B) may apply for admission. Since the College of Nursing cannot admit more students than it has resources to accommodate, admission is competitive based on prerequisite course GPA and course completion; therefore it is in the best interest of the student to complete as many of the non-nursing courses with the best GPA as possible. **A course grade of "C" and below in any of the pre-nursing prerequisite courses is not acceptable to the UNMC College of Nursing.** Final admission is dependent upon successful completion of all prerequisites and all admission requirements.

Applications are accepted once a year by February 1. The starting date for the program is late August. Applications are reviewed in March, and enrollment may be limited by educational resources available.

Transcripts and all other materials submitted in support of an application become the permanent property of the university and will not be returned.

Applicants who are enrolled in pre-nursing at the University of Nebraska-Lincoln, University of Nebraska at Kearney, or University of Nebraska at Omaha must authorize the transfer of records and transcripts by completing the “Change of Campus” form.

Following acceptance, and prior to enrollment, the student must provide:

- immunization information,
- verification of CPR for Health Professionals certification,
- proof of certified nurses assistant certification, on the Nebraska DHHS Nurse Aide Registry, and
- completed disclosure and background check.
Acceptance is not final until these requirements are met. Students are required to have current immunizations and CPR certification throughout the program. All students with 7 or more credit hours are required to carry health insurance. Finally, each student admitted to the College of Nursing must meet with the Student Services Advisor on his or her campus to file a projected plan of study.

**Nursing Major**

1. Pre-Nursing (p. 421)

Cathrin Carithers, Assistant Dean

Faculty: Atwood, Burge, Dillon, Ealy, Ellermeier, Florell, Girard, Haas, Hines, Kaestner, Mertz, Nelson, Reed, Stuart, Waibel-Rycel, Wahl, Wehrman, Werner, Wunder

Student Services Coordinator: Hilary Christo

Simulation Specialist: Christine Jackson

Learning Resource Center Coordinator: Diane Feldman

Administrative Assistant: Gloria Geiselman

Office Assistant: Cynthia Taylor

**Pre-Nursing**

Offered by Health Science Programs (p. 413)

The following two-year UNK Pre-Nursing Program is broadly designed to meet the College of Nursing requirements for the University of Nebraska Medical Center. Other requirements for admission include completion of 58 credit hours of pre-nursing pre-requisites with a grade of "C+" or better. Admission to the UNMC nursing program is competitive and based on scholastic record and personal recommendations. Students accepted to the program may complete the two-year nursing curriculum on the UNK campus in the Health Science Education Complex. The students will graduate with a Bachelor of Science in Nursing (BSN) from UNMC. For more information on the BSN degree from UNMC, see UNMC College of Nursing, Kearney Division (p. 439). Students applying to nursing schools other than the UNMC College of Nursing should consult with their advisor and check with those schools for specific course and admission requirements.

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>Pre-Nursing Requirements</td>
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<td>MATH requirement</td>
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<td>ENG 101</td>
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<td>General Psychology</td>
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<td>Introduction to Sociology</td>
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<td>CHEM 150</td>
<td>Introduction to Organic and Biochemistry</td>
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<td>CHEM 160</td>
<td>General Chemistry</td>
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<td><strong>Microbiology</strong></td>
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<td>STAT 241</td>
<td>Elementary Statistics</td>
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<td>BIOL 305</td>
<td>BioStatistics</td>
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<tr>
<td>MGT 233</td>
<td>Business Statistics</td>
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<td>PHIL 120</td>
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<td>BIOL 311</td>
<td>Bioethics</td>
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<td>SOWK 172</td>
<td>Human Service Ethics and Experience</td>
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<td><strong>Cultural, Race, Ethnicity or Gender</strong></td>
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<tr>
<td>Select one of the following suggested courses:</td>
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<tr>
<td>GEOG 106</td>
<td>Human Geography</td>
<td></td>
</tr>
<tr>
<td>HIST 250</td>
<td>American History</td>
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<tr>
<td>HIST 251</td>
<td>American History</td>
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<tr>
<td>SOC 225</td>
<td>Global Cultures and Diversity</td>
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<tr>
<td>SOC 250</td>
<td>Anthropology</td>
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<tr>
<td><strong>Humanities</strong></td>
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<tr>
<td>Select one of the following suggested courses:</td>
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<tr>
<td>ENG Literature</td>
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<tr>
<td>ART 100</td>
<td>Art Structure</td>
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<tr>
<td>ART 120</td>
<td>Art Appreciation</td>
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<tr>
<td>MUS 100</td>
<td>Music Appreciation</td>
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</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
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</tr>
<tr>
<td>THEA 120</td>
<td>Introduction to the Theatre</td>
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<tr>
<td><strong>Family and Human Behavior</strong></td>
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<tr>
<td>Select one of the following suggested courses:</td>
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</tr>
<tr>
<td>FAMS 151</td>
<td>Human Sexual Behavior</td>
<td></td>
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<tr>
<td>FAMS 250</td>
<td>Infant Development</td>
<td></td>
</tr>
<tr>
<td>FAMS 351</td>
<td>Marriage and Family Relationships</td>
<td></td>
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<tr>
<td>SOC 430</td>
<td>Sociology of Family</td>
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<tr>
<td><strong>Political Science and Social Organization</strong></td>
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<tr>
<td>Select one of the following suggested courses:</td>
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<td>FAMS 160</td>
<td>Personal Money Management</td>
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<tr>
<td>PSCI 110</td>
<td>Introduction to American Politics</td>
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<tr>
<td>PSCI 170</td>
<td>Democracy as a Political Idea</td>
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<tr>
<td><strong>Free Electives</strong></td>
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<td>Maximum of 12 credit hours can be P/NR CLEP</td>
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<tr>
<td>Total Credit Hours</td>
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</table>
Philosophy Program

Program Objectives

• To enable students to develop thoughtful attitudes toward life and the world through a confrontation with the thought of great philosophers;
• To treat such problems as the nature of our individual and social lives, the nature of the world in which we live, and the nature of our apprehension of, and response to that world. All philosophy courses will include a close reading and analysis of primary sources and a substantive writing component.

Philosophy Major

One option is available in this major:

1. Philosophy (p. 443) - Bachelor of Arts Degree

The minor in Philosophy (p. 443) is available for students pursuing majors in other disciplines.

David Rozema, Director

Professor: Gene Fendt, Thomas Martin, David Rozema

Lecturer: John Lee

Philosophy (PHIL)

PHIL 100 – Introduction to Philosophy 3 credit hours
What is Philosophy? This course seeks both to convey a sense of what philosophy has been and to engage the student in a philosophical dialogue concerning perennial and contemporary issues. Among topics dealt with are: freedom, God, knowledge, morality and justice.

PHIL 105 – Philosophical Roots of American Democracy 3 credit hours
This course is designed to emphasize the philosophical roots of Democracy by reading primary works from Greek philosophy, literature, the Declaration of Independence and the U.S. Constitution. The students will analyze the ideals of justice, citizenship, virtue, rights, liberty, and the constitution of government and develop an understanding of what are the duties and responsibilities of informed citizens.

PHIL 110 – Introduction to Logic 3 credit hours
The systematic study of valid arguments with emphasis upon analysis and evaluation of arguments in ordinary language.

PHIL 120 – Introduction to Ethics 3 credit hours
Introduction to a philosophical analysis of the idea of an ethical life: reading and critical discussion of both historical and contemporary sources.

PHIL 188 – GS Portal 3 credit hours
Students analyze critical issues confronting individuals and society in a global context as they pertain to the discipline in which the Portal course is taught. The Portal is intended to help students succeed in their university education by being mentored in process of thinking critically about important ideas and articulating their own conclusions. Students may take the Portal in any discipline, irrespective of their major or minor. Satisfies the General Studies Portal course requirement. Students may take their Portal course in any discipline. Students who transfer 24 or more hours of General Studies credit to UNK are exempt from taking a portal course.

Total Credits Allowed: 6.00
Prerequisite: First year freshman standing or sophomore standing only.

PHIL 201 – Formal Logic 3 credit hours
The formal study of valid arguments, with emphasis upon problem solving through symbolic manipulation.

PHIL 250 – Ancient Philosophy 3 credit hours
Reading and critical analysis of the texts of the philosophers of ancient Greece and Rome with an emphasis on Socrates, Plato and Aristotle.

PHIL 251 – Medieval Philosophy 3 credit hours
Reading and critical analysis of the major philosophical issues of the middle ages, such as the relation of faith and reason and philosophy to theology, the interpretation of texts, and the conflict between the vita activa and the vita contemplativa.

PHIL 253 – Modern Philosophy 3 credit hours
Reading and critical analysis of texts of seventeenth and eighteenth century philosophers such as Descartes, Locke, Hume and Berkeley.

PHIL 254 – Contemporary Philosophy 3 credit hours
Study of contemporary issues and methods in Philosophy, including, but not limited to, Phenomenology, Existentialism, Analytic Philosophy.

PHIL 305 – Social and Political Philosophy 3 credit hours
Study of the fundamental principles of political and social organization, and the concepts of community, justice, law and economy.

PHIL 309 – Philosophy of Mind 3 credit hours
Critical analysis of philosophical ideas of concepts such as perception, sensation, emotion, action and will.

PHIL 314 – Philosophy of Religion: Reason and Faith 3 credit hours
Problems concerning religious language, the nature and existence of God, and the purpose and meaning of religious life, including criticism thereof.

PHIL 360 – Philosophy of Science 3 credit hours
Critical study of the aims, methods and the good(s) of the sciences. Using original works in various sciences, this course will examine the why and wherefore of scientific inquiry and progress.

PHIL 388 – GS Capstone 3 credit hours
An interdisciplinary experience where students apply the knowledge, cognitive abilities, and communication skills they have gained from General Studies in designing and completing an original project or paper. Students employ methods and interpretive means of two or more disciplines to integrate knowledge and synthesize their results. Satisfies the General Studies capstone course requirement. Students may take their Capstone course in any discipline

Prerequisite: Junior or Senior level standing or within 6 hours of completing general studies requirements.

PHIL 400 – Ethics 3 credit hours
Reading and critical analysis of historic and contemporary discussions of the concept of morality.

PHIL 410 – Topics in Metaphysics 3 credit hours
Investigation of the concepts of reality, existence, truth and being. Specific topic to be announced in the class schedule.

Prerequisite: 3 hours of Philosophy at the 100 level or permission of instructor.

PHIL 420 – Independent Study 1-3 credit hours
Arrange with instructor.

Total Credits Allowed: 18.00

PHIL 425 – Aesthetics 3 credit hours
This course will study the nature and purposes of art.
PHIL 451 – Philosophy in Literature  3 credit hours
Philosophical issues as expressed in the novel, drama, and poetry. Prerequisite: 3 hours of Philosophy at the 100 level or permission of instructor.

PHIL 490 – Seminar in Philosopher or Movement  3 credit hours
Specific philosopher or movement to be announced in the class schedule. May be repeated as topic varies.
Total Credits Allowed: 18.00

## Philosophy Minor
Offered by Philosophy Program (p. 442)
18 credit hours minimum required.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
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<td><strong>Requirements</strong></td>
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<td>Select 3-6 credit hours of the following:</td>
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<tr>
<td>PHIL 100</td>
<td>Introduction to Philosophy</td>
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<td>PHIL 120</td>
<td>Introduction to Ethics</td>
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<tr>
<td></td>
<td>Select 0-3 credit hours of the following:</td>
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<tr>
<td>PHIL 110</td>
<td>Introduction to Logic</td>
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<td>SPCH 332</td>
<td>Logic Argumentation and Reasoning</td>
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<td></td>
<td>Select 9-15 credit hours of the following:</td>
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<td>PHIL 201</td>
<td>Formal Logic</td>
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<td>PHIL 250</td>
<td>Ancient Philosophy</td>
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<tr>
<td>PHIL 251</td>
<td>Medieval Philosophy</td>
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<tr>
<td>PHIL 253</td>
<td>Modern Philosophy</td>
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<tr>
<td>PHIL 254</td>
<td>Contemporary Philosophy</td>
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<tr>
<td>PHIL 305</td>
<td>Social and Political Philosophy</td>
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<tr>
<td>PHIL 309</td>
<td>Philosophy of Mind</td>
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<tr>
<td>PHIL 314</td>
<td>Philosophy of Religion: Reason and Faith</td>
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<tr>
<td>PHIL 360</td>
<td>Philosophy of Science</td>
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<tr>
<td>PHIL 400</td>
<td>Ethics</td>
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<tr>
<td>PHIL 410</td>
<td>Topics in Metaphysics</td>
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<tr>
<td>PHIL 425</td>
<td>Aesthetics</td>
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<tr>
<td>PHIL 451</td>
<td>Philosophy in Literature</td>
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<tr>
<td>PHIL 490</td>
<td>Seminar in Philosopher or Movement</td>
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<tr>
<td>PSY 416</td>
<td>Eastern Psychology</td>
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Total Credit Hours: 12-24

## Philosophy, Bachelor of Arts
Offered by Philosophy Program (p. 442)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td><strong>General Studies</strong></td>
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<td></td>
<td><em>Foundational Core (Written, Math, Oral, Democracy)</em></td>
<td>12</td>
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<tr>
<td></td>
<td><em>Foundational Core courses (p. 460)</em></td>
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<tr>
<td></td>
<td><em>Portal</em></td>
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<tr>
<td></td>
<td><em>Select one course numbered 188 (p. 465)</em></td>
<td>3</td>
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<tr>
<td></td>
<td><em>Distribution</em></td>
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<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
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</table>

If ENG 101 is taken as a prerequisite for ENG 102 then only 24 additional hours are required to meet the 27 credit hour minimum in the Distribution Area of General Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td></td>
<td>Aesthetics (p. 460)</td>
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<td></td>
<td>Humanities (p. 464)</td>
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<td></td>
<td>Social Sciences (p. 465)</td>
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<td></td>
<td>Natural Sciences (p. 464)</td>
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<td></td>
<td>Analytical and Quantitative Thought (p. 460)</td>
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<td></td>
<td>Wellness (p. 466)</td>
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<td>Needed to reach 27 credit hour minimum in Distribution</td>
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</table>

### Capstone
Select one course numbered 388 (p. 461) 3

### BA Language requirement
Complete all required courses 1 6

### Major Option
Complete all required courses 33

### Minor or 2nd Major
Complete all required courses 2 24

### Unrestricted electives
Needed to reach 120 credit hours minimum 12

Total Credit Hours: 120

## Major Option

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td></td>
<td><strong>Philosophy Core Requirements</strong></td>
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<td>PHIL 100</td>
<td>Introduction to Philosophy</td>
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<tr>
<td>or PHIL 120</td>
<td>Introduction to Ethics</td>
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<td></td>
<td><strong>Philosophy Logic Requirements</strong></td>
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<td>Select one of the following:</td>
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<tr>
<td>PHIL 110</td>
<td>Introduction to Logic</td>
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<tr>
<td>PHIL 201</td>
<td>Formal Logic</td>
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<td></td>
<td><strong>Philosophy History Requirements</strong></td>
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<tr>
<td>Select 2 of the following:</td>
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<tr>
<td>PHIL 250</td>
<td>Ancient Philosophy</td>
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<td>PHIL 251</td>
<td>Medieval Philosophy</td>
<td></td>
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<tr>
<td>PHIL 253</td>
<td>Modern Philosophy</td>
<td></td>
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<tr>
<td>PHIL 254</td>
<td>Contemporary Philosophy</td>
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<td></td>
<td><strong>Philosophy Intermediate Requirements</strong></td>
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<td>Select 2 of the following:</td>
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<tr>
<td>PHIL 305</td>
<td>Social and Political Philosophy</td>
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<tr>
<td>PHIL 309</td>
<td>Philosophy of Mind</td>
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<tr>
<td>PHIL 314</td>
<td>Philosophy of Religion: Reason and Faith</td>
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<td>PHIL 360</td>
<td>Philosophy of Science</td>
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<td><strong>Philosophy Advanced Requirements</strong></td>
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<td>Select 3 of the following:</td>
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<tr>
<td>PHIL 400</td>
<td>Ethics</td>
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<tr>
<td>PHIL 410</td>
<td>Topics in Metaphysics</td>
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<td>PHIL 420</td>
<td>Independent Study</td>
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<td>PHIL 425</td>
<td>Aesthetics</td>
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<tr>
<td>PHIL 451</td>
<td>Philosophy in Literature</td>
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<tr>
<td>PHIL 490</td>
<td>Seminar in Philosopher or Movement</td>
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</tr>
</tbody>
</table>
Women's and Gender Studies Program

Women's and Gender Studies is an interdisciplinary program of research and study. The program uses gender as a tool of analysis to examine power relations, addressing such issues as race, sexuality, and class. Women's and Gender Studies explores the diversity of women's creative, social, economic, spiritual, and political realities. The program empowers students to re-examine their world and create change.

An introductory course sets the tone for investigation by surveying women's roles, images, and contributions found in historical and contemporary society. Students can then choose specifically-designated women's and gender studies courses which will be useful in their major fields of study. These courses developed within several departments enhance the students' liberal arts education by addressing the theoretical and practical use of women's and gender studies related to their particular subject areas.

Students in pre-law, pre-medicine, business, counseling, science, social science, the arts, education, and the humanities will benefit from this minor since it informs, challenges and directs men and women students toward a more equitable assessment of society.

For more information contact:
Linda Van Ingen, Director
Women's and Gender Studies Program
University of Nebraska at Kearney
Kearney, NE 68849
(308) 865-8772

The Women's and Gender Studies (p. 444) minor program consists of 18 credit hours of designated Women's and Gender Studies courses: 3 required credit hours and 15 elective credit hours to be taken in at least two different departments.

Women's Studies (WSTD)

WSTD 220 – Women’s & Gender Studies 3 credit hours
This course explores the interdisciplinary subject of Women's and Gender Studies where woman is understood as a category of analysis and gender is studied as a system of relations and power. Society's role in constructing gender, sexuality and race will also be explored, as will the idea that feminism is a historical process.

WSTD 420 – Senior Seminar in Women’s Studies 3 credit hours
This course will allow students to pursue their major field of study in relation to women's studies. Under faculty direction, students will read independently, research, and write on a topic of interest. The seminar will meet to share research and to explore the larger issues of feminist theory. Prerequisite: WSTD 220

WSTD 499 – Special Topics in Women's Studies 1-3 credit hours
Topics are studied which are not assigned or covered in other Women's Studies courses. The format of this course will vary depending on the topic, instructor and the needs of the students. Total Credits Allowed: 3.00
Prerequisite: WSTD 220 or permission of instructor

Women's and Gender Studies Minor

Offered by Women's Studies Program (p. 444)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSTD 220</td>
<td>Women’s &amp; Gender Studies</td>
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<tr>
<td>Electives</td>
<td>Select 15 credit hours of the following in at least two departments:</td>
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<tr>
<td>WSTD 420</td>
<td>Research Seminar in Women’s &amp; Gender Studies</td>
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<tr>
<td>WSTD 499</td>
<td>Special Topics in Women’s &amp; Gender Studies</td>
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<td>ART 422</td>
<td>Women in Art</td>
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<tr>
<td>CJUS 315</td>
<td>Victimology: Victims of Crime</td>
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<tr>
<td>CJUS 360</td>
<td>Sex Crimes</td>
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<td>CJUS 370</td>
<td>Women and Crime</td>
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<tr>
<td>CJUS 380</td>
<td>Minorities and Criminal Justice</td>
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<tr>
<td>CJUS 476</td>
<td>Terrorism and Crisis Negotiations</td>
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<td>CSP 418</td>
<td>Introduction to Counseling and Social Advocacy</td>
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<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics (Queer Literature)</td>
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<tr>
<td>ENG 260</td>
<td>Images of Women in Literature</td>
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<tr>
<td>ENG 359</td>
<td>Contemporary American Multicultural Lit</td>
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<td>ENG 360</td>
<td>American Women Writers</td>
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<td>ENG 425</td>
<td>Children's Literature</td>
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<td>ENG 426</td>
<td>Literature for Adolescents</td>
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<tr>
<td>ENG 460</td>
<td>Topics: Women's Literature</td>
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<td>ETHS 101</td>
<td>Introduction to Ethnic Studies</td>
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<tr>
<td>FORL 357</td>
<td>Seminar on Women in a Foreign Literature</td>
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<td>FREN 357</td>
<td>Seminar on Women in French/Francophone Lit</td>
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<tr>
<td>FAMS 151</td>
<td>Human Sexual Behavior</td>
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<tr>
<td>FAMS 465</td>
<td>Advanced Study of Sexual Behaviors</td>
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<tr>
<td>HIST 421</td>
<td>Women in America</td>
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<tr>
<td>HIST 485</td>
<td>The United States Since 1941</td>
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<tr>
<td>HIST 495</td>
<td>Topical Studies (The 1960s ) 1</td>
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<tr>
<td>HIST 495</td>
<td>Topical Studies (Women and War in Modern Europe)</td>
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</tbody>
</table>
JMC 425  Topics in Mass Media (Women, Minorities, and the Media)  
JMC 460  Mass Media and Society  
MUS 247  Women Composers and Their Music: A Historical Approach  
PSCI 353  Race & Politics  
PSCI 374  Modern Political Thought  
PSCI 378  Feminist Political Thought  
PSY 374  Psychology of Gender  
SOC 201  Social Inequality  
SOC 369  Sociology of Gender  
SOC 380  Sociology of Sexuality  
SOC 430  Sociology of Family  
SOC 462  Sociology of Health and Illness  
SOWK 170  Introduction to Social Welfare  
SOWK 410  Social Policy & Programs  
SOWK 420  Diversity and Social Justice  
SOWK 479  Violence Across the Lifespan  
SPAN 357  Seminar on Women in Hispanic Literature

Total Credit Hours 18

1 See advisor for approved topic.

Financial Information

- Fees (p. 445)
- Financial Aid (p. 446)
- Housing and Dining (p. 446)
- Late Payment Charges (p. 447)
- Midwest Student Exchange Program (p. 447)
- Return of Title IV Funds (p. 447)
- Scholarships (p. 448)
- Standards of Satisfactory Academic Progress Policy for Undergraduate Students (p. 450)
- Textbooks (p. 450)
- Veterans and Dependents (p. 450)

Fees

Fees are subject to change. Please visit the Undergraduate Cost Information (http://www.unk.edu/offices/student_accounts/tuition/undergraduate_costs.php) page for current fee amounts.

Fee Type

Academic Success Fee (per credit hour)

Provides services for all students through the Student Support Services, Learning Strategies, Services for Students with Disabilities, First Year Experience, Academic and Career Services, Writing Center and Academic Success offices by means of mentors, tutors and programming. The offices seek to provide services that enhance student academic performance, retention and graduation.

Admissions Application Fee

Payable at the time of admission - not refundable.

Resident and Nonresident

The Admissions Application Fee is a onetime, mandatory fee that is used to establish a student's undergraduate records.

Collegiate Readership Program Fee

Regular session, each semester

Allows students access to four daily newspapers during the academic year - USA Today, Omaha World-Herald, Kearney Hub. The New York Times is provided by the American Democracy Project. (No summer charge)

Facilities Fee

Regular session, per credit hour

Summer, per credit hour

The Facilities Fee supports ongoing maintenance, repair and operation of student facilities. This fee is charged to all students enrolled in on-campus courses.

Health and Counseling Fee

Regular session, each semester

Summer, per credit hour

(Fee assessed to all students enrolled for 7 or more credit hours in on-campus courses in Fall/Spring terms.) The Health & Counseling Fee is used to support the Student Health Center.

ID Card Fee (per semester)

Fee assessed each term student is enrolled for on-campus classes only. Provides student with validated ID card.

Late Registration Fee

A student may register late after Open Registration has ended and classes have begun.

A $15 Late Registration Fee is assessed. All tuition and other fees must be paid at the time of the late registration.

Tuition and all fees are due at the time of registration, and failure to pay at that time will result in late charges and prepayment for future term.

Note: After the scheduled Open Registration period ends, the instructor’s or department chairperson’s written permission is required for registration/adding a class. A registration, based on extenuating circumstances, beginning the third week of a class requires the written permission of the instructor, the department chairperson, and the dean. Students cannot register for full semester classes following the fourth week of the term.

Library Fee (per credit hour)

The Library Fee supplements book collections, research materials and serial journal collections. This fee is charged to all enrolled students.

Multicultural Affairs Fee (per semester)

Multicultural Affairs administers programs and services that foster and develop a supportive environment for students of American ethnic heritage, promotes a multicultural climate conducive to the educational achievement of all students and encourages a global perspective of learning for the campus. This fee supports new programs focused on bringing culturally rich educational events and activities to campus. (No summer charge)

New Student Enrollment Fee

The New Student Enrollment Fee is a onetime, mandatory fee charged to all first-time students enrolled for 1 or more credit hours. The fee is used to support the summer and fall orientation programs.

Special Fees

Distance Education Fee (per credit hour)

Graduation Fee (all degrees)

International Student Fee

Credentia Fees (optional)

Private music lessons, semester
Certain courses require a materials fee in addition to regular registration fees.

**Student Activity Fee**
Regular session, each semester (No summer charge)
- 7 or more credit hours
- 4-6 credit hours
- 1-3 credit hours
The purpose of the Activity Fee is to help finance student programs. This fee is charged to all students enrolled in on-campus courses.

**Student Event Ticket Fee**
Regular session, each session (No summer charge)
- 7 or more credit hours
- 4-6 credit hours
- 1-3 credit hours
The SET fee permits admission to UNK sponsored events (athletic and fine arts) and supports the intramural program and the Student Talent Development Program. The program enables UNK to participate in opportunities that develop student leadership skills or that provide venues for students to display intellectual talent and other exceptional accomplishment. This fee is charged to all students enrolled in on-campus courses.

**Student Parking Permit Fee**
Commuter Parking registration fee per car each year
- Residential Parking
  - The Parking Fee is refundable on a prorated basis during the first six weeks of the semester purchased. The Parking Fee provides for a permit to park in designated areas on campus but does not guarantee a parking space.
- Student Records Fee (per semester)
  - The Student Records Fee provides for lifetime copies of transcripts. This fee is charged to all enrolled students.
- Student Union Fee
  - 7 or more credit hours
  - 4-6 credit hours
  - 1-3 credit hours
  - summer per credit hour
  - The Student Union Fee supports the Nebraskan Student Union.
- Technology Fee (per credit hour/capped 15hrs)
  - The Technology Fee funds enhance and increase the instructional and informational technology literacy and access for UNK students. This fee is charged to all enrolled students.
- Undergraduate Research Fellows Fee
  - UG Research Fellows Program (UG only/per credit hour)
  - This fee will provide students the opportunity to participate in scholarly activity during their UNK career.
- Wellness Center Fee
  - 7 or more credit hours
  - 4-6 credit hours
  - 1-3 credit hours
  - summer per credit hour
  - The Wellness Center fee is cost recovery for construction of the facility and then for ongoing maintenance when occupied.

**Financial Aid**
The University of Nebraska at Kearney provides financial assistance in the form of scholarships, grants, loans and work study. The Financial Aid office assists students with financial aid from federal and state resources, the University and private organizations. Frequently, students receiving assistance to pay for college are funded through a variety of sources. It is the responsibility of the Office of Financial Aid to coordinate the application and awarding process of multiple types of aid for students.

Federal and State of Nebraska assistance (grants, loans and work-study) is awarded on the basis of need. Need is determined per federal statute. The expected family contribution (EFC) is determined and then subtracted from the cost of attendance for an academic year. Congress has created a formula called Federal Methodology that is used to calculate the EFC based on the information submitted by the family on the Free Application for Federal Student Aid (FAFSA).

Students are encouraged to submit the FAFSA online at www.fafsa.ed.gov (https://www.fafsa.ed.gov) as soon as possible after October 1st for the following academic year since some sources of financial aid are limited. The student and parents, if applicable, will use tax information from two years prior to complete the FAFSA. The results from the FAFSA will be sent to UNK automatically when a student enters the Title IV School Code (002551) on the FAFSA.

Some FAFSAs submitted to the Department of Education will be randomly selected for a process called Verification. If selected, the student is required to submit additional documentation to UNK. Once verification of the FAFSA is completed, the student will be notified via email with instructions for reviewing the financial aid award in MyBLUE. The award lists the types and amounts of financial aid for which he/she is eligible. Financial aid awards are determined by the day the UNK Financial Aid Office receives the FAFSA, demonstrated need of the student provided by the completion of the FAFSA, and the availability of funds.

For information on applying for merit-based scholarships see Scholarships (p. 448).

Questions regarding federal or state aid may be directed to:

Office of Financial Aid
Division of Student Affairs
University of Nebraska at Kearney
2510 11th Ave.
Kearney, NE 68849-2350

Contact the office via email at finaid1@unk.edu or via phone at (308) 865-8520.

**Housing and Dining**

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>One-time Housing Application Fee Non-Refundable</td>
<td>$50</td>
</tr>
<tr>
<td>Laundry - unlimited use of washers and dryers per semester</td>
<td>$50</td>
</tr>
<tr>
<td>METS (Managing Environments Through Students) per semester</td>
<td>$5</td>
</tr>
<tr>
<td>Social Programming Fund per semester</td>
<td>$5</td>
</tr>
</tbody>
</table>

1. Open Registration (p. 16)
RHA (Residence Hall Association)  $5

2019-2020 Fall/Spring (each semester) Room & Board

Community Style | Double Room

Fee Type  Fee
Men’s, University Residence North, Closed Winter Break  $2,513
University Residence South, Closed Winter Break  $2,646

Suite Style | Double Room

Fee Type  Fee
Centennial Towers East, Centennial Towers West Winter Break Housing  $2,646
Antelope, Nester North, Nester South, 2 & 4 Bedroom Winter Break Housing  $3,084

Suite Style | Deluxe Upperclass Options

Fee Type  Fee
Deluxe Double - Limited Mantor, CTE, CTW Private bathroom, carpeted, MicroFridge in room  $3,084
Upperclass Single - CTE Single occupant, MicroFridge provided, Semi-Private bathroom  $2,646
Small Single - CTE & CTW only Limited rooms  $2,646
Single Room - per semester, pro-rated in addition to double room rate  + $600

Meal Plan Rates - per semester

Fee Type  Fee
Loper Plan - 220 Block Meals, 580 Dining Dollars  $2,458
Gold Plan - 160 Block Meals, 460 Dining Dollars  $2,411
Blue Plan - 120 Block Meals, 340 Dining Dollars  $2,291

Summer Term

For information about housing options during the summer sessions, see http://www.unk.edu/offices/reslife/summer-housing-information.php.

If a student withdraws from the University before the end of a term, board and room are partially refundable. Refund begins when a student is properly checked out.

Late Payment Charges

Students not paying by the bill due dates will be assessed late charges. In addition, they could be required to pre-pay for future registrations.

Midwest Student Exchange Program

The Midwest Student Exchange Program (MSEP) was established by the Midwestern Higher Education Commission to increase interstate educational opportunities for students in its member states. The program enables residents of Illinois, Indiana, Michigan, Minnesota, Missouri, North Dakota, Ohio, and Wisconsin to enroll in academic programs at reduced tuition levels. Tuition for MSEP is equal to 150 percent of regular resident tuition. Online programs and online courses are not eligible for the MSEP rate; it is only available for on-campus programs and on-campus courses. Students must indicate on their application for admission that they are applying as an MSEP student. Contact the Office of Undergraduate Recruitment & Admissions for additional information.

Return of Title IV Funds

Federal statute requires a recalculation of aid eligibility when a recipient of financial aid withdraws from the University of Nebraska at Kearney.

The "Return of Title IV Financial Aid" requirement is based on the amount of federal financial aid received, the University charges incurred and the date of withdrawal. If a student received more assistance than earned, the excess funds must be returned. The amount of assistance earned is determined on a pro rata basis. That is, if a student completed 30% of the semester, then the student has earned 30% of the financial aid received, and/or still eligible to receive, for the semester. Once a student has completed more than 60% of the semester all of the assistance is considered "earned."

The official date of withdrawal is the date the class(es) are dropped on MyBLUE. Alternatively, a student who remains enrolled but fails to pass any classes will also have the calculation applied in accordance with federal statute. UNK grading policy requires faculty to report the last date a student who failed a class participated in any academic activity. This date then becomes the basis for the withdrawal calculation. Therefore, a student cannot avoid the federally required return of Title IV Financial Aid by stopping out of classes but remaining enrolled and taking failing marks.

If a student’s University charges are reduced as a result of withdrawal, and that withdrawal creates a credit balance on the student account, the funds reflected in that credit balance may be used to repay the federal financial aid programs. If the credit balance does not cover the amount due back to the aid programs, the student will be billed the difference. If the student owes back to any of the grant programs, the student has 45 days to make repayment to the University or be reported to the U.S. Department of Education as a student who owes an overpayment. Owing an overpayment to the U.S. Department of Education means that student will no longer be eligible for federal financial aid at any school until the overpayment is paid in full.

Federal statute determines the order in which programs will be paid back.

1. Unsubsidized Federal Stafford Loan
2. Subsidized Federal Stafford Loan
3. Parent Loans for Undergraduate Students (PLUS)
4. Federal Pell Grant
5. Federal Supplemental Equal Opportunity Grant (SEOG)
6. Federal Teach Grant

Below is an example of the Return of Title IV Funds calculation.

For information about housing options during the summer sessions, see http://www.unk.edu/offices/reslife/summer-housing-information.php.

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6. Federal Teach Grant

Below is an example of the Return of Title IV Funds calculation.
1. Establish the withdrawal date and calculate the percentage of aid the student may retain.
   • John withdraws on 9/24/2018.
   • 9/24/2018 is 29 days into the semester, which is 116 days long. Therefore, he has completed 25% of the semester.
   • This means that he may keep 25% of the aid awarded to him, however 75% must go back to the aid programs. (Once a student has completed 60% or more of the semester, no aid will need to be returned.)
2. Calculate the percentage of unearned aid.
   • John received $3,668 in Title IV aid.
   • 75% of $3,668 in financial aid must be returned: $2,751.
3. Calculate the maximum percentage of aid based on cost that the school will have to return.
   • John's bill for the Fall of 2018 was $2,276
   • 75% of the cost, $2,276, is $1,707.
4. Calculate the amount of aid the school must return.
   • The school then returns the lesser of $1,707 (percentage of cost) or $2,751 (percent of unearned financial aid) to the aid programs.
   • The school returns $1,707 on John's behalf.
5. Aid the student must personally return.
   • John's grant aid is returned on his behalf by the school and therefore becomes part of the bill that must be repaid to the school. Failure to pay this would result in reporting to the Department of Education as an overpayment.
   • The balance of John's loan not paid by the school will go into repayment in accordance with the terms of the promissory note.

7. Scholarship awards are subject to review by the scholarship committee upon student petition.

Federal income tax laws require that income from grants, scholarships, and fellowships be considered as income and reported on federal income tax returns in the following situations:

1. Students who are seeking a degree must report grant, scholarship and fellowship awards as taxable income to the extent such awards exceed course-related expenses. Course-related expenses include tuition, mandatory fees, books, supplies, and equipment required for coursework.
2. Individuals who are not seeking a degree, such as faculty fellowships and post-doctoral research associates, are taxed on the full amount of any scholarship or fellowship award.
3. Any portion of a scholarship or fellowship that is awarded for services performed by the individual, including teaching or research assistantships, is subject to taxation. These awards are considered compensation, even if the teaching or research services are required for the student's degree.

Employers are not required to report scholarship or fellowship payments to the Internal Revenue Service. Since there are no reporting requirements, the University of Nebraska does not issue a Form 1099 Miscellaneous Income, or a Form W-2 for these payments. It is the responsibility of the individual to report scholarship and fellowship income to the IRS.

**Scholarships**

**University of Nebraska at Kearney Scholarship Guidelines**

The philosophy of the Scholarship Committee is to assist students at UNK by providing supplemental financial resources based on academic performance. With the exception of endowed funds, which are awarded according to donor intent, the scholarship committee will have the sole responsibility of establishing regulations governing scholarships.

In administering the UNK scholarship program, determination of eligibility must first be established. To be eligible to receive a scholarship, the following criteria must be met:

1. The student must be admitted to UNK and remain in good standing.
2. Unless specifically indicated by the guidelines of the individual scholarship, the student must currently be an undergraduate student at UNK.
3. Scholarships are to be awarded according to the student's enrollment status at the time the scholarship will be utilized.
4. The student must be enrolled full-time each semester the scholarship is received, unless specified otherwise.
5. Scholarship awards are made on a yearly basis with half of the award distributed each semester. Students attending only one semester of the award period may be eligible for only half of the value of the scholarship.
6. No member of the applicant's immediate family (to include parent, sibling, or spouse) will be permitted to serve on the scholarship committee or in any way be associated with the internal workings of the selection process.

**Freshman Scholarship Program**

New freshmen admitted by March 1 will be considered for Board of Regent's, UNK Distinguished Scholar Award, and UNK Loper Achievement Award Scholarships. No additional application is required.

The **Board of Regent's Scholarship** is a full tuition waiver for up to 125 undergraduate credit hours or through the recipient's completion of a bachelor's degree, whichever comes first. This program is for graduates of Nebraska high schools only. The scholarship requires full-time status.

The **UNK Distinguished Scholar Award** is a $3000 tuition waiver per academic year. It is available for up to eight semesters or through the student's graduation with a bachelor's degree, whichever comes first. The scholarship requires full-time status.

The **UNK Loper Achievement Scholarship** is a $2000 tuition waiver per academic year. It is awarded for up to eight semesters or through the student's graduation, whichever comes first. This scholarship requires full-time status.

The **Cooperating School Scholarship** is awarded to graduating high school seniors of school systems serving as cooperating schools in the student teacher program at UNK. The cooperating school recommends scholarship recipients and alternates equal to the number of scholarships available to that particular school by submitting a list to the UNK Office of Financial Aid. To be eligible for the maximum $1500 tuition waiver,
students must have a score of 23 or above on the ACT or 1070 or above on the SAT. High school counselors of cooperating schools can be contacted for more information and application materials.

The **Non-Resident Scholarship** is for out-of-state students. The scholarship can pay up to the full difference between resident and non-resident tuition. Students must be admitted by August 1. To be eligible, a student must meet two of the following criteria: rank in the top 25% of graduating class, have a composite ACT score of at least 23 (1070 on SAT), or earn a cumulative high school GPA of at least 3.5.

The **Nebraska Legacy Scholarship** was established by the Board of Regents and pays the difference between resident and non-resident tuition for qualified students whose parent(s) graduated from one of the University of Nebraska campuses. In order to receive this scholarship students must be the natural born or legally adopted child of a University of Nebraska graduate. Step-parent or legal guardian status does not apply. Students also must rank in the upper 1/3 (33%) of their high school graduating class or have a composite ACT score of 24 or SAT score of 1110.

The **Loper Heritage Scholarship** pays the difference between resident and non-resident tuition for non-resident students whose parent or parents graduated from the University of Nebraska at Kearney/ Kearney State College. To qualify, a student must be admitted for the fall semester by August 1 or by December 1 for the spring semester. Admitted students are initially evaluated for eligibility for the Nebraska Legacy Scholarship and the Colorado/Kansas Advantage Scholarship. The Loper Heritage Scholarship is awarded if the student does not meet the academic criteria for either of these scholarships.

The **Advantage Scholarship** pays the difference between resident and non-resident tuition for non-resident students whose parent or parents graduated from the University of Nebraska. Award amounts vary, but are generally $2,000 to $4,000 per year. Applicants must be admitted to UNK by February 1 and must complete the Davis Scholarship application (http://unkcms.unk.edu/offices/oma/files/davis-scholarship.pdf). The application is available from the UNK Office of Admissions, the UNK Office of Multicultural Affairs, or online.

**Transfer Student Scholarships**

These scholarships are awarded to transfer students (12 or more transferable credit hours). Students receive a partial tuition waiver and must be admitted by April 1. Contact the Office of Financial Aid for more information.

**Continuing Student Scholarships**

An annual scholarship is funded by a donor who has made a commitment to the university to award a scholarship each academic year. A permanently endowed scholarship is comprised of funds from private sources and invested by the University of Nebraska Foundation. The income derived from the investment pays the scholarship. Eligible students must submit a Continuing Student Scholarship application via MyBLUE by the last day of February. All Continuing Student Scholarships that are available along with criteria a student must meet to be eligible for the scholarships are listed on www.unk.edu/offices/financial_aid/ (http://www.unk.edu/offices/financial_aid).

The Continuing Student Scholarship listing is divided into five sections, one for each college: Education (p. ), Business & Technology (p. ), Arts & Sciences (http://www.unk.edu/academics/arts-and-sciences), Athletics, and nondepartmental. Students majoring in a specific field should refer to the corresponding section, while the nondepartmental section lists scholarships available to the general student population regardless of major. Students participating in intercollegiate athletics may be considered for scholarships listed in the Athletics section.

Students are encouraged to contact the Office of Financial Aid for additional information on the application process or with any other scholarship questions.

**Honors Program Scholarships**

The Honors Program offers Honors Scholarships to incoming freshmen based on ACT scores, high school GPA, a letter of recommendation, and a writing sample. Students who remain in the Program and in good standing (maintenance of a 3.25 cumulative grade point average) may hold these scholarships for four years. Honors scholarship recipients may hold tuition or other scholarships as well.

Traditionally, two or three students in each incoming freshman class receive the Omaha World Herald/Kearney Hub Scholarship. This scholarship provides tuition, room, board, fees, and books for four years, and requires maintenance of a 3.5 cumulative grade point average.

**UNMC College of Nursing-Kearney Division Scholarships**

Students admitted to the UNMC College of Nursing - Kearney Division will be eligible for scholarships and financial aid through the University of Nebraska Medical Center. Students should refer to the UNMC Financial Aid website for complete information.

**Additional Information**

For any additional information on scholarships that may be available please visit www.unk.edu/financial_aid (http://www.unk.edu/financial_aid). Visiting the website is the best way to keep up with any potential new scholarships that may not be listed above.
Standards of Satisfactory Academic Progress Policy for Undergraduate Students

University of Nebraska at Kearney

The University of Nebraska at Kearney is required to establish minimum academic standards that students must meet to be eligible or to maintain eligibility for federal and state financial aid, including grants, loans, and college work study. Failure to meet these standards for two consecutive semesters (fall, spring, summer) means the student is no longer eligible to receive federal financial aid.

Students must meet both a qualitative requirement (GPA) and a quantitative requirement (Pace) to maintain eligibility. Additionally, students may receive aid for a maximum time frame.

The quantitative requirements for undergraduate students measures the amount of academic work completed on a cumulative basis. To calculate the quantitative standard (pace) we compare the total hours a student has completed to the total hours attempted.

- Attempted hours are based on enrollment at the end of the first week of classes during the fall and spring semester.
- During the summer semester, the cumulative measure of attempted hours are based on the class start date. If a student drops a class prior to the first day it will not be counted in attempted hours.
- A student becomes ineligible for aid (suspended) when they fail to meet their academic plan.
- A student becomes ineligible for aid (suspended) when it becomes mathematically impossible to graduate within the maximum time frame.

Quantitative, Qualitative, and Maximum Time Frame Requirements for Undergraduate Students are:

Quantitative

- Successfully complete 67% of attempted hours

Qualitative

- Students who have earned 1-24 credit hours must have a minimum university GPA of 1.8.
- Students who have earned 25-45 credit hours must have a minimum university GPA of 1.9.
- Students who have earned 46 or more credit hours must have a minimum university GPA of 2.0.
- Teachers Education Program students must have a minimum university GPA of 2.75.

Maximum Time Frame

- A student becomes ineligible for aid (suspended) when they fail to meet their academic plan.
- A student becomes ineligible for aid (suspended) when they fail to meet their academic plan.

Successful Completion of Courses

To be counted as successfully completed or earned credit hours, the student must receive a grade of A, B, C, D or CR. Withdrawals (W), incompletes (I) or failures (F) are counted in the attempted credit hours but are NOT counted in the earned credit hours.

If a student fails to meet one or both (qualitative or quantitative) of the minimum standards for one semester the student is placed on financial aid warning for the following semester. The student will maintain financial aid eligibility and continue to receive financial aid during the warning semester. Students are notified via email when placed in warning status.

If the student fails to meet one or both of the standards again in the subsequent semester, the student is no longer eligible for financial aid.

Regaining Financial Aid Eligibility

Students on financial aid suspension can enroll for classes without financial aid in order to meet the minimum standards. The Office of Financial Aid will check academic standing after each semester. The student may also notify the Office of Financial Aid in writing once the minimum standards have been met. Students also have the right to appeal their suspension. The appeal must be submitted in writing to the Office of Financial Aid by the due date indicated in the suspension letter. The decision of the Appeals Committee will be communicated to the student in writing.

Textbooks

Textbooks average $100 to $150 per course, depending on discipline. Many titles are rentable if students choose, saving up to 80% off the new book price. The bookstore also offers a price matching program, visit the Antelope Bookstore in the Nebraskan Student Union or online at www.unk.bncollege.com for additional information.

Veterans and Dependents

The Office of Military and Veteran Services works in cooperation with the Veterans Administration and Military Branches to assist veterans, servicemembers, and eligible dependents to obtain military
educational benefits. In order to receive benefits, an eligible student or dependent should visit the Office of Military and Veteran Services for information and assistance in applying. It is the student’s or dependent’s responsibility to report all pertinent information to this office in order to ensure receipt of benefits and to verify the selected program is approved for VA benefits. Additionally, it is the responsibility of the student or dependent to notify Military and Veteran Services of changes in enrollment, major, address, name, change of school, and any other information that may affect the receipt of benefits. Questions regarding veterans’ educational benefits may be addressed to (308) 865-8677 or unkveterans@unk.edu.

UNK Chapter 31 (Vocational Rehabilitation) or Chapter 33 (Post 9/11 GI Bill) Benefits Policy

A Covered Individual is any individual who is entitled to educational assistance under Chapter 31 or Chapter 33. Any Covered Individual is permitted to attend or participate in the course of education during the period beginning on the date on which the individual (under Chapter 33) or the VA Case Manager (under Chapter 31) provides a certificate of eligibility for entitlement to UNK and ending on the earlier of the following dates:

1. The date on which payment from the VA is made to UNK,
2. 90 days after the date UNK certified tuition and fees following the receipt of the certificate of eligibility.

UNK will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a Covered Individual borrow additional funds, on any Covered Individual because of the individual’s inability to meet his or her financial obligations to the institution due to the delayed disbursement of funding from the Department of Veterans Affairs under Chapter 31 or 33. Additionally, this requirement is limited to the portion of funds paid directly to UNK by the VA.

General Information

• Accreditations (p. 451)
• Alumni Association (p. 451)
• Assessment (p. 452)
• Building Abbreviations (p. 452)
• Computing Policies (p. 452)
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• University of Nebraska Foundation (p. 457)
• UNK Response to Meeting the Regents’ Four-Year Guarantee (p. 457)

Accreditations

The University of Nebraska at Kearney is accredited by the Higher Learning Commission (HLC) and by the Council for the Accreditation of Educator Preparation (CAEP).

Additional discipline specific accreditations and certifications include:

• AACSB International - The Association to Advance Collegiate Schools of Business (AACSB) (Business programs)
• American Chemical Society Approved List of Programs (Chemistry)
• American Library Association (ALA)/American Association of School Libraries (AASL) (Teacher Education School Library)
• Association of Technology, Management, and Applied Engineering (ATMAE) (Construction Management, Industrial Distribution, Information Networking and Telecommunications)
• Commission on Accreditation of Athletic Training Education (CAATE) (Athletic Training)
• Council for Accreditation of Counseling and Related Educational Programs (CACREP) (Community Counseling)
• Council for Interior Design Accreditation (CIDA) (Interior Design)
• Council on Academic Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association (SP) (Speech-Language Pathology)
• Council on Social Work Education (CSWE) (Social Work)
• International Registry of Counselor Education Programs (IRCEP) (Counselor Education)
• International School Psychology Association (ISPA) (School Psychology)
• National Association of Schools of Music (NASM) (Music)
• National Association of School Psychologists (NASP) (School Psychology)
• National Council on Family Relations (NCFR) (Family Studies)
• Nebraska Department of Education (NDE) (Teacher Education)

The following accreditations are of the UNMC College of Nursing-Kearney Division:

• Nebraska State Board of Nursing (Nursing)
• Commission on Collegiate Nursing Education (CCNE) (Nursing)

Alumni Association

www.unkalumni.org (http://www.unkalumni.org)

Since the graduation of the first class from the Nebraska State Normal School at Kearney in 1906, the UNK Alumni Association (https://unkalumni.org) has been working to maintain the link between more than 50,000 graduates and the University of Nebraska at Kearney.

The association produces UNK Today (http://unkalumni.org/unktoday) the alumni magazine published twice yearly, maintains an alumni database, hosts reunions, coordinates alumni homecoming activities, sponsors the Student Alumni Council (https://unkalumni.org/students/student-alumni-council), and the Gold Torch Mentoring Society (https://unkalumni.org/students/gold-torch-society) (a women’s mentoring organization). The alumni also facilitate the Distinguished Alumni, Alumni Service, Young Alumni, and Athletic Hall of Fame awards that are given each year during homecoming.
The Alumni House is located at 2222 9th Avenue in Kearney. The facility built in 1907 is on the National Register of Historic Places. It was built to be the residence of Dr. A.O. Thomas, the first president of the Nebraska State Normal School.

In 2012, the UNK Alumni Association partnered with the Nebraska University Foundation to better utilize resources and serve the alumni as well as the university. The alumni staff offices at 214 West 39th Street in Kearney.

Assessment

The assessment of student learning at UNK is viewed as a formative process that enables faculty and staff to use results to focus on enhancement of teaching and improvement of student performance. The Assessment Program at UNK focuses on the need for development and utilization of assessment of student learning in a systematic and continuous manner. Faculty ownership of the assessment process is the overall goal for successful implementation and utilization of assessment data at UNK.

The Director of Assessment has responsibility for oversight of assessment at UNK. This includes development of a strategic assessment plan and oversight of assessment across campus. The Director of Assessment works closely with faculty, staff, and Department Chairs on assessment planning and implementation. The Director of Assessment also oversees the university’s Assessment Committee, which provides guidance and oversight in meeting the goals of the assessment program at UNK.

Visit the website at www.unk.edu/about/files/unk-tobacco-free-policy.pdf for more information about assessment at UNK.

Building Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Building Name</th>
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<tbody>
<tr>
<td>ALUM</td>
<td>Alumni House</td>
</tr>
<tr>
<td>ANTH</td>
<td>Antelope Hall</td>
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<tr>
<td>BHS</td>
<td>Bruner Hall of Science</td>
</tr>
<tr>
<td>CMCT</td>
<td>Communications Center</td>
</tr>
<tr>
<td>COE</td>
<td>College of Education</td>
</tr>
<tr>
<td>CONH</td>
<td>Conrad Hall</td>
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<tr>
<td>COPH</td>
<td>Copeland Hall</td>
</tr>
<tr>
<td>CPST</td>
<td>Cope Stadium</td>
</tr>
<tr>
<td>CTW</td>
<td>Centennial Towers West</td>
</tr>
<tr>
<td>CTE</td>
<td>Centennial Towers East</td>
</tr>
<tr>
<td>CUP</td>
<td>Central Utilities Plant</td>
</tr>
<tr>
<td>CUSH</td>
<td>Cushing Coliseum</td>
</tr>
<tr>
<td>FAB</td>
<td>Fine Arts Building</td>
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<tr>
<td>FABW</td>
<td>Fine Arts Art Wing</td>
</tr>
<tr>
<td>FAC</td>
<td>Facilities Building</td>
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<tr>
<td>FFB</td>
<td>Foster Field</td>
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<tr>
<td>FRNK</td>
<td>Frank Museum</td>
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<tr>
<td>GSB</td>
<td>General Services Building</td>
</tr>
<tr>
<td>GRNH</td>
<td>Greenhouse</td>
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<tr>
<td>HSC</td>
<td>Health and Sports Center</td>
</tr>
<tr>
<td>HSEC</td>
<td>Health Science Education Complex</td>
</tr>
<tr>
<td>LIBR</td>
<td>Calvin T. Ryan Library</td>
</tr>
<tr>
<td>MANH</td>
<td>Mantor Hall</td>
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<tr>
<td>MARH</td>
<td>Martin Hall</td>
</tr>
<tr>
<td>MENH</td>
<td>Men's Hall</td>
</tr>
<tr>
<td>MONA</td>
<td>Museum of Nebraska Art</td>
</tr>
<tr>
<td>MSAB</td>
<td>Memorial Student Affairs Building</td>
</tr>
<tr>
<td>NFH</td>
<td>North Field House at Foster Field</td>
</tr>
<tr>
<td>NSTH</td>
<td>Nester Hall</td>
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<tr>
<td>NSU</td>
<td>Nebraskan Student Union</td>
</tr>
<tr>
<td>OCKC</td>
<td>Ockinga Seminar Center</td>
</tr>
<tr>
<td>OTOL</td>
<td>Otto Olsen</td>
</tr>
<tr>
<td>RANH</td>
<td>Randall Hall</td>
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<tr>
<td>SFTC</td>
<td>Safety Center (Cope Nebraska)</td>
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<tr>
<td>SFTCA</td>
<td>Safety Center Addition (Cope Nebraska)</td>
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<tr>
<td>SFTCS</td>
<td>Safety Center South (Cope Nebraska)</td>
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<tr>
<td>THMH</td>
<td>Thomas Hall</td>
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<tr>
<td>UF</td>
<td>University of Nebraska Foundation</td>
</tr>
<tr>
<td>URN</td>
<td>University Residence North</td>
</tr>
<tr>
<td>URS</td>
<td>University Residence South</td>
</tr>
<tr>
<td>WRNH</td>
<td>Warner Hall</td>
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<tr>
<td>WSTC</td>
<td>West Center Building</td>
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<tr>
<td>VFLT</td>
<td>Village Flats</td>
</tr>
</tbody>
</table>

Tobacco Free Campus Policy

The use of all forms of tobacco products is prohibited on University of Nebraska at Kearney property with the exception of parking lots. The prohibition extends to vehicles and venues owned, operated, leased, occupied or controlled by the University.

“Tobacco products” includes all forms of tobacco, inclusive of but not limited to, cigarettes, cigars, pipes, water pipes (hookah), electronic cigarettes and similar devices, and smokeless tobacco products.

Enforcement of the policy relies on the respect and cooperation of all members of the University community.

For more information, please visit: http://www.unk.edu/about/files/unk-tobacco-free-policy.pdf.

Computing Policies

Guidelines for the Use of Information Technology Resources (http://www.unk.edu/offices/its/its_main_page_tabs-files/Policies/guidelines-for-the-use-of-information-technology-resources.pdf) at the University of Nebraska at Kearney and the University of Nebraska Policy for Responsible Use of University Computers and Information Systems (https://nebraska.edu/docs/president/16%20Responsible%20Use%20of%20Computers%20and%20Info%20Systems.pdf) detail the University’s computer policies. For more information about policies and procedures, please refer to the University of Nebraska at Kearney’s Policies and Procedures (http://www.unk.edu/about/policies.php) page.
Facilities

There are 49 buildings on the 514-acre campus of UNK. The major buildings are:

William E. Bruner Hall of Science

Built in 1966, the original Bruner Hall of Science footprint was 84,900 gross square feet, but in 1987 a 15,320 GSF Lecture Hall added three additional levels. In 2004 deferred maintenance renovations upgraded building systems at a cost of $6.4 million. In 2009 a $14 million renovation addressed the upgrade of 47,000 GSF, the razing of Mary Morse Lecture Hall and the construction of a 17,800 GSF new addition. The renovation upgraded and enhanced teaching and research labs and support spaces within the existing building. The addition features a new planetarium and offices for the Health Science Programs (p. 413), classrooms and student lounge space. Other departments occupying the building are Biology (p. 171), Chemistry (p. 181) and Physics (p. 349) and Astronomy (p. 349).

Calvin T. Ryan Library

This building was erected in 1963. An addition in 1983 doubled the size of the facility. The Learning Commons (p. 472) (which includes Subject Tutoring and the Writing Center) is housed in the Library. The attached Mitchell Center includes radio and television broadcasting facilities and houses the Communication Department (p. 190) and Antelope Newspaper offices.

College of Education Building

Completed in 2002, the College of Education Building is a 50,000 square foot building with state-of-the-art technology. The building has been designed with the needs of teaching and clinical education as its focus. Six large classrooms are equipped with electronic teaching stations, wireless computer capabilities and the potential for computer-assisted teaching in a variety of teaching configurations. Fifty faculty offices are provided for the departments of Counseling and School Psychology (p. 207), Communication Disorders (p. 203), Educational Administration and Teacher Education (p. 390), along with other spaces for the Dean of Education, advising, teacher certification activities, and administrative support.

Communications Center Building

Part of the former State Hospital complex acquired in 1972, this renovated building is used by University Communications & Marketing on the first level, Video Services on the second level and eCampus on the third level.

Copeland Hall

Built and used as the campus gymnasium from 1918 to 1961, this building was used for offices and classes until 1995 when a classroom addition was built. The original building was renovated in 1996 and now houses the Departments of Sociology (p. 385), Geography and Earth Science (p. 248); History (p. 252); and Psychology (p. 372).

Cushing Health, Physical Education and Recreation Facility

Originally constructed in 1961, this facility has undergone extensive renovation. The renovated building houses classrooms, offices, laboratories, locker facilities, an indoor running track, racquetball, tennis, basketball and volleyball courts. These facilities service recreation and intramural programs in addition to space for intercollegiate athletic teams and the Department of Kinesiology and Sport Sciences (p. 276).

In August 2014, the $6.5 million Wellness Center opened in the northeast corner of Cushing Coliseum. It is a modern 19,000-square-foot facility that features a Physical Activity and Wellness Lab, a large fitness center and rock climbing wall.

Facilities Building

This brick structure houses offices and work areas for Facilities Management and Planning and UNK Police.

Fine Arts Building

This building houses the department of Music, Theatre and Dance (p. 326). It opened in January, 1970, and in 1979 a wing was added to house the Department of Art and Design (p. 154) and the Walker Art Gallery. The Fine Arts Recital Hall and Miriam Drake Theatre on the first level and the Studio Theatre on the lower level provide space for student and faculty performances.

G. W. Frank Museum of History & Culture

The Frank Museum is located in one of the largest mansions built during Kearney’s 19th century industrial boom. Completed in 1890, the home of George and Phoebe Frank was notable for its opulence and modernity, featuring hand-carved oak woodwork, electric lighting, indoor plumbing, steam heating, large fireplaces, and other modern amenities. Following Kearney’s collapse in the mid-1890s, the building served as both a private sanitarium and the residency for the Nebraska State Hospital for the Tubercular (now the West Campus of UNK). Today, the museum’s mission is to engage diverse audiences with the history and culture of Kearney, Nebraska, and the larger Great Plains region through collecting, preserving, and sharing the stories of the many individuals associated with this historic site. Listed on the National Register of Historic Places, the Frank Museum serves as a living institution, interpreting the home and its cultural resources, and is dedicated to exploring our past as a way of better understanding our present and future. Throughout the year, the museum is available for public and private tours, school trips, university functions, and as a resource for class projects.

General Services Building

Originally built as the Military Science building in 1969, this building now houses the public offices of Facilities Management and Planning.

Health and Sports Center

Dedicated during the fall of 1990, this facility houses UNK’s indoor spectator sports. In addition, offices for the UNK intercollegiate athletics sports teams and the Athletic Director staff, locker facilities, equipment rooms, athletic weight area, athletic training facilities, wrestling and martial arts rooms are located in the building. Concession and restroom facilities serve spectators utilizing the 5,100-seat arena.
Health Science Education Complex (http://www.unk.edu/academics/nursing/health-science-education-complex.php)

Dedicated in August 2015, the Health Science Education Complex is a $19 million, 46,000 square feet state-of-the-art facility. This complex represents an inter-campus partnership between the University of Nebraska Medical Center and University of Nebraska at Kearney to help address current and projected nursing and allied health workforce shortages in rural Nebraska. The Health Science Education Complex houses seven programs: nursing and graduate nursing, physician assistants, physical therapy, clinical laboratory science, radiography, and diagnostic medical sonography (allied health professions). In addition, the complex building includes seven classrooms, fourteen extensive simulation, and five clinical skills laboratories for pre-clinical education and complex clinical scenarios, learning studio and seminar rooms, health assessment laboratories and simulated primary care spaces, a gross anatomy lab, administrative, faculty and staff office spaces to accommodate current and expanded numbers of faculty and staff members, and secure storage spaces for research and academic records.

Memorial Student Affairs Building

Constructed in 1956 and remodeled in 1964 and 1984, this building houses the Dean for Student Affairs, Admissions, Campus Post Office, Academic and Career Services Office (p. 470), First Year Program (p. 472), Student Support Services (p. 471), Financial Aid (p. 446), Women’s Center and Student Health & Counseling (SHC) (p. 473).

The Museum of Nebraska Art (p. )

Located on the Bricks in downtown Kearney, the Museum of Nebraska Art (MONA) is housed in a beautifully renovated 1911 Renaissance revival building listed on the National Register of Historic Places, providing an ideal setting for its collection of over 6,000 works. Dedicated to telling the story of Nebraska through the art of Nebraska, MONA exhibits the work of a distinguished and diverse group of artists with a tie to Nebraska or by artists from around the world who have depicted Nebraska subjects. Originally a Post Office, the building was remodeled and expanded in 1993 and includes an outdoor sculpture garden. The UNK community of students, faculty, and staff visit and are welcomed to MONA for a variety of classes, programs, and activities.

The Nebraskan Student Union

This building was opened in 1964. A major renovation and addition was completed in 2002 adding 25,000 square feet. In 2018, a $6 million renovation was completed to the space creating improved dining and meeting spaces. The Nebraskan houses union administrative offices, the Office of Multicultural Affairs (p. 472) as well as student activity offices, UNK food service operations, the campus bookstore and conference space.

Ockinga Seminar Center

This building was built as a gift from the Clara Ockinga estate and provides two seminar rooms used by the University and the public as well as the office of International Education (http://unkcms.unk.edu/academics/international_studies).

Otto Olsen Building

Built in 1957, this structure houses Industrial Technology (p. 262), Cyber Systems (p. 214), Information Technology Services (http://www.unk.edu/offices/its) and the UNK Child Development Center (http://www.unk.edu/offices/business_services/child_development_center).

Residence Halls (p. 473)

UNK has 10 traditional residence halls and Village Flats apartments to accommodate students residing on campus. Mantor, Randall, URN, URS & Men's hall have traditional double rooms with shared bathrooms on each floor. CTE & CTW is a semi-suite residence hall with a private bathroom shared between two rooms. Antelope & Nester Hall has 2 & 4 person suites with kitchenette, living area and bathrooms shared in a suite environment while allowing students to have individual bedrooms. Village Flats apartments serve as a housing option for married students, students' with families or non-traditional age students. Each apartment has a kitchen, living area and bathroom. Students are able to choose from a one or two bedroom apartment.

Ron & Carol Cope Center for Safety Education and Research

Constructed in 1981, the area includes a driving range and provides space for services offered by the Nebraska Safety Center (p. ).

A. O. Thomas Hall

A campus school from 1926-1963, it now houses the Departments of English (p. 229), Modern Languages (p. 317) and Philosophy (p. 442).

Warner Hall

Opened in 1977 and dedicated to the original faculty of UNK, this facility now serves as the administrative hub of the University. Offices include the Chancellor and Vice Chancellors, Dean of Graduate Studies, Finance, Student Records and Registration, Office of Equity and Compliance, Sponsored Programs and Research Development, and faculty offices and classrooms for Departments of Criminal Justice (p. 208), Mathematics and Statistics (p. 310), Political Science (p. 362), and Social Work (p. 382) in the College of Arts and Sciences.

West Center

In 1972 UNK acquired the former State Hospital complex. A major renovation was completed in 2001 and now provides facilities for the College of Business and Technology Dean, Departments of Accounting, Finance, and Economics (p. 147), Family Studies (p. 241), Management (p. 294), Marketing, Agribusiness, and Supply Chain Management (p. 302), and the College of Business and Technology Centers for Economics Education, Rural Research & Development, Nebraska Safety Education and Nebraska Business Development.

Glossary

Comprehensive Major

A series of courses prescribed by an academic department which result in an area of specialization. The comprehensive major is an alternative to the selection of a major and minor in meeting baccalaureate degree requirements.
Degree Audit
An analysis of a student’s progress toward meeting degree requirements. The Audit provides a summary of institutional requirements, General Studies and major/minor program requirements. Students can access their degree audit through MyBLUE.

Elective
A course in the curriculum in the choosing of which a student has some options, as opposed to a required course. The term free or unrestricted elective denotes that the student either has complete choice in the selection of a course or choice among courses in several different fields. A restricted elective is one limited to a certain discipline or group of disciplines, such as an English elective or a social science elective.

Endorsement, Teaching Field Endorsement
A field of study in a broad area which qualifies a person for graduation and eligibility for certification to teach in the State of Nebraska. The field endorsement will normally qualify a person for teaching two or more subjects, i.e., Social Science includes the subjects of History, Economics, Geography, Political Science, Psychology and Sociology.

Endorsement, Teaching Subject Endorsement
Study in a specific subject area leading to teacher certification.

Major
A student’s chosen field of study. The major may fall within a single department of instruction or may overlap several departments. In the latter case, the major is described as a combination or interdisciplinary major.

Matriculation
The first registration following admission as a classified student.

Minor
A student’s secondary field of study.

Senior Check
A Senior Check is a final listing of the degree requirements remaining for the student to complete. The Office of the Registrar will follow the Senior Check for graduation checkout. Students may request a Senior Check once they have reached senior standing (89 or more earned credit hours).

Supplemental Endorsement
A program of study (e.g. coaching, driver’s education) which can be used to complement field or subject endorsement(s). A supplemental endorsement cannot be used to meet graduation requirements in teacher education.

Transcript
A copy of the permanent academic (educational) record at an institution of higher education. It becomes an official transcript when the seal of the institution is affixed and the signature of the Registrar is appended.

Governance
University of Nebraska Board of Regents (https://nebraska.edu/regents/board-members)
Student Regents (https://nebraska.edu/regents/board-members)
University of Nebraska Central Administration (http://www.nebraska.edu/administration.html)

University of Nebraska at Kearney Administration
- Douglas A. Kristensen, J.D., Chancellor
- Charles J. Bicak, Ph.D., Senior Vice Chancellor for Academic and Student Affairs
- Jon Watts, M.A., Vice Chancellor for Business & Finance
- Marc Bauer, M.A.Ed., Director of Intercollegiate Athletics
- Kelly H. Bartling, M.A., Assistant Vice Chancellor for Communications and Community Relations

University of Nebraska at Kearney Deans
- Ryan Teten, Ph.D., Dean of Arts and Sciences
- Tim Jares, Ph.D., Dean of Business and Technology
- Grace Mims, Ph.D., Interim Dean of Education
- Mark Ellis, Ph.D., Dean of Graduate Studies
- Janet Stoeger Wilke, M.S., M.A.L.I.S., Dean of the Library
- Gilbert Hinga, Ph.D., Dean for Student Affairs

History
In March of 1903, House Roll No. 1 of the State Legislature appropriated $50,000 to build a normal school in western Nebraska. In September of that same year, after 111 ballots, the State Board of Education accepted the City of Kearney offer of twenty acres and Green Terrace Hall at the western edge of the city to become the site. On October 18, 1904, the cornerstone of the first building was laid; in the summer of 1905, Nebraska State Normal School at Kearney offered its first classes in Kearney Public School facilities. The first classes on campus were held that fall.

In 1921, the name of the institution was changed to Nebraska State Teachers College at Kearney. In 1963, it became Kearney State College. Both name changes were a part of system-wide changes for the state colleges.

In 1989, however, a legislative act, LB247, moved the institution from the State College system to the University of Nebraska system. After Supreme Court review, Kearney State College became The University of Nebraska at Kearney on July 1, 1991.

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State Representative C.J. Warner of Waverly introduced the 1903 bill creating the institution; his son, State Senator Jerome Warner, introduced the bill making UNK a part of the University.

Nine presidents/chancellors have served the institution:
- A.O. Thomas, Ph.D., 1905-1913
- George S. Dick, Ph.B., 1914-1919
- George Martin, A.M., 1919-1936
How to Use the Catalog

Welcome to the University of Nebraska at Kearney Undergraduate Catalog. This website contains the full catalog information, accessible by navigating the menu above. Each section is described below.

The Academic Calendar (p. 8) in the beginning of this catalog emphasizes noteworthy dates in the academic year.

The General Information (p. 451) section provides a history of UNK, as well as information about the facilities and policies on campus.

The Admissions Information (p. 27) section outlines the appropriate procedures for applying to UNK as a freshman or transfer student.

The Financial Information (p. 445) section provides specific figures about the cost of a UNK education. Students will find information regarding room and board, books and other fees in order to plan for expenses, as well as information about how UNK can help qualified students meet educational expenses with financial assistance through a combination of scholarships, grants, loans and part-time employment.

The General Studies Information (p. 459) section explains the General Studies Program in detail, including the list of General Studies courses.

The Academic Information (p. 9) section explains the degrees, academic programs, and opportunities available to students. The Academic Regulations detail the various procedures, requirements and regulations that affect students while at UNK. The institutional academic policies described in the Academic Information section are subject to change. While program-specific requirements are tied to the student's catalog, every student is held to the most current version of the institutional academic policies.

The General Studies Information (p. 459) section explains the General Studies Program in detail, including the list of General Studies courses.

The Student Life and Co-Curricular Activities (p. 470) section introduces students to useful services and provides descriptions on the many clubs and organizations at UNK.

In Programs of Study (p. 145), requirements for the degree programs, minors and endorsements are detailed. These are listed in alphabetical order.

Descriptions of the courses offered by UNK are available in the Courses (http://catalog.unk.edu/graduate/courses) section, including the number, title, hours, and a brief summary of the course content.

Information about the UNMC College of Nursing - Kearney Division (p. 439), including admission procedures, program of study and course offerings is listed in this separate section.

The Faculty (http://catalog.unk.edu/graduate/faculty) section lists full-time faculty members in alphabetical order.

In addition, lists of the Bachelor's degree programs organized by degree type are available under letter B of the index (p. 25). A list of minors (p. 145) is also available.

General Studies Portal and Capstone offerings vary by semester. Portal and capstone descriptions for the current semester are available on the General Studies website (p. 459).

For Student Affairs policies and information, please visit the Student Affairs (http://www.unk.edu/student_affairs) website.

Mission

UNK Mission

The University of Nebraska at Kearney is a public, residential university committed to be one of the nation’s premier undergraduate institutions with excellent graduate education, scholarship, and public service.

UNK Vision

The University of Nebraska at Kearney will achieve national distinction for a high quality, multidimensional learning environment, engagement with community and public interests, and preparation of students to lead responsible and productive lives in a democratic, multicultural society.

Key to such improvement will be: clear focus on mission imperatives, fidelity to historic core values, and continuous and rigorous self-appraisal or assessment of outcomes.

Police and Parking Services

General Services Building
(308) 865-8911
www.unk.edu/police/ (http://www.unk.edu/police)

Police and Parking Services partners with students, faculty, staff and visitors to provide a safe, protected and orderly environment. This is to include, but not limited to, enforcing all University policies, state, federal and local laws, providing security, crime prevention resources, the safe walk service, and monitoring campus parking. Officers are trained through the Nebraska Law Enforcement Training Academy and are commissioned as State Deputy Sheriffs giving them full arrest powers. For more detailed information concerning Police and Parking Services, go to their website (http://unk.edu/police).


A copy of the Annual Campus Security, Crime Awareness and Fire Report is available upon request at the Police and Parking Services Office.

- Disclosure (http://www.unk.edu/offices/police/annual_security_report.php)
- Authority/Working Relationship with State and Local Police (http://www.unk.edu/offices/police)
- Reporting of Criminal Activities and Emergencies (http://www.unk.edu/bf/_files/PoliciesAndProcedures.pdf#nameddest=A_Reporting_Emergencies)
- University Notification/Safety Alerts (http://www.unk.edu/bf/_files/PoliciesAndProcedures.pdf#nameddest=Immediate_Notification_Safety_A)
- Crime Stats (http://www.unk.edu/bf/_files/PoliciesAndProcedures.pdf#nameddest=Crime_Stats_Campus_Local_and_Ha)
null
four years of entering, provided the student has appropriate high school preparation, pursues a course of study that is intended for four-year completion, and adheres to prudent practices in pursuing a degree.

These prudent practices include:

- selecting a major early in college and adhering to the same;
- working closely with academic advisors to develop a four-year curricular plan;
- pre-registering early during each semester’s pre-registration period;
- registering for and completing 15-18 credit hours per semester, with acceptable grades;
- working at a job fewer than 20 hours per week;
- in case of a possible delay caused by unavailability of a course, notifying the department chair prior to the end of the semester before that in which the course is needed.

For its part, the University guarantees the student that he or she will be able to enroll in courses that permit graduation in four years, or, if for any reason that is not possible, mutually acceptable alternatives may be provided, including allowing the student to substitute a different course.

The mutual commitment by the university and the student outlined in this resolution will result in four-year graduation.

Adopted by the Board of Regents 6-1-02

Addressing the Regents’ Guarantee that every undergraduate student at the University of Nebraska can be graduated within four years.

At UNK, we are committed to assuring that there are no institutional barriers preventing on-time graduation and that there are multi-layered institutional mechanisms to assist students in achieving timely graduation. Specific actions taken at UNK toward this goal are:

1. Notice of the Regents’ Four-year Guarantee (http://www.nebraska.edu/current-and-prospective-students/four-year-graduation-guarantee.html) is prominently posted on the UNK Admissions Webpage and on tables in the Admissions reception room. It is included in standard information packets given to and/or sent to prospects; it is routinely brought to the attention of prospects by our recruiters, and — in publications such as catalogs and student handbooks — the guarantee is prominently stated.

2. Our strategic plan highlights the fact that we are developing a self-conscious, intentional strategy that will mobilize and enable all student-program-completion capabilities on campus. The strategic plan also highlights the importance of a comprehensive view that integrates academic and nonacademic capabilities.

3. The First Year Program encompasses programming and academic courses purposefully designed to introduce students to university expectations and resources, and to produce better retention and graduation results. We work in partnership with both academic and student affairs departments to facilitate multi-faceted experiences focusing on the learning outcomes where students take responsibility for their own education, develop a strong sense of belonging to campus and school pride. Assessment shows that first year students participating in our program will have a higher rate of success and retention to the institution. Additional areas of focus within these are initiatives we have undertaken to create a better on-campus climate for people of color, who have special needs in a mainly white institution. We are succeeding in attracting more minority students, and we continue to examine what we can do to retain higher proportions of them. We realize that progress in diversifying the faculty and curriculum is critical to attracting and retaining a diverse student body, and we continue to work to improve diversity among our faculty and staff.

4. UNK has undergone a major shift in the campus culture regarding assessment over the past several years, and now assessment is a major part of our academic programs on many levels, but regarding academic outcomes in particular. The effort is aimed at assessing student learning outcomes and then to adjust programs so as to produce better outcomes. Better learning outcomes means more student success, and that translates into more progress toward graduation.

5. The Academic Affairs Committee has established policy that limits the number of credit hours that can be included in academic major and minor programs. In addition, the policy prohibits “hidden prerequisites” that would add to the length of a student’s program.

6. At UNK, the General Studies Program is university-wide, so regardless of the college in which a student begins work toward a degree program, there will be no general studies impediments to changing a major to another college. This maximizes student flexibility and minimizes academic consequences of changing majors. This is particularly important because nationally, and in Nebraska, most students change majors several times before graduating.

7. UNK academic departments are committed to offering courses out of the planned sequence or providing alternate courses to assure that students who need a course to graduate can take it without adding time to their programs if they, through no fault of their own, find that a required course is not scheduled at a time that will permit graduating on time.

8. Every student is assigned an academic advisor and must see the advisor each semester to examine progress. Students are precluded from registering for classes until the advisor has lifted a flag indicating the advising requirement has been met.

9. The Academic and Career Services Office provides additional advising to students seeking such advice, and to all students identified in the Early Warning Referral System. Once classes begin, faculty have the option of submitting an Early Warning Referral to the Advising Center, identifying any student who might be experiencing academic difficulty. These students are then notified by letter and phone and offered assistance that might help them complete their classes successfully. Faculty have found this process to be very helpful and supportive to students.

10. The Writing Center helps all students, and the improved writing skill it imparts bolsters students’ academic success in general.

11. To further support student success on progress toward graduation, UNK has several online tools such as the web-based degree audit system, available to students and advisors. The audit, in particular, is a powerful aid in monitoring progress toward the degree as it provides test scores for proper course placement, GPA breakdowns, and it tracks any substitutions approved by the department.

12. The Registrar’s Office automatically runs degree checks each semester once a student earns 95 or more credit hours. This audit is a summary report of the student’s progress toward graduation and it is automatically sent to the student’s e-mail address and to the student’s advisor(s) electronically.

13. Tutoring for most undergraduate courses is available to all students with an academic need.

14. UNK academic departments offer courses out of the planned sequence and provide alternate courses to assure that students who need a course to graduate can take it without adding time to their
Monitoring Student Progress Toward Graduation

At UNK, we take seriously the commitment to enabling students to be graduated in a timely manner. To this end, we monitor each student in several ways:

1. Every student is assigned an academic advisor and must see the advisor each semester to examine progress. Students are precluded from registering for classes until the advisor has lifted a flag indicating the advising requirement has been met. At that time, the progress of a student and any institutional barriers to that progress can be addressed.

2. The Academic and Career Services Office provides additional advising to students seeking such advice, and to all students identified in the Early Warning Referral System. Once classes begin, faculty have the option of submitting an Early Warning Referral to the Advising Center, identifying any student who might be experiencing academic difficulty. These students are then notified by letter and phone and offered assistance that might help them complete their classes successfully.

3. UNK’s web-based degree audit system, available to students and advisors, is a powerful aid in monitoring progress toward the degree as it provides test scores for proper course placement, GPA breakdowns, and it tracks any substitutions approved by the department.

4. The Registrar’s Office automatically runs degree checks each semester once a student earns 95 or more credit hours. This audit is a summary report of the student’s progress toward graduation and it is automatically sent to the student’s e-mail address and to the student’s advisor(s) electronically.

General Studies

- Appeal Process (p. 466)
- General Studies Courses (p. 460)
- Mission (p. 459)
- Philosophy (p. 459)
- Program-Level Outcomes (p. 459)
- Requirements (p. 460)
- Senior Check of General Studies Requirements (p. 460)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundational Core</td>
<td>Including:</td>
<td>12</td>
</tr>
<tr>
<td>Written Communication (p. 466)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math (p. 464)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral Communication (p. 465)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Democracy in Perspective (p. 461)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portal</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Select one course numbered 188 (p. 465)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distribution</td>
<td>Including:</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>ENG 101</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

Aesthetics (p. 460)
Humanities (p. 464)
Social Sciences (p. 465)
Natural Sciences (p. 464)
Analytical and Quantitative Thought (p. 460)
Wellness (p. 466)

Capstone
Select one course numbered 388 (p. 461) 3
Total Credit Hours 45

1. 22 credit hours in minimum requirements; 5 credit hours of electives
2. If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

A quick look at the entire General Studies Program (p. 460) requirements is also available.

Mission

The UNK General Studies program helps students acquire knowledge and abilities to:

- understand the world,
- make connections across disciplines,
- and contribute to the solution of contemporary problems.

Philosophy

Since the primary purpose of education is intellectual development, the General Studies Program at the University of Nebraska at Kearney is designed to provide broad intellectual knowledge of the diverse academic disciplines. The liberally educated person, free to explore knowledge and wisdom from a broad perspective of human culture and experience, is able to think independently, to question, to analyze, to interpret, and to judge. To achieve these goals, the General Studies Program encourages students to more fully develop their communication skills. The program further encourages students to inquire into the disciplines of the humanities, fine arts, mathematics, and the natural, social, and behavioral sciences. Finally, the program encourages students to become aware of the relationships which exist among the disciplines and to understand how to apply the knowledge gained to personal development as well as contemporary problems in the students' natural, social, economic and political environments.

Program-Level Outcomes

Across the range of disciplines and courses offered, the General Studies Program (p. 459) is designed to develop and demonstrate the following abilities:

1. Evaluate information appropriate to the task.
2. Apply principles of critical thinking to demonstrate integrative learning.
3. Communicate effectively in spoken form.
4. Communicate effectively in written form.
5. Analyze cultural issues within a global context.
6. Evaluate in context significant concepts relating to democracy.
In addition to the six program-level outcomes noted above, there are specific outcomes in the major categories within the General Studies Program.

**Requirements**

45 Credit Hours of General Studies Courses (p. 459)

All UNK students must satisfactorily complete the courses listed within the General Studies areas. Each student seeking a bachelor's degree at UNK must complete 45 credit hours of General Studies courses, in the form of a 12-credit-hour Foundational Core, 3-credit-hour Portal Course, 27-credit-hour Distribution, and 3-credit-hour Capstone Course. Students can take a maximum of 10 credit hours from the same discipline to apply to their General Studies Program. It should be noted that certain majors require that specific General Studies courses be taken. Students should make choices with the guidance of the academic advisor so that their interests and major requirements are met. Colleges and individual programs within a College can, with the approval of the appropriate College committee, require specific General Studies courses which will be listed under the requirements for the degree programs.

To ensure that the General Studies Program provides students with a wide variety of points of view and allows them to concentrate in their junior and senior years on their major subject, students are encouraged to complete the General Studies Program in their freshman and sophomore years.

The primary purpose of the Portal Course is to develop critical thinking skills. Students are strongly encouraged to take the Portal in the first two semesters. All Portal courses are numbered 188. Students may choose to take the Portal in any department. Students transferring to UNK and presenting 24 or more credit hours of General Studies credit at the time of admission are exempt from taking the Portal, but must still complete a total of 45 credit hours of General Studies credit. Exemptions must be applied at the time of initial admission.

The Capstone Course is interdisciplinary and focuses on critical thinking. The Capstone is open to juniors and seniors, and to students within 6 credit hours of completion of their General Studies requirements. All Capstone courses are numbered 388. Students may choose to take the Capstone in any department. The Capstone will require the creation of an original semester project.

**Senior Check of General Studies Requirements**

To ensure completing the General Studies Program requirements in order to graduate on time, students are encouraged to routinely check their degree audit on MyBLUE and request a Senior Check from the Office of Student Records and Registration two semesters before their desired date of graduation.

**General Studies Courses**

General Studies courses designed for students in the Honors Program (p. 22) carry the "H" designation after the course number.

Students can take a maximum of 10 credit hours from the same discipline to apply to their General Studies Program.

**Aesthetics**

3 credit hours required; a maximum of 6 credit hours count as General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Articulate the relevance of the Aesthetics course to their general education.
2. Explain the significance of a work of art within its context (i.e. cultural, historical).
3. Identify the structure of a work of art by describing its elements.
4. Interpret a work of art using concepts appropriate to its medium.
5. Distinguish between works of art from various time periods and cultures.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 100</td>
<td>Art Structure</td>
<td>3</td>
</tr>
<tr>
<td>ART 120</td>
<td>Art Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>DANC 122</td>
<td>Dance Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>MUS 100</td>
<td>Music Appreciation</td>
<td>3</td>
</tr>
<tr>
<td>MUS 101</td>
<td>American Musical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>MUS 106</td>
<td>Introduction to Jazz and Blues</td>
<td>3</td>
</tr>
<tr>
<td>MUS 107</td>
<td>Introduction to Rock and Blues</td>
<td>3</td>
</tr>
<tr>
<td>MUS 159</td>
<td>Piano Fundamentals</td>
<td>2</td>
</tr>
<tr>
<td>MUS 347</td>
<td>Music History and Literature I</td>
<td>3</td>
</tr>
<tr>
<td>MUS 348</td>
<td>Music History and Literature II</td>
<td>3</td>
</tr>
<tr>
<td>THEA 120</td>
<td>Introduction to the Theatre</td>
<td>3</td>
</tr>
<tr>
<td>THEA 121</td>
<td>Completing the Look: The Art of Costuming</td>
<td>3</td>
</tr>
</tbody>
</table>

**Analytical and Quantitative Thought**

0 credit hours required; a maximum of 6 credit hours count as General Studies credit.
The courses in this category are designed to develop and demonstrate the following abilities:

1. Articulate the relevance of the Analytical & Quantitative Thought course to their general education.
2. Express formal relationships using various forms of analytical reasoning.
3. Define problems using techniques appropriate to the discipline.
4. Solve problems using techniques appropriate to the discipline.
5. Draw appropriate inferences from data in various forms.
6. Evaluate analytical results for reasonableness.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSIT 100</td>
<td>Computing Environments</td>
<td>1</td>
</tr>
<tr>
<td>CYBR 108</td>
<td>Computers in Society</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td>4</td>
</tr>
<tr>
<td>CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 103</td>
<td>Computer Science I: Java for Software Development</td>
<td>4</td>
</tr>
<tr>
<td>CYBR 140</td>
<td>The Internet Explained</td>
<td>3</td>
</tr>
<tr>
<td>MATH 330</td>
<td>Math for Elementary Teachers II</td>
<td>3</td>
</tr>
<tr>
<td>MGT 232</td>
<td>Introduction to Scholarly &amp; Creative Activity</td>
<td>3</td>
</tr>
<tr>
<td>MGT 233</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 182</td>
<td>Software Productivity Tools</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 306</td>
<td>Introduction to Predictive Modeling</td>
<td>3</td>
</tr>
<tr>
<td>MUS 200</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
</tr>
</tbody>
</table>

**Capstone Course**

3 credit hours required for General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Evaluate information from more than one academic discipline.
2. Formulate logical connections between disciplines as they relate to the topic.
3. Employ the approach of more than one academic discipline in completing a Capstone project.
4. Synthesize knowledge related to the topic in completing a Capstone project.
5. Communicate effectively in the medium chosen for the Capstone project.

**Students may take any course numbered 388 in any department to satisfy the capstone requirement.**

**Students are encouraged to take the Capstone course in a discipline other than their major or minor.**

The Capstone course is open to juniors and seniors, and to students within 6 credit hours of completion of their General Studies requirements.

For a list of the Capstone offerings for the current semester, see www.unk.edu/academic_affairs/general_studies/PortandCap.php (http://www.unk.edu/academic_affairs/general_studies/PortandCap.php).

**Democracy in Perspective**

3 credit hours required for General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Explain the roles that democratic concepts, including individual rights, play in a just democracy.
2. Analyze how citizens engage in democracy.
3. Evaluate democratic practices across different contexts (such as settings, time, socioeconomic conditions, cultures, and political boundaries).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 121</td>
<td>Artistic Freedom, Censorship and Controversy in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>CJUST 102</td>
<td>Crime, Democracy and Justice</td>
<td>3</td>
</tr>
<tr>
<td>ENG 153</td>
<td>Democratic Vistas</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 323</td>
<td>Political Geography</td>
<td>3</td>
</tr>
<tr>
<td>HIST 176</td>
<td>Democratic Debates</td>
<td>3</td>
</tr>
<tr>
<td>ITEC 225</td>
<td>The Influence of Technology on Democracy</td>
<td>3</td>
</tr>
<tr>
<td>JMC 100</td>
<td>Global Media Literacy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 105</td>
<td>Philosophical Roots of American Democracy</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 140</td>
<td>Democracies Around the World</td>
<td>3</td>
</tr>
<tr>
<td>PSCI 170</td>
<td>Democracy as a Political Idea</td>
<td>3</td>
</tr>
<tr>
<td>SOC 210</td>
<td>Participating in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 170</td>
<td>Introduction to Social Welfare</td>
<td>3</td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td>3</td>
</tr>
</tbody>
</table>

**General Studies Program Requirements**

**General Studies Courses**

General Studies courses designed for students in the Honors Program (p. 22) carry the "H" designation after the course number.

Students can take a maximum of 10 credit hours from the same discipline to apply to their General Studies Program.

**Foundational Core - 12 credit hours**

**Written Communication (p. 466)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>Introduction of Academic Writing</td>
<td>3</td>
</tr>
<tr>
<td>ENG 102</td>
<td>Academic Writing and Research</td>
<td>3</td>
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</tbody>
</table>

**Math (p. 464)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 106</td>
<td>Mathematics for Liberal Arts</td>
<td>3</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Finite Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>
### General Studies Program Requirements

#### MATH 123
- Applied Calculus I
- **3**

#### MATH 230
- Math for Elementary Teachers I
- **3**

#### STAT 235
- Introduction to Statistics for Social Sciences
- **3**

#### STAT 241
- Elementary Statistics
- **3**

### Oral Communication (p. 465)^1

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>ITEC 290</td>
<td>Communicating Through Technology</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
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### Democracy in Perspective (p. 461)^1

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tr>
<td>ART 121</td>
<td>Artistic Freedom, Censorship and Controversy in a Democratic Society</td>
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</tr>
<tr>
<td>ENG 153</td>
<td>Democratic Vistas</td>
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<tr>
<td>GEOG 323</td>
<td>Political Geography</td>
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<td>Democratic Debates</td>
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</tr>
<tr>
<td>ITEC 225</td>
<td>The Influence of Technology on Democracy</td>
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<td>Global Media Literacy</td>
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<tr>
<td>PHIL 105</td>
<td>Philosophical Roots of American Democracy</td>
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<tr>
<td>PSCI 140</td>
<td>Democracies Around the World</td>
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<tr>
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<tr>
<td>SOC 210</td>
<td>Participating in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>SOWK 170</td>
<td>Introduction to Social Welfare</td>
<td>3</td>
</tr>
<tr>
<td>TE 100</td>
<td>Teaching in a Democratic Society</td>
<td>3</td>
</tr>
</tbody>
</table>

### Portal Course (p. 465) - 3 credit hours
- Students may take any course numbered 188 in any department to satisfy the portal requirement.
- Students are encouraged to take the Portal course in a discipline other than their intended major or minor.
- Students are strongly encouraged to complete the Portal course requirement during their first or second semester at UNK. Students transferring to UNK and presenting 24 or more credit hours of General Studies credit at the time of admission are exempt from taking the Portal. Exemptions must be applied at the time of initial admission.
- For a list of the Portal offerings for the current semester, see http://www.unk.edu/academic_affairs/general_studies/PortandCap.php

### Distribution - 27 credit hours \(^2\)

**ENG 101**

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

### Aesthetics (p. 460)^3

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 100</td>
<td>Art Structure</td>
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</tr>
<tr>
<td>ART 120</td>
<td>Art Appreciation</td>
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### Humans (p. 464)^4

<table>
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<tr>
<td>ENG 235H</td>
<td>American Studies</td>
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<td>ENG 240H</td>
<td>Literary Classics of the Western World</td>
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<tr>
<td>ENG 250</td>
<td>Introduction to Literature: British Literature</td>
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</tr>
<tr>
<td>ENG 251</td>
<td>Introduction to Literature: American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 252</td>
<td>Introduction to Literature: Western Civilization</td>
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</tr>
<tr>
<td>ENG 253</td>
<td>Intro to Literature: Non-Western Civilization</td>
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<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics</td>
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</tr>
<tr>
<td>ENG 280H</td>
<td>Special Topics</td>
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<tr>
<td>FREN 200</td>
<td>Intermediate French I</td>
<td>3</td>
</tr>
<tr>
<td>FREN 201</td>
<td>Intermediate French II</td>
<td>3</td>
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<tr>
<td>GERM 200</td>
<td>Intermediate German I</td>
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</tr>
<tr>
<td>GERM 201</td>
<td>Intermediate German II</td>
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<td>GERM 205</td>
<td>Culture, Conversation and Composition</td>
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</tr>
<tr>
<td>HIST 110</td>
<td>History of Science &amp; Medicine</td>
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<tr>
<td>HIST 112</td>
<td>History of Religions in the World</td>
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<tr>
<td>HIST 210</td>
<td>Western Civilization</td>
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<tr>
<td>HIST 211</td>
<td>Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 212</td>
<td>Non-Western World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 215</td>
<td>Introduction to Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HIST 250</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 251</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 100</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 120</td>
<td>Introduction to Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 250</td>
<td>Ancient Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 251</td>
<td>Medieval Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 253</td>
<td>Modern Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 254</td>
<td>Contemporary Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 200</td>
<td>Intermediate Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 205</td>
<td>Culture, Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 154</td>
<td>Cross-Cultural Communication</td>
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### Social Sciences (p. 465)^4

<table>
<thead>
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<th>Title</th>
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<tr>
<td>CJUS 101</td>
<td>Introduction to Criminal Justice</td>
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<tr>
<td>CJUS 375</td>
<td>Comparative Criminal Justice Systems</td>
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</table>
CJUS 380  Minorities and Criminal Justice 3
ECON 100  Contemporary Economic Issues 3
ECON 270  Principles of Economics, Macroeconomics 3
ECON 271  Principles of Economics, Microeconomics 3
ETHS 101  Introduction to Ethnic Studies 3
FAMS 151  Human Sexual Behavior 3
FAMS 351  Marriage and Family Relationships 3
GEOG 104  World Regional Geography 3
GEOG 106  Human Geography 3
GEOG 206  Geography of the United States and Canada 3
INTS 200  Introduction to International Studies 3
ITEC 210  Society and Technology 3
PSCI 110  Introduction to American Politics 3
PSCI 168  Introduction to International Relations 3
PSCI 280H Special Topics 3
PSY 203  General Psychology 3
PSY 230  Human Development 3
SOC 100  Introduction to Sociology 3
SOC 250  Anthropology 3
SOSC 288  Modes of Inquiry Social Sciences 3
SPCH 202  Communication Concepts in Society 3
WSTD 220  Women’s & Gender Studies 3

Natural Sciences (p. 464)⁵

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 103</td>
<td>General Biology</td>
<td>4</td>
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<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>4</td>
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<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 101</td>
<td>Chemistry &amp; Current Events</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 145</td>
<td>Introductory Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Introduction to Organic and Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 160L</td>
<td>and General Chemistry Laboratory</td>
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</tr>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 161L</td>
<td>and General Chemistry Laboratory</td>
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<tr>
<td>GEOG 101</td>
<td>Physical Geography I: The Atmosphere</td>
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</tr>
<tr>
<td>GEOG 102</td>
<td>Physical Geography II: The Lithosphere</td>
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<tr>
<td>GEOG 103</td>
<td>The Dynamic Planet: Hazards in the Environment</td>
<td>3</td>
</tr>
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<td>GEOG 209</td>
<td>Meteorology</td>
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</table>

Physics and Physical Science

<table>
<thead>
<tr>
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<tr>
<td>PHYS 100 &amp; 100L</td>
<td>Physical Science and Physical Science Laboratory</td>
<td>4</td>
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<td>PHYS 107</td>
<td>Physical Science for Elementary Teachers</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 131H</td>
<td>Newton’s Universe</td>
<td>4</td>
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<tr>
<td>PHYS 155 &amp; 155L</td>
<td>Science of Sound and Music</td>
<td>4</td>
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Analytical and Quantitative Thought (p. 460)⁶

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<thead>
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<th>Code</th>
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<tbody>
<tr>
<td>CSIT 100</td>
<td>Computing Environments</td>
<td>1</td>
</tr>
<tr>
<td>CYBR 101</td>
<td>Computer Science I: Python for Analytics</td>
<td>4</td>
</tr>
<tr>
<td>CYBR 102</td>
<td>Computer Science I: C for Security</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 103</td>
<td>Computer Science I: Java for Software</td>
<td>4</td>
</tr>
<tr>
<td>CYBR 108</td>
<td>Computers in Society</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 140</td>
<td>The Internet Explained</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 182</td>
<td>Software Productivity Tools</td>
<td>3</td>
</tr>
<tr>
<td>CYBR 306</td>
<td>Introduction to Predictive Modeling</td>
<td>3</td>
</tr>
<tr>
<td>MATH 330</td>
<td>Math for Elementary Teachers II</td>
<td>3</td>
</tr>
<tr>
<td>MGT 232</td>
<td>Introduction to Scholarly &amp; Creative Activity</td>
<td>3</td>
</tr>
<tr>
<td>MGT 233</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MUS 200</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>PSY 250</td>
<td>Behavioral Statistics</td>
<td>4</td>
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</table>

Wellness (p. 466)⁷

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAMS 110</td>
<td>Introduction to Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>FAMS 160</td>
<td>Personal Money Management</td>
<td>3</td>
</tr>
<tr>
<td>HSCI 140</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>PE 110</td>
<td>Basic Sports Activities</td>
<td>0.5-1</td>
</tr>
<tr>
<td>PE 150</td>
<td>Healthy Wealthy and Wise</td>
<td>3</td>
</tr>
<tr>
<td>PSY 231</td>
<td>Abnormal Behavior and Society</td>
<td>3</td>
</tr>
</tbody>
</table>

Capstone Course (p. 461) - 3 credit hours

- Students may take any course numbered 388 in any department to satisfy the capstone requirement.
- Students are encouraged to take the Capstone course in a discipline other than their major or minor.
- The Capstone is open to juniors and seniors, and to students within 6 credit hours of completion of their General Studies requirements.
For a list of the Capstone offerings for the current semester, see aaunk.unk.edu/catalogs/current/gs/gscurrentcapstone.asp.

1. 3 credit hours required.
2. 22 credit hours in minimum requirements; 5 credit hours of electives.
3. 3 credit hours required; a maximum of 6 credit hours count.
4. 6 credit hours from at least two disciplines required; a maximum of 9 credit hours count.
5. 7 credit hours from at least two disciplines required; a maximum of 11 credit hours count. At least one of the courses must have a laboratory component.
6. 0 credit hours required; a maximum of 6 credit hours count.
7. 0 credit hours required; up to 6 credit hours count.

Humanities

6 credit hours from at least two disciplines required; a maximum of 9 credit hours count as General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Articulate the relevance of the Humanities course to their general education.
2. Analyze primary sources using methodologies appropriate to disciplines in the Humanities.
3. Create coherent positions based on the interpretation of primary sources.
4. Communicate effectively using the modes of discourse appropriate to the discipline.
5. Evaluate primary sources in cultural, historical, literary, or philosophical contexts.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 235H</td>
<td>American Studies</td>
<td>3</td>
</tr>
<tr>
<td>ENG 240H</td>
<td>Literary Classics of the Western World</td>
<td>3</td>
</tr>
<tr>
<td>ENG 250</td>
<td>Introduction to Literature: British Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 251</td>
<td>Introduction to Literature: American Literature</td>
<td>3</td>
</tr>
<tr>
<td>ENG 252</td>
<td>Introduction to Literature: Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ENG 253</td>
<td>Intro to Literature: Non-Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>ENG 254</td>
<td>Introduction to Literature: Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 280H</td>
<td>Special Topics</td>
<td>3</td>
</tr>
<tr>
<td>HIST 110</td>
<td>History of Science &amp; Medicine</td>
<td>3</td>
</tr>
<tr>
<td>HIST 112</td>
<td>History of Religions in the World</td>
<td>3</td>
</tr>
<tr>
<td>HIST 210</td>
<td>Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 211</td>
<td>Western Civilization</td>
<td>3</td>
</tr>
<tr>
<td>HIST 212</td>
<td>Non-Western World History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 215</td>
<td>Introduction to Latin America</td>
<td>3</td>
</tr>
<tr>
<td>HIST 250</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 251</td>
<td>American History</td>
<td>3</td>
</tr>
<tr>
<td>FREN 200</td>
<td>Intermediate French I</td>
<td>3</td>
</tr>
<tr>
<td>GERM 200</td>
<td>Intermediate German I</td>
<td>3</td>
</tr>
<tr>
<td>GERM 201</td>
<td>Intermediate German II</td>
<td>3</td>
</tr>
<tr>
<td>GERM 205</td>
<td>Culture, Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 200</td>
<td>Intermediate Spanish I</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 201</td>
<td>Intermediate Spanish II</td>
<td>3</td>
</tr>
<tr>
<td>SPAN 205</td>
<td>Culture, Conversation and Composition</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 100</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 120</td>
<td>Introduction to Ethics</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 250</td>
<td>Ancient Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 251</td>
<td>Medieval Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 253</td>
<td>Modern Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 254</td>
<td>Contemporary Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 154</td>
<td>Cross-Cultural Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Math

3 credit hours required for General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Apply mathematical logic to solve equations.
2. Describe problems using mathematical language.
3. Solve problems given in mathematical language using mathematical or statistical tools.
4. Interpret numerical data or graphical information using mathematical concepts and methods.
5. Construct logical arguments using mathematical language and concepts.
6. Use mathematical software effectively.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 102</td>
<td>College Algebra</td>
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</tr>
<tr>
<td>MATH 103</td>
<td>Plane Trigonometry</td>
<td>3</td>
</tr>
<tr>
<td>MATH 106</td>
<td>Mathematics for Liberal Arts</td>
<td>3</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Finite Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 123</td>
<td>Applied Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 230</td>
<td>Math for Elementary Teachers I</td>
<td>3</td>
</tr>
<tr>
<td>STAT 235</td>
<td>Introduction to Statistics for Social Sciences</td>
<td>3</td>
</tr>
<tr>
<td>STAT 241</td>
<td>Elementary Statistics</td>
<td>3</td>
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</tbody>
</table>

Students with sufficient preparation may receive General Studies credit for Mathematics & Statistics courses taken at a level higher than those courses listed above.

MATH 090, MATH 101, and MATH 104 do not count as General Studies.

Natural Sciences

7 credit hours from at least two disciplines required; a maximum of 11 credit hours count as General Studies credit. At least one of the courses must have a laboratory component.
The courses in this category are designed to develop and demonstrate the following abilities:

1. Articulate the relevance of the Natural Science course to their general education.
2. Explain how knowledge of natural science is applicable to their lives.
3. Apply appropriate scientific methodology within one of the natural sciences.
4. Evaluate the validity and limitations of scientific theories and claims.
5. (Required for lab courses only) Analyze scientific data acquired through laboratory experiences in one of the natural sciences.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIOL 103</td>
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<tr>
<td>BIOL 105</td>
<td>Biology I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Biology II</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 211</td>
<td>Human Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 215</td>
<td>Human Physiology</td>
<td>4</td>
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</tbody>
</table>

**Chemistry**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 101</td>
<td>Chemistry &amp; Current Events</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 145</td>
<td>Introductory Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 150</td>
<td>Introduction to Organic and Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 160</td>
<td>General Chemistry</td>
<td>4</td>
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<tr>
<td>&amp; 160L</td>
<td>General Chemistry Laboratory</td>
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<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
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<tr>
<td>&amp; 161L</td>
<td>General Chemistry Laboratory</td>
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**Geography**

<table>
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<th>Code</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>GEOG 101</td>
<td>Physical Geography I: The Atmosphere</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Physical Geography II: The Lithosphere</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 103</td>
<td>The Dynamic Planet: Hazards in the</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Environment</td>
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<tr>
<td>GEOG 209</td>
<td>Meteorology</td>
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**Physics and Physical Science**

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>PHYS 100</td>
<td>Physical Science</td>
<td>4</td>
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<tr>
<td>&amp; 100L</td>
<td>Physical Science Laboratory</td>
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</tr>
<tr>
<td>PHYS 107</td>
<td>Physical Science for Elementary Teachers</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 131H</td>
<td>Newton's Universe</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 155</td>
<td>Science of Sound and Music</td>
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<tr>
<td>&amp; 155L</td>
<td>Science of Sound and Music Laboratory</td>
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</tr>
<tr>
<td>PHYS 201</td>
<td>Earth Science</td>
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<tr>
<td>PHYS 205</td>
<td>General Physics I</td>
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<tr>
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<td>General Physics I Laboratory</td>
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<tr>
<td>PHYS 206</td>
<td>General Physics II</td>
<td>5</td>
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<tr>
<td>&amp; 206L</td>
<td>General Physics II Laboratory</td>
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<tr>
<td>PHYS 209</td>
<td>Meteorology</td>
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<tr>
<td>PHYS 210</td>
<td>Astronomy</td>
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<td>General Astronomy Laboratory</td>
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<tr>
<td>PHYS 211</td>
<td>Planetary Astronomy</td>
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<td>&amp; PHYS 210L</td>
<td>General Astronomy Laboratory</td>
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<tr>
<td>PHYS 275</td>
<td>General Physics I (Calculus)</td>
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<tr>
<td>&amp; 275L</td>
<td>General Physics I (Calculus) Laboratory</td>
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</table>

**Oral Communication**

3 credit hours required for General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Evaluate appropriate sources.
2. Utilize effective verbal and non-verbal expressions.
3. Deliver effective speeches appropriate to the context.
4. Orally present a coherent position on an issue.
5. Assess oral argumentation as a critical consumer.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>ITEC 290</td>
<td>Communicating Through Technology</td>
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</tr>
<tr>
<td>SPCH 100</td>
<td>Fundamentals of Speech Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**Portal Course**

3 credit hours required for General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Analyze critical issues confronting the individual and society, including a global context.
2. Interpret an argument through engaged discourse within the discipline.
3. Construct a cogent argument pertaining to the course topic.

*Students may take any course numbered 188 in any department to satisfy the portal requirement.*

Students are encouraged to take the Portal course in a discipline other than their intended major or minor.

Students are strongly encouraged to complete the Portal course requirement during their first or second semester at UNK. Students transferring to UNK and presenting 24 or more credit hours of General Studies credit at the time of admission are exempt from taking the Portal. Exemptions must be applied at the time of initial admission.

For a list of the Portal offerings for the current semester, see [www.unk.edu/academic_affairs/general_studies/PortandCap.php](http://www.unk.edu/academic_affairs/general_studies/PortandCap.php).

**Social Sciences**

6 credit hours from at least two disciplines required; a maximum of 9 credit hours count as General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Articulate the relevance of the Social Science course to their general education.
2. Describe basic concepts and methods used in a social science discipline.
Wellness

0 credit hours required; up to 6 credit hours count as General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities. Students can:

1. Articulate the relevance of the Wellness course to their general education.
2. Describe components of wellness.
3. Recognize the potential consequences of personal choices.
4. Analyze the roles of society in wellness promotion.
5. Develop an action strategy for wellness.

### Written Communication

3 credit hours required for General Studies credit.

The courses in this category are designed to develop and demonstrate the following abilities:

1. Discern a writer’s argument or purpose.
2. Use appropriate sources responsibly.
3. Use context-appropriate conventions of written English.
4. Form and support a coherent position on an issue.
5. Write in a manner appropriate to the audience and context.

### Appeal Process

The Registrar’s Office determines and verifies whether General Studies requirements have been met by individual students. This includes evaluating the equivalency of coursework transferred to UNK from other institutions.

Students wishing to appeal the initial determination by the Registrar’s Office should do the following:

1. Submit a request to the Registrar’s Office identifying which course is to be reevaluated and the specific GS requirement being appealed.
2. Provide supporting materials (such as course syllabi and course descriptions) that support the student’s contention.

The Registrar’s Office will make a final determination regarding whether or not the reviewed course fulfills the GS requirement.

Students wishing to appeal the Registrar’s Office final determination must submit a written request to the Director of General Studies (general.studies@unk.edu).

The written request to review the Registrar’s decision should be accompanied by the following supporting materials:
1. Course syllabi and course description that support the student’s contention
2. Statement of support from academic advisor

The request should be submitted prior to the beginning of the semester in which that student is scheduled to graduate.

The student may appeal the Director’s decision by submitting a written request to the Director for a General Studies Council review of the student’s appeal request. Upon receipt of the request, the Director will place the appeal request on the agenda of the next Council meeting for action (approve or deny) on the request.

The student may appeal the General Studies Council’s decision by submitting a written request to the Senior Vice Chancellor of Academic and Student Affairs (SVCASA) to review the decision. The Director of General Studies will then forward the decision of the Council to the SVCASA.

Programs A-Z

A

• Accounting Minor (p. 151)
• Advanced Occupational Safety Professional (p. 269)
• Advertising and Public Relations Minor (p. 194)
• Advertising and Public Relations, Bachelor of Arts (p. 195)
• Advertising and Public Relations, Bachelor of Science (p. 195)
• Agribusiness Comprehensive, Bachelor of Science (p. 306)
• American Chemical Society Certification Requirements (p. 189)
• Applied Computer Science, Bachelor of Science Degree (p. 221)
• Applied Health Sciences, Bachelor of Science (p. 415)
• Art History Minor (p. 163)
• Art History, Bachelor of Arts (p. 163)
• Art K-12 Teaching Field Endorsement Bachelor of Arts in Education (p. 164)
• Art Minor-Elementary Education (p. 165)
• Art Minor: 2D (p. 165)
• Art Minor: 3D (p. 166)
• Astronomy, Bachelor of Science (p. 354)
• Astrophysics Comprehensive, Bachelor of Science (p. 354)
• Athletic Training Foundations Minor (p. 284)
• Aviation Systems Management Comprehensive, Bachelor of Science (p. 269)

B

• Biology 7-12 Teaching Subject Endorsement, Bachelor of Science in Education (p. 175)
• Biology Comprehensive, Bachelor of Science (p. 176)
• Biology Minor (p. 178)
• Biology, Bachelor of Science (p. 179)
• Business Administration Comprehensive - Business Intelligence Emphasis, Bachelor of Science (p. 222)
• Business Administration Comprehensive - Economics Emphasis, Bachelor of Science (p. 152)
• Business Administration Comprehensive - Management Emphasis, Bachelor of Science (p. 298)
• Business Administration Comprehensive - Marketing Emphasis, Bachelor of Science (p. 307)
• Business Administration Comprehensive - Supply Chain Management Emphasis, Bachelor of Science (p. 308)
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Student Affairs

Student Life and Co-Curricular Activities

Student Services
Memorial Student Affairs Building
www.unk.edu/student_affairs (http://www.unk.edu/student_affairs)

The University of Nebraska at Kearney is committed to providing students with the resources they need to achieve academic success. Within the Division of Student Affairs, the offices of Student Services include Academic and Career Services, Academic Success Offices, Counseling and Health Care, and First Year Program.

• Academic and Career Services (p. 470)
• Academic Success Offices (p. 471), including
  • Disability Services
  • Student Support Services
  • Kearney Bound Program
• CARE Team (p. 471)
• Student Health & Counseling (p. 473) (SHC)
• First Year Program (p. 472)

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Residence Life
• Residence Life (p. 473)

Student Life
Nebraskan Student Union
(308) 865-8523
www.unk.edu/nsu (http://www.unk.edu/nsu)

The University has a strong commitment to enhancing student learning outside of the classroom as well as to heighten the traditional academic setting. Within the Division of Student Affairs, the Office of Student Life includes the Nebraskan Student Union, Student Activities and Student Organizations, Multicultural Affairs, and Greek Life.

• The Nebraskan Student Union (http://www.unk.edu/offices/student_life/nebraskan_student_union.php)
• Student Activities and Student Organizations (p. 473)
• Multicultural Affairs (p. 472)
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• Student Conduct (p. 473)

Sports and Intramurals
• Campus Recreation (p. 471)
• Intercollegiate Athletics (p. 472)

Academic and Career Services
Memorial Student Affairs Building
(308) 865-8501
www.unk.edu/offices/acs (http://www.unk.edu/offices/acs)

Undergraduate students have a variety of needs as they progress through their education.

• Freshmen often need assistance determining goals, selecting a major and identifying the resources available for success.
• Sophomores are in the process of solidifying their choices and, in some cases questioning their original decisions. Classes may be harder now so Sophomores often need to utilize resources for academic success.
• Juniors need to start thinking about their future career plans as well as concentrating on academic excellence. During their Junior year, students should start developing a professional resume, looking at internship opportunities and identifying potential employers and/or graduate schools.
• The Senior year requires students to initiate their job searches and finalize their plans after graduation.

The Academic and Career Services Office helps students at all steps of their progress.

• The office provides academic and career advising for students who have not yet selected a major or for those who are unsure of their initial choice.
• Assistance in goal setting, interest assessment and major/career exploration is provided for all students.
• Students who are having academic difficulty are helped through the Early Warning Referral system and personal contact for students who are on academic probation.

• Student support systems are enriched with the P.A.S.S. program which allows students and their parents or guardians to partner with the University to build success.

When it comes time to search for a job, the Academic and Career Services Office provides assistance with resume development and practice interviews.

• Sponsors three annual Career and Internship fairs with over 200 employers participating.

• Provides each student with a free account in Handshake, where they can upload resumes, search for professional job postings, and connect with potential employers.

• Provides numerous workshops and class presentations to help students prepare for the transition from college to the workplace.

Academic Success Office
Memorial Student Affairs Building, Room 163
(308) 865-8214
www.unk.edu/offices/academic_success

Academic Success is committed to the retention of UNK students by providing resources to assist in achieving academic success and gaining access to key services at the University of Nebraska at Kearney.

Students looking for information and referral should visit the Academic Success Offices in the Memorial Student Affairs Building, Room 163, or call at (308) 865-8214, and the staff will connect them with the appropriate service housed within Academic Success.

Disability Services for Students (DSS)
Memorial Student Affairs Building, Room 175
(308) 865-8214

DSS assists students who have a documented disability – defined as learning, physical, medical, and/or psychological impairments that significantly limit or restrict a major life activity. To arrange accommodations both in and out of the classroom most efficiently, students should schedule an appointment with DSS before the semester begins.

Student Support Services (SSS)
Memorial Student Affairs Building, Room 172
(308) 865-8988

This federally-funded TRIO program offers comprehensive, individualized academic support for students who are first generation, income eligible, or have a documented disability. Academic and peer mentors provide guidance to freshmen using a structured mentoring program. Advisors provide academic advising, financial aid counseling, financial literacy, scholarship assistance and graduate school exploration.

Kearney Bound Program
Memorial Student Affairs Building, Room 169
(308) 865-1593

Kearney Bound is a cooperative program between selective high schools and UNK. The program is an opportunity for first generation high school students to earn a four year comprehensive scholarship to attend UNK as well as receive academic support services.

Computer Access
Calvin T. Ryan Library, Second Floor
Memorial Student Affairs Building, Room 163
(308) 865-8214

Academic Success provides computers with internet access as well as coaching for common computer applications. Testing for students with accommodations is available in the Memorial Student Affairs Building computer lab.

Classes
Foundations for Learning Classes
LNSK 103

This three-credit-hour transition class is strongly recommended for first year and transfer students. Students learn how to approach new ideas, study effectively, perform better in class discussions and on tests, and become familiar with campus opportunities and resources. For class listings, contact (308) 865-8989 or visit online.

Campus Recreation
Cushing Coliseum 119
(308) 865-8849
www.unk.edu/campusrec

University of Nebraska at Kearney Campus Recreation is here to ensure that all students have an opportunity to maintain physical fitness, socialize, de-stress and have fun. There are informal recreational opportunities to swim, workout on cardio machines, lift weights or play basketball/volleyball/racquetball/etc. individually or with friends. All patrons must present their UNK ID card to verify eligibility.

Additionally, the popular intramural program allows students to play a wide variety of competitive organized events. Some of the many events that are offered include: flag football, volleyball, basketball, soccer, softball, broomball, Turkey Trot 5K, table tennis, trap shooting, disc golf and many others. Check the annual schedule for a full list of events. The health and social benefits of participating in intramural programs will enhance the university experience of all participants.

Care (Concerning and Risky Events) Team
Memorial Student Affairs Building
(308) 865-8248
http://www.unk.edu/student_affairs/care-team.php

The Division of Student Affairs Office assists students, faculty, and staff with any issues or concerns that may affect a student's ability to succeed at UNK. Concern for a student may require referral to other resources for specific attention. For available resources, refer to the CARE Team web page at www.unk.edu/student_affairs/care-team.php. For immediate assistance call the UNK Police Department at (308) 627-4811 or 911. Please contact the Associate Dean of Student Affairs to make a referral at (308)
First Year Program

Memorial Student Affairs Building 114
(308) 865-8291
Email: firstyear@unk.edu
Website: www.unk.edu/firstyear (http://www.unk.edu/student_affairs/firstyear)

The First Year Program at the University of Nebraska at Kearney is designed to help incoming students transition from high school or a previous institution to the University. First-year students are encouraged to participate in a variety of special programs, which are designed to provide the tools necessary for a UNK first-year student to be successful in and out of the classroom. Beginning at New Student Enrollment through Blue & Gold Welcome, and continuing throughout their first year, students will receive support for academic excellence, discover networks of fellow students, staff and faculty, and develop a sense of belonging and Loper Pride.

First-year students can consider the First Year Program Office their number one resource and their campus information center. If students have questions or concerns, they can contact the First Year Program office for the best solution. First Year is here to point students in the right direction!

To discover all of the programs and opportunities the First Year Program offers, go to www.unk.edu/firstyear to learn more!

Fraternity & Sorority Life

Nebraskan Student Union
(308) 865-8057
www.unk.edu/offices/student_life/greek_affairs (http://www.unk.edu/offices/student_life/greek_affairs)

The mission of the Office of Fraternity & Sorority Life at the University of Nebraska at Kearney is to enhance the overall student experience through membership in Student Organizations. Members of Greek Organizations are encouraged to emphasize five fraternal values: Academic Excellence, Community Service and Philanthropic Involvement, Member Development, Brotherhood and Sisterhood, and Leadership. We work to establish and foster positive relations with administration, faculty, and Greek and non-Greek student organizations. Through these endeavors, the Office of Fraternity & Sorority Life strives to complement the mission of the Division of Student Affairs and the mission of the University of Nebraska at Kearney.

Intercollegiate Athletics

Health and Sports Center 103
(308) 865-8514
www.lopers.com (http://www.lopers.com)

Intercollegiate Athletics at the University of Nebraska Kearney is an integral part of the institution. Loper Athletics serves as a vital component of the University in an environment of integrity and equity that empowers student athletes in pursuit of academic excellence, athletic success and community engagement. UNK Athletics is a proud member of the Mid-America Intercollegiate Athletics Association (MIAA) and competes at the NCAA Division II national level. The Athletic Department sponsors the following sports programs: Men's and Women's Basketball, Men's and Women's Cross Country, Football, Women's Golf, Softball, Women's Soccer, Women's Swimming and Diving, Women's Tennis, Men's and Women's Track and Field, Volleyball and Wrestling. UNK students receive FREE admission to all regular season home events with their UNK Student ID. For more information visit www.lopers.com (http://www.lopers.com).

Learning Commons

Calvin T. Ryan Library, Second Floor
(308) 865-8905
www.unk.edu/lc (http://www.unk.edu/lc)

The Learning Commons is a collaborative service consisting of Language Support, Subject Tutoring, Success Coaching, Supplemental Instruction, the Writing Center and Library support.

Language Support

Language Leaders help to improve students' pronunciation, vocabulary and grammar by engaging native and fluent speakers with language learners in natural, one-on-one conversation. Additional special events like group language tables, movie nights, and game nights provide fun opportunities for students to improve speaking proficiency in a fun and social environment.

Subject Tutoring

Subject Tutors provide walk-in assistance for general studies classes with a focus on general studies math, science, language and business courses. Special test reviews and weekly study groups provide additional support in a collaborative group setting. To get the most out of subject tutoring, students should seek help as soon as they know they need it. Access the tutoring schedule online or in the Learning Commons.

Success Coaching

Success Coaches offer one-on-one academic support to all UNK undergraduate students. Success Coaches help students with organization, exam preparation, time management, note-taking, memorization, or any other academic skill.

Supplemental Instruction (SI)

SI leaders work directly with instructors to offer review sessions in selected general studies classes. Contact the Learning Commons at (308) 865-8905 for a list of current SI courses. The SI schedule is posted each semester on the Learning Commons website.

Writing Center

Writing Center tutors assist UNK students, staff and faculty at any stage of the writing process. Make an appointment by calling (308) 865-8905, or in person at the Welcome Desk. (http://tutortrac.unk.edu) Walk-ins are accommodated as the appointment schedule allows.

Multicultural Affairs

Nebraskan Student Union, Room 107
(308) 865-8127
www.unk.edu/oma (http://www.unk.edu/offices/oma)

Part of the Office of Student Life, Multicultural Affairs is located in the Nebraskan Student Union Multicultural Center. The Office of Multicultural
Affairs administers programs and services that foster a supportive environment for students of American Ethnic heritage, promote a multicultural climate conducive to educational achievement, provide leadership opportunities, scholarship opportunities, and encourage a global perspective of learning.

The office assists currently enrolled and prospective students in defining and fulfilling personal and educational goals. Educational, cultural, and social programs are open to all students, faculty, and staff at UNK.

Our student organizations plan events to celebrate various social and educational cultural events throughout the year. OMA week highlights a wide range of cultures and is held each November.

### Residence Life

Conrad Hall  
(308) 865-8519  
www.unk.edu/housing

The Residence Life office is responsible for staffing and providing an educational experience for students living in the residence halls. Residence Life also works cooperatively with the Facilities Department to keep the halls clean and well maintained. The Residence Life staff works with students to find pride in their community and encourage students to be fully engaged in the campus community via our Residential Curriculum also known as our LOPERS Residence Education Plan. Residence Life offers a wide range of services to support the academic pursuits of students that live in the halls. We want students to be engaged in their campus community and become mindful citizens of Nebraska.

The LOPERS Residence Education Plan is established based on the following learning narratives we assist each student to attain living in our halls:

1. **Learning Occurs**: Learning opportunities exist in many different forms, from the classroom, to policies, processes, and experiences. To accomplish this, students will venture beyond their comfort zone and know learning happens in the residence halls.

2. **Personal Enrichment**: Through engagement with the UNK community, students will develop their own thoughts, self-efficacy, and well-being with an awareness of impact on themselves and others through intercultural competence.

3. **Relating to Others**: Students will find many opportunities to connect with people, places, and services to help them identify resources. These connections will help them feel safe, a sense of mattering and form life-long bonds with UNK.

The primary contact for students that live in the residence halls is their Resident Assistant or RA. Each resident has an RA that lives in their community. The RA is responsible for providing educational strategies to assist students in meeting our learning goals, maintaining a safe community, and is available to assist residents through their experience at UNK. RAs report to a professional staff member that lives in the community and is also available to assist residents during their time with us. If residents need any assistance, they should not hesitate to seek out any member of the Residence Life team or stop by the main office, which is located in the lower level of Conrad Hall.

Residence Life Policies may be found at www.unk.edu/housing.

### Student Activities and Student Organizations

Nebraskan Student Union and Student Engagement  
(308) 865-8523  
www.unk.edu/offices/student_life

At the University of Nebraska at Kearney, the possibilities for out-of-class involvement are endless. Students can discover organizations that best suit their academic major or personal interest. For more information, contact the Nebraskan Student Union/Student Engagement at (308) 865-8523 or www.unk.edu/offices/student_life.

Note: Organization list subject to change based on recognition status. For a complete, up-to-date list of student organizations, visit https://unk.campuslabs.com/engage.

### Student Conduct

Nebraskan Student Union 142-A  
(308) 865-1619  

The community of scholars at the University of Nebraska at Kearney is dedicated to personal growth and academic excellence. By choosing to join the community, each member agrees to comply with certain standards of civilized behavior; and therefore, the University of Nebraska at Kearney adopts this Student Code of Conduct, in order that it might:

1. promote a campus environment that supports its educational, research, and outreach missions;
2. protect the members of the community and its resources from disruption and harm;
3. provide a guide to appropriate individual and group behavior; and
4. foster ethical standards and civic virtues.

This Student Code of Conduct is intended to present a clear statement of student rights and responsibilities and to set forth the procedures established by the University of Nebraska at Kearney to protect those rights and address the abdication of those responsibilities. The Student Code of Conduct describes the types of acts that are not acceptable in an academic community, as well as the general processes used to address those acts.

The UNK Student Code of Conduct procedures act as an educationally-based fact-finding process, not a court of law. Its proceedings are not civil or criminal trials. The hearings are not adversarial proceedings but rather inquiries conducted by the Conduct Officer and/or Board.

### Student Health and Counseling

Student Health and Counseling include: Student Health, Counseling, Health Education, and the Women's Center. Student Health and Counseling (SHC) is located in the Memorial Student Affairs Building (MSAB). SHC provides counseling and medical care to students. Medical and mental health records are confidential and we conform to laws and
policies regarding your personal information. Information from records will not be given without written authorization from the student.

Services at SHC are available for all students who have paid the semester Student Health & Counseling fee. Students enrolled in seven or more on-campus credit hours per semester automatically pay the SHC fee. Students enrolled in less than seven credit hours can "opt-in" by paying the SHC fee. Students are required to present a photo ID to access the services of SHC.

**Counseling**

Phone: (308) 865-8248  
Emergency Crisis Phone (after business hours): (308) 865-8248

**Hours:** Monday - Friday 8:00 a.m. to 5:00 p.m.

**Location:** Memorial Student Affairs Building, South Hallway, Room 144  
Website: [www.unk.edu/offices/counseling_healthcare](http://www.unk.edu/offices/counseling_healthcare)

Counseling is a counseling center that offers personal counseling to UNK students. Students are given an opportunity to discuss thoughts, feelings, and concerns with professional, licensed counselors in a non-threatening environment.

The college experience is exciting, yet sometimes stressful. Personal counseling is a chance to talk about what is on your mind with an objective, professional person within a caring and safe environment. Counseling may involve exploring: relationship issues, stress, academic pressures, homesickness, depression, eating disorders, drug/alcohol abuse, anxiety, grief, sexuality issues (choices, pregnancy, and assault), addictions, and more.

UNK offers the StudentBlue health insurance through United Health Care Student Resources (UHCSR). Charges for services in Counseling are covered at 100% for students enrolled in the UHCSR plan. Crisis Care: Emergency 24-hour on-call counselors are available - call (308) 865-8248. If no answer, dial UNK Police at (308) 865-8911.

**Student Health**

Phone: (308) 865-8218

**Walk-In Hours:**

<table>
<thead>
<tr>
<th>Days of Week</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, Tuesday, Thursday and Friday</td>
<td>8:15 a.m. - 4:30 p.m.</td>
</tr>
<tr>
<td>Wednesday</td>
<td>9:00 a.m. - 4:30 p.m.</td>
</tr>
</tbody>
</table>

**Location:** Memorial Student Affairs Building, Northwest Entrance, Room 184  
Website: [www.unk.edu/offices/counseling_healthcare](http://www.unk.edu/offices/counseling_healthcare)

Student Health is an on-campus medical clinic for students. Students paying the SHC fee are not charged for office visits in the Student Health clinic. Other services include laboratory testing, allergy injections, vaccinations, burn and wound care, gynecological exams and testing, contraception counseling, health education and more (additional fees may apply).

All UNK students are encouraged to have health and accident insurance coverage. International students are required to have health insurance and will be charged for the cost of the student health insurance plan through UNK unless they opt to waive out of coverage by exhibiting proof of current, acceptable insurance coverage. UNK offers a student health insurance plan through United Health Care Student Resources (UHCSR). The additional charges in Student Health will be covered at 100% for those students enrolled in the UHCSR plan visit: [www.uhcsr.com](http://www.uhcsr.com)

**For New Students:**

Pre-Enrollment Health Requirement Form: All new students, including transfer and graduate students, are required to complete this form online. Students under 19 need to have a parent’s signature.

UNK requires that all students born after 1956 must provide the dates of two MMR (mumps, measles [rubeola], and rubella) vaccinations. Students must be in compliance with these requirements, or they will not be permitted to register for classes. Student Health strongly recommends that all students living on campus be vaccinated for bacterial meningitis and influenza.

It is required that all students determined to be at high risk receive tuberculosis testing at UNK Student Health upon arrival.

**Women’s Center**

Phone: (308) 865-8279

**Location:** Memorial Student Affairs Building, South Hallway, Room 158  
Website: [www.unk.edu/offices/counseling_healthcare/womens_center/index.php](http://www.unk.edu/offices/counseling_healthcare/womens_center/index.php)

The mission of the Women’s Center is to foster a campus community in which women and men can collaborate in a mutually respectful environment. The Women’s Center offers personal confidential counseling by a licensed professional counselor for issues involving sexual assault, dating violence, stalking, healthy relationships, and body image. The Center also offers campus-wide safety prevention education addressing sexual assault, dating violence, and stalking. The Center provides a safe space for students to meet, study and access resources designed to empower full and healthy lives. Please contact the Women's Center for volunteer opportunities.

**Health Education**

Phone: (308) 865-8092

**Location:** Memorial Student Affairs Building, South Hallway, Room 130  
Website: [healthedu4unk.org](http://healthedu4unk.org)

The Health Education Office oversees Peer Health Education (PHE), which is a student organization dedicated to creating a healthier student body at UNK through programming and educational presentations. Its four core areas of focus are alcohol education, healthy living, and mental health promotion. PHE is focused on the enhancement of a healthy decision-making campus by engaging, educating and empowering individual students to make wise choices concerning their overall well-being. Make a difference. Get involved!

For additional information on our alcohol education program, visit [www.healthedu4unk.org](http://www.healthedu4unk.org).

**Testing Center**

College of Education Building  
(308) 865-8054  
[www.unk.edu/academics/testing-center](http://unkcms.unk.edu/academics/testing-center)
The Testing Center administers computer-based tests such as the CLEP, TSA-SAB, GRE, NBPTS, PRAXIS, and TOEFL. The Center also administers Paper/Pencil tests such as the ACT Residual, DANTES, GRE Subject Tests, LSAT, and PRAXIS. For more information see Testing Center in Academic Resources (p. 20).

The Nebraskan Student Union and Student Engagement

(308) 865-8523
www.unk.edu/nsu/ (http://www.unk.edu/nsu)

The Nebraskan Student Union and Student Engagement provides facilities, programs, services and conveniences designed to meet the individual and collective needs of students, faculty and staff at the University of Nebraska at Kearney. Services and programs of the facility are intentionally planned to foster out-of-class learning, leadership and social interaction.

The Nebraskan Student Union strives to broaden the academic experience of students by providing educational and co-curricular experiences, as well as volunteering and employment opportunities. By creating meaningful experiences for students that support their academic endeavors and enrich the quality of campus life, the Student Union contributes to the excellence of the University.

The Nebraskan Student Union includes:

- Welcome Desk
- Antelope Bookstore
- Chick-fil-A, Starbucks, Subway, Market @ 27th, and Boost Marketing
- SOAP (Student Organization Advertising & Promotions)
- Student Union Director's Office
- UNK ID Card Office
- Automatic Teller Machine and Loper Dollars Station
- Student Organization and Student Engagement Offices including: Student Government, Loper Programming and Activities Council, Interfraternity Council, Panhellenic Council, and Multicultural Greek Council
- Third story meeting suites overlooking Foster Field

Undergraduate Faculty

A

Bryce Abbey
Associate Professor of Kinesiology and Sport Sciences, 2013, B.S., M.A.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln.
Research and Teaching Interests:Nutrition, Physical Activity and Wellness; School Nutrition

Peggy Abels
Director of Health Science Programs, 1996, B.S.Ed., M.S.Ed., University of Nebraska at Kearney.

Said A Abushamleh
Assistant Professor of Physics and Astronomy, 2016, Ph.D., University of Arkansas at Little Rock

Megan Adkins
Associate Professor of Kinesiology and Sport Sciences, 2008, B.S.Ed., Ph.D., University of Nebraska-Lincoln; M.S.Ed., University of Nebraska at Kearney.
Research and Teaching Interests:Physical Education; Physical Activity; Technology

Julia Agard
Assistant Professor of Teacher Education, 1974, B.S., Mankato State University; M.S.Ed., Kearney State College

Vijay Agrawal
Professor of Cyber Systems, 2001, B.E., University of Indore, India; M.B.A, University of Toledo; M.S., Bowling Green State University; Ph.D., University of Millia Islamia, India
Research and Teaching Interests:Management Information Systems; Business Analytics; Business Intelligence

Mary E Ailes
Professor of History, 1997, B.A., Pacific Lutheran University; M.A., Ph.D., University of Minnesota
Research and Teaching Interests:Early Modern European History; Scandinavia; British Isles; Military and Diplomatic History

Kazuma Akehi
Assistant Professor of Kinesiology and Sport Sciences, 2014, Ph.D., Oklahoma State University
Research and Teaching Interests:Athletic Training: Therapeutic Interventions; Musculotendinous Architectural and Mechanical Characteristics

Abodule (Shahram) Alavi-Behbanhani
Assistant Professor of Computer Science and Information Technology, 1983, B.A., Iranian Institute of Advanced Accounting, Iran; M.S., Oklahoma City University; M.S., University of Arkansas

Brian Alber
Associate Professor of Music, Theatre and Dance, 2012, B.A.Ed., University of Nebraska at Kearney; M.M., University of Nebraska-Lincoln; D.A., University of Northern Colorado
Research and Teaching Interests:Wind Band History and Repertoire; Early-Twentieth Century American Music; Development of an American Style

Marc Albrecht
Associate Professor of Biology, 1996, B.S., Denison University; M.S., Miami University; Ph.D, University of Oklahoma
Research and Teaching Interests:Ecology; Mangrove Ecosystems; GIS; Marine Biology

Ronald Altman
Lecturer of Music, Theatre and Dance, 2018, M.F.A., Ohio State University

Alyse Andreasen
Lecturer of Management, 2018,

Nita Arellano-Unruh
Professor of Kinesiology and Sport Sciences and Chair, 1999, B.S., Henderson State University; M.S., Florida State University; Ed.D., University of Arkansas.
Research and Teaching Interests:Sports Marketing and Sponsorship; Management and Administration of Sport; Sport Law

Jeremy Armstrong
Assistant Professor of Physics and Astronomy, 2016,
Sylvia Asay
Professor of Family Studies and Interior Design and Chair, 1991, B.S., M.S.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: International Family Strengths; Premarital Preparation

William Avilés
Professor of Political Science and Chair, 2002, B.A., Florida International University; M.A., Ph.D., University of California, Riverside
Research and Teaching Interests: Latin American Politics; Drug Policy; Globalization and Politics of the Developing World

Bettina Baker
Lecturer of Teacher Education, 2018, Ph.D., University of Pennsylvania

David Barg
Lecturer of Music, Theatre and Dance, 2018,

Todd Bartee
Professor of Kinesiology and Sport Sciences, 2009, B.S.Ed., University of Nebraska-Lincoln M.A., Ph.D., University of Alabama
Research and Teaching Interests: Physical Activity and Public Health; School Health Promotion

Pradeep Barua
Professor of History, 1996, B.A., Elphinstone College, India; M.A., University of Bombay, India; Ph.D., University of Illinois at Urbana-Champaign
Research and Teaching Interests: South Asia; Africa; Military History; British Empire; Developing World

John T Bauer
Associate Professor of Geography, 2006, B.S., Southwest Missouri State University; M.A., University of Kansas
Research and Teaching Interests: Cartography; Cultural Geography; Historical Geography; Great Plains

Michelle Beissel Heath
Associate Professor of English, 2009, B.A., Gustavus Adolphus College; M.A., University of Maine; Ph.D., The George Washington University
Research and Teaching Interests: Children’s Literature; British Literature of the Long 19th Century; Cultural Studies

Greg Benson
Associate Professor of Marketing and Management Information Systems, 2009, B.S., Ed.D., University of Nebraska-Lincoln; M.P.A., University of Nebraska at Omaha; Ph.D., University of Nebraska-Lincoln

Robert Benton
Assistant Professor of Music, Theatre and Dance, 2016, B.M., Oakland University; M.M., Michigan State University; D.M.A., University of Michigan

Joel Berrier
Assistant Professor of Physics and Astronomy, 2016, Ph.D., University of California, Irvine

Matthew R Bice
Associate Professor of Kinesiology and Sport Sciences, 2013, B.S., M.S., University of Texas of the Permian Basin; Ph.D., Southern Illinois University Carbondale
Research and Teaching Interests: Physical Activity and Public Health; School Health Promotion, Behavior (Activity) Motivation

Nathaniel Bickford
Associate Professor of Biology, 2015, B.S., Lenoir-Rhyne University; M.S., Appalachian State University; Ph.D., Arkansas State University

Sonja Bickford
Assistant Professor of Communication, 2016, D.B.A., California Intercontinental University

Duane Bierman
Associate Professor of Music, Theatre and Dance, 2016, B.A., Wartburg College; M.M., University of Northern Colorado; D.M.A., North Dakota State University
Research and Teaching Interests: Wind Band Performance Practice; Percussion Performance Practice; Percussion Pedagogy

Douglas Biggs
Professor of History and Associate Dean of Natural and Social Sciences, 2008, B.A., M.A., Iowa State University; Ph.D., University of Minnesota
Research and Teaching Interests: Fellow, Royal Historical Society; Medieval England; Military History

Jacob Bishop
Assistant Professor of Industrial Technology, 2016, Ph.D., Utah State University

Aaron Blackman
Lecturer of Communication, 2013, B.A., Hastings College; M.A., Kansas State University

Joan Blauwkamp
Professor of Political Science, 1997, B.A., Wheaton College; M.A., Ph.D., University of Iowa
Research and Teaching Interests: Political Rhetoric; Public Opinion; Campaigns and Elections

Jane Blum
Lecturer of Teacher Education, 2018, M.S.Ed., Peru State College

Derek Boeckner
Assistant Professor of Mathematics and Statistics, 2016, B.S., University of Nebraska-Lincoln; Ph.D., University of Nebraska-Lincoln

Vijendra Boken
Professor of Geography, 2007, B.S., Pant University of Agriculture and Technology, India; M.S., Asian Institute of Technology, Thailand; M.S., University of Jodhpur, India; Ph.D., University of Manitoba, Canada
Research and Teaching Interests: Remote Sensing; Water Resources; Agriculture; Natural Disasters

Paul Bonk
Lecturer of Mathematics and Statistics, 2016, B.S., University of Nebraska at Kearney; M.S., 2014, University of Nebraska at Omaha

Kurt Borchard
Professor of Sociology, 1998, B.A., University of Alaska; M.A., University of Colorado Colorado Springs; Ph.D., University of Nevada, Las Vegas
Research and Teaching Interests: Qualitative Research Methods; Criminology/Deviance; Homelessness; Cultural Studies; The Holocaust

Sarah Borchers
Lecturer of Accounting/Finance, 2015, B.S., M.B.A., University of Nebraska at Kearney; C.P.A
Karl J Borden  
Professor of Accounting/Finance, 1986, A.B., Colgate University; M.Ed., Ed.D., University of Massachusetts; M.B.A., University of Cincinnati  
Research and Teaching Interests: Short Term and Small Business Financial Management

Lorna Bracewell  
Assistant Professor of Political Science, 2016, B.A., Flagler College; M.A., Ph.D., University of Florida

Benjamin Brachle  
Lecturer of Industrial Technology, 2014, M.B.A., Bellevue University

Franziska Brech  
Lecturer of Music and Performing Arts, 2016, Foreign Language Correspondence Diploma, Bénédict School, Munich, Germany; Flute Performance Diploma, Robert Schumann Hochschule für Musik, Düsseldorf, Germany

Lloyd Breeding  
Lecturer of Communication, 2018, MLS, Northern Arizona University

Deborah Bridges  
Professor of Marketing and Management Information Systems and Director of the General Studies Program, 1997, B.S., M.S., University of Wyoming; Ph.D., Washington State University  
Research and Teaching Interests: Agricultural Policy, Finance, and Price Analysis

Gregory M Broekemier  
Professor of Marketing and Management Information Systems and Chair, 1987, B.S., M.S.Ed., Kearney State College; Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Retail Atmospherics; Rural Retailing Issues; Business Ethics; and College Choice

Gregory A Brown  
Professor of Kinesiology and Sport Sciences, 2004, B.S., Utah State University; M.S., Ph.D., Iowa State University  
Research and Teaching Interests: Exercise Physiology; Endocrinology and Metabolism; Energy Cost of Physical Activity

Nathan Buckner  
Professor of Music, Theatre and Dance, 1997, B.M., The Juilliard School; M.M., Indiana University; D.M.A., University of Maryland  
Research and Teaching Interests: Historic and Contemporary American Piano and Chamber Music Performance and Literature

Derrick Burbul  
Professor of Art and Design, 2005, B.S., University of Wisconsin-Superior; M.F.A., University of Idaho  
Research and Teaching Interests: Relationship Between Environment and Photography; Merging of Contemporary and Historical Photographic Processes; Visual Culture

Paul R Burger  
Professor of Geography, 2003, B.S., Northwest Missouri State University; M.A., Kansas State University; Ed.D., Oklahoma State University  
Research and Teaching Interests: GIS; Economic; Population; Political

Assistant Professor of Teacher Education, 2018, Ed.D., Illinois State University.

Julia N Campbell  
Associate Professor of Criminal Justice and Chair, 2006, B.A., M.S., Ph.D., University of Southern Mississippi  
Research and Teaching Interests: Victimology; Juvenile Justice and Community Reentry; Criminal Justice Education

Sharon Campbell  
Associate Professor of Music, Theatre and Dance, 2008, B.M., University of New Mexico; M.M., University of Missouri-Kansas City; D.M.A., University of Kansas  
Research and Teaching Interests: Dramatic mezzo-soprano; Performance Analysis; Vocal Pedagogy

Haishi Cao  
Professor of Chemistry, 2007, B.S., M.S., Jilin University, China; M.S., Ph.D., New Mexico Institute of Mining and Technology  
Research and Teaching Interests: Organic Synthesis; Fluorescence Sensing; Nanoparticles

Darby J Carlson  
Senior Lecturer of Biology, 2003, B.S., M.S.Ed., University of Nebraska at Kearney

Kimberly A Carlson  
Professor of Biology, 2003, B.S., M.S.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Molecular Genetics of Aging; Transgenic Model Systems; HIV-1 Anti-retroviral gene - OTK18; Educational Research; Scientific Writing

Larry Carstenson  
Professor of Accounting/Finance, 1991, B.S., J.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Law and Law Related Fields; Aviation and Aviation Studies

William Cavill  
Assistant Professor of Art and Design (Art Education), 2011, B.S., South Dakota State University; M.A.Ed., University of Nebraska at Kearney

Daniel Chaffin  
Assistant Professor of Management, 2016, B.S., Brigham Young University; M.B.A., University of Colorado at Colorado Springs

Surabhi Chandra  
Associate Professor of Biology, 2013, B.S., M.S., University of Mumbai, India; Ph.D., Tulane University

Christine Chasek  
Associate Professor of Counseling and School Psychology, 2012, B.S., M.S., University of Nebraska at Kearney; Ph.D., University of South Dakota  
Research and Teaching Interests: Addiction Counseling and Training Preparation; Counselor Education; Clinical Outcomes in Counseling

Ngan Chau  
Associate Professor of Marketing and Management Information Systems, 2012, B.B.A., Posts and Telecommunications Institute of Technology, Vietnam; B.S.I.T., Vietnam National University, Vietnam; Ph.D., University of Central Florida  
Research and Teaching Interests: Product Introductions; Promotion; Supply Chain Management

Alice Cahill
Ting-Lan Chen
Professor of Music, Theatre and Dance, 2004, B.F.A., National Institute of the Arts, Taiwan; M.M., D.M.A., College-Conservatory of Music of the University of Cincinnati
Research and Teaching Interests:Violin Performance; Chamber Music; Orchestral Performance

Jeong Hoon Choi
Assistant Professor of Management, 2016, Seoul National University; M.S., Ph.D., The State University of New York at Buffalo

Jane Christensen
Senior Lecturer of English and Associate Director of the Honors Program, 1993, B.A., M.A.Ed., University of Nebraska at Kearney

H. Jason Combs
Professor of Geography and Chair, 2007, B.S., Northwest Missouri State University; M.S., Southwest Missouri State University; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests:Cultural Geography; Urban Geography

James Cook
Professor of Music, Theatre and Dance, 1986, B.A., M.A., Conservatory of Music of the University of Missouri-Kansas City; D.M.A., University of Texas at Austin
Research and Teaching Interests:Piano Performance, Pedagogy, and Literature; Performance Emphasis on Music of the Classical and Romantic Periods

Sherry R Crow
Professor of Teacher Education, 2008, B.S.Ed., Fort Hays State University; M.L.S., Brigham Young University; Ph.D., Emporia State University
Research and Teaching Interests:Teaching: School Library Science, 21st Century Learning, Storytelling; Research: Intrinsic Motivation for Information Seeking

Anne Cummings
Senior Lecturer of Biology, 2013, B.S., M.S., University of Nebraska at Kearney; B.S.N., University of Nebraska Medical Center

Mark Dahlke
Lecturer of Management, 2016, B.S., Kearney State College; M.S., Oklahoma State University; Ph.D., Colorado State University

Natalie Danner
of Teacher Education,

Scott Darveau
Professor of Chemistry and Chair, 1997, B.S., University of Nebraska-Lincoln; Ph.D., University of Chicago
Research and Teaching Interests:Spectroscopy; Materials Science; Thin Film Photovoltaic

Roger Davis
Professor of History, 1986, B.A., Youngstown State University; M.A., Ph.D., University of Arizona
Research and Teaching Interests:General Latin America; Nineteenth Century South American Andean; State Formation and Nationalism; Gilded Age U.S.; Hispanics on the Great Plains
Senior Lecturer of Accounting/Finance, 2010, B.S., California State University, Hayward; M.B.A., D.B.A., Western Colorado University; M.S., University of Northern Colorado

Diganta Dutta  
Assistant Professor of Physics and Astronomy, 2016, Ph.D., Old Dominion University

Bruce Elder  
Professor of Accounting/Finance, 1983, B.S., Kearney State College; J.D., University of Nebraska College of Law  
Research and Teaching Interests: Employment Law; Commercial Law; Water Law

Mark R Ellis  
Professor of History, 2001, B.A., M.A., California State University, Northridge; Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: American West; Plains Indians; Nebraska and the Great Plains; American Legal History; Sports History; History and Film; Great Depression and New Deal; World War II

Brooke Enwick  
Associate Professor of Management, 2018, Ph.D., University of Nebraska-Lincoln

Brenda Eschenbrenner  
Associate Professor of Accounting/Finance, 2010, University of Nebraska at Kearney; M.B.A., Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Information Systems Usage; Technology and Education/Training; Emerging Technologies

Christopher L Exstrom  
Professor of Chemistry, 1996, B.A., Illinois Wesleyan University; Ph.D., University of Minnesota  
Research and Teaching Interests: Synthesis of Metal and Semiconductor Nanoparticles for applications as Sensor Materials and Solar Cell Technology

Kristina Faimon  
Assistant Professor of Social Work, 2017,

Timothy Farrell  
Professor of Music, Theatre and Dance and Chair, 2014, D.M.A., University of Oregon

Gene Fendt  
Professor of Philosophy, 1987, B.A., Marquette University; M.A., University of Chicago; Ph.D., University of Texas at Austin  
Research and Teaching Interests: Ancient and Medieval Philosophy; Kierkegaard; Kant; Philosophy of Religion; Poetry

Luke Fennessy  
Lecturer of Biology, 2018, M.S., University of Nebraska Medical Center

Christine Fisher  
Lecturer of Teacher Education, 2016, B.S., Kearney State College; M.A., University of Nebraska at Kearney

Rod Flanigan  
Associate Professor of Industrial Technology, 2011, B.S., Brigham Young University; M.B.A., University of Utah; Ph.D., Utah State University  
Research and Teaching Interests: Industrial Organizational Leadership; Engineering and Technology Management

Michelle Fleig-Palmer  
Associate Professor of Management, 2008, B.S.Ed., State University of New York College at Geneseo; M.B.A., Washington University in St. Louis; Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Trust; Healthcare; Mentoring; Leadership; Careers/Job Search

Anne Foradori  
Professor of Music, Theatre and Dance, 1994, B.M., Ohio University; M.M., Cleveland Institute of Music; D.M.A, The Ohio State University  
Research and Teaching Interests: Vocal Performance; Contemporary American Composers; Musical Theatre; Opera

Krista D Forrest  
Professor of Music and Chair, 1997, B.S., Old Dominion University; M.S., Ph.D., North Carolina State University  
Research and Teaching Interests: Group Dynamics; Procedural Justice; Psychology and Law

Anne Franklin  
Assistant Professor of Art and Design, 2018, Ed.D., University of Kansas

Thomas Freeman  
Associate Professor of Biology, 2010, B.S., M.S., Ph.D., Texas Tech University

Krista K Fritson  
Professor of Psychology, 2004, B.S., University of Nebraska at Kearney; M.S., Fort Hays State University; Pay.D., Forest Institute of Professional Psychology  
Research and Teaching Interests: Teaching; Clinical Psychology

Janice Fronczak  
Professor of Music, Theatre and Dance (Theatre), 2001, B.A., M.A., University of Houston-Clear Lake; M.F.A., Virginia Commonwealth University  
Research and Teaching Interests: Playwriting; Acting; Directing; Feng Shui; Drama Therapy

John Fronczak  
Senior Lecturer of Art and Design, 2006, B.A., California State University, Stanislaus; M.F.A., Miami University

Marissa Fye  
Assistant Professor of Counseling and School Psychology, 2017, Ph.D., Kent State University

Lauren Gage  
Assistant Professor of Social Work, 2014, B.A., Columbia College; M.S.W., Ph.D., University of Missouri-Columbia

Alison Gaines  
Assistant Professor of Music, Theatre and Dance (Music), 2018, D.M.A., University of Kansas

Jack B Garrison  
Associate Professor of Music, Theatre and Dance (Theatre), 1968, B.A., Western Illinois University; M.A., University of Kansas

Martonia Gaskill
Assistant Professor of Teacher Education, 2012, B.S., Piauí Federal University, Brazil; M.S.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln

Keith Geluso
Professor of Biology, 2006, M.S., University of Nevada, Reno; B.S., Ph.D., University of New Mexico

Scott Gensler
Assistant Professor of Mathematics and Statistics, 2018, Ph.D., University of Nebraska-Lincoln

Ladan Ghazi Saidi
Assistant Professor of Communication Disorders, 2018, Ph.D., University of Montreal

Terry Gibbs
Senior Lecturer of Industrial Technology, 2001, B.S., University of Nebraska-Lincoln; M.S., Arizona State University

Victoria Goro-Rapoport
Professor of Art and Design, 2004, B.F.A., Moscow Art College, Russia; M.F.A., University of Utah; M.F.A., University of Illinois at Urbana-Champaign

Research and Teaching Interests: N

Anna Hain
Lecturer of Sociology, 2018, M.S.Ed., University of Nebraska at Kearney

Steve C Hall
Professor of Accounting/Finance and Chair, 2001, B.S., Weber State College; Ph.D., University of Utah; C.P.A.

Ralph Hanson
Professor of Communication, 2008, B.S., M.S., Iowa State University; Ph.D., Arizona State University

Sherri K Harms
Professor of Cyber Systems, 2001, B.S., Buena Vista University; M.S., Iowa State University; Ph.D., University of Missouri-Columbia

Research and Teaching Interests: Spatio-Temporal Data Mining; Predictive Modeling for Climatic and Agricultural Decision Support Systems; Computer Science Education; Women in Technology

Mary Harner
Associate Professor of Biology, 2009, B.S., Tulane University; M.S., University of Montana; Ph.D., University of New Mexico

Research and Teaching Interests: Riparian Ecosystem Ecology; Scientific Writing; Biological Statistics

Dena Harshbarger
Associate Professor of Teacher Education, 2010, B.A.Ed., M.A.Ed., University of Nebraska at Kearney

Kyle Harshbarger
Lecturer of Criminal Justice, 2018, M.P.A., University of Nebraska-Omaha

Mark Hartman
Associate Professor of Art and Design, 1997, B.A., Hastings College; M.F.A., Texas Tech University

Megan Hartman
Associate Professor of English, 2011, B.A., University of New Hampshire; M.A., Ph.D., Indiana University

Research and Teaching Interests: English Language Studies; Medieval Literature; Speculative Fiction

John Hastings
Professor of Cyber Systems, 2001, B.S., M.S., Ph.D., University of Wyoming

Suzanne K Hayes
Associate Professor of Accounting/Finance, 2004, B.S., Nebraska Wesleyan University; M.B.A., East Carolina University; Ph.D., University of Texas at Dallas

Research and Teaching Interests: Investments; Personal Finance

Kate Heelan
Assistant Professor of Teacher Education, 2018, Ed.D., Grand Canyon University

Rebecca Hermance
Assistant Professor of Family Studies and Interior Design, 2016, M.A.Ed., Washington State University

Evan Hill
Assistant Professor of Psychology, 2014, M.A., Ph.D., University of Toledo

Toni Hill
Associate Professor of Family Studies and Interior Design, 2010, B.S., M.S., University of Nebraska at Omaha; Ph.D., University of Nebraska-Lincoln

Research and Teaching Interests: Kinship Caregiving; Child Welfare; Intergenerational Issues; Research Ethics

Darin Himmerich
Assistant Professor of Music, Theatre and Dance (Theatre), 2007, B.S., South Dakota School of Mines and Technology; M.F.A., University of South Dakota

Lowell Hinchee
Assistant Professor of Industrial Technology, 2018, M.C.A., Delta State University

Nicholas Hobbs
Assistant Professor of Biology, 2018, Ph.D., University of Memphis

David D Hof
Professor of Counseling and School Psychology and Chair, 2000, B.A., M.A., Chadron State College; Ed.D., University of South Dakota

Research and Teaching Interests: High Risk Youth; Sex Offending Behaviors; Advocacy for Underserved Populations

James Scott Hoffman
Senior Lecturer of Kinesiology and Sport Sciences, 2012, B.S., University of Nebraska-Lincoln; M.A.Ed., University of Nebraska at Kearney

Nanette M Hogg
Associate Professor of Communication, 2002, B.S., Kearney State College; M.S.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Communication Technology

Jessica Hollander
Assistant Professor of English, 2014, M.F.A., University of Alabama
Research and Teaching Interests: Creative Writing; Fiction; Linked Stories

Angela Hollman
Associate Professor of Cyber Systems, 2011, B.S., M.S.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln

Travis Hollman
Lecturer of Business Management, 2018, M.B.A., University of Nebraska at Kearney

Torsten Homberger
Assistant Professor of History, 2018,

Susan Honeyman
Professor of English, 2002, B.A., M.A., University of Kansas; Ph.D., Wayne State University
Research and Teaching Interests: Children's and Adolescent Literature; Comics

Po Hu
Assistant Professor of Teacher Education, 2018, Ph.D., Clemson University

Jia Huang
Associate Professor of Mathematics and Statistics, 2014, M.S., Ph.D., University of Minnesota

Sara Ice
Senior Lecturer of Music, Theatre and Dance (Theatre), 2008, B.A., Illinois State University; M.F.A., University of California, Irvine

L. Jake Jacobsen
Senior Lecturer of Communication, 1992, B.A., Chadron State College; M.A.Ed., University of Nebraska at Kearney

Thomas Jacobson
Associate Professor of Educational Administration, 1991, B.S., Bemidji State University; M.S., St. Cloud State University; Ed.S., Ph.D., University of Minnesota
Research and Teaching Interests: Leadership and Organizational Behavior

Betty Jacques
Senior Lecturer of Biology, 2007, B.S., M.S., University of Nebraska at Kearney

Akbar Javidi
Associate Professor of Communication, 1986, B.A., College of Translation, Iran; M.A., Oklahoma City University; Ph.D., University of Oklahoma
Research and Teaching Interests: Communication Apprehension; Interpersonal Relations; Intercultural Communication; Communication Education

Allan Jenkins
Professor of Accounting/Finance, 1987, B.A., University of Oklahoma; M.A., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Public Economics, Health Care Economics

Adam Jensen
Associate Professor of Physics and Astronomy, 2014, M.S., Ph.D., University of Colorado Boulder

Susan M. Jensen
Professor of Management, 2003, B.S., University of Kansas; M.B.A., Washington University in St. Louis; Ph.D., University of Nebraska-Lincoln

Timothy Johnson
Assistant Professor of Spanish, 2017, Ph.D., University of California at Davis

Julieta Johnston
Senior Lecturer of Mathematics and Statistics, 2011, B.S., University of San Carlos, Philippines; M.S., Ateneo de Manila University, Philippines

Peggy Johnston
Professor of Management, 1988, B.S., Northwest Missouri State University; M.A., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Environmental Economics; Management Science

Katherine Kime
Associate Professor of Mathematics and Statistics and Chair, 1997, B.A., University of Colorado Boulder; M.A., Ph.D., University of Wisconsin-Madison
Research and Teaching Interests: Control Theory of Partial Differential Equations

Christopher Knoell
Associate Professor of Teacher Education, 2005, B.S.Ed., Ph.D., University of Nebraska-Lincoln; M.A.Ed., University of Nebraska at Kearney
Research and Teaching Interests: Elementary Education Mathematics Pedagogy; Student-teacher Relationships; Technology Integration in the Elementary Classroom

Bailey Koch
Lecturer of Teacher Education, 2016, B.A., Nebraska Wesleyan; M.A.Ed., University of Nebraska at Kearney

Ron Konecny
Professor of Management, 1988, B.S., Northwest Missouri State University; M.A., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Environmental Economics; Management Science

Christy Kosmicki
Lecturer of Art and Design, 2016, B.A.Ed., M.A.Ed., University of Nebraska at Kearney; M.F.A., Fort Hays State University
Research and Teaching Interests: Microfluidic and Nanofluidic Devices; DNA; Biosensor Devices
Kristy Kounovsky-Shafer  
Associate Professor of Chemistry, 2013, B.S., Wayne State College; Ph.D., University of Wisconsin-Madison

Frank A Kovacs  
Professor of Chemistry, 2002, B.S., University of West Florida; Ph.D., Florida State University  
Research and Teaching Interests: Protein Biochemistry with a Focus on Structure/Function Relationships

Carrie Kral  
Professor of Teacher Education, 2005, B.S., University of Nebraska at Omaha; Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Elementary Education Language Arts Pedagogy; Classroom Management

Jeff Kritzer  
Associate Professor of Teacher Education, 2007, B.S., University of Oregon; M.A., California State University, Dominguez Hills; Ph.D., University of California, Riverside

Thomas Kropp  
Assistant Professor of Kinesiology and Sport Sciences, 1983, B.A., M.A.Ed., Kearney State College; Ed.D., University of Nebraska-Lincoln

Martha Kruse  
Associate Professor of English, 1996, B.A., University of Iowa; M.A.Ed., Kearney State College; Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Children's and Young Adult Literature; Composition and Rhetoric; Language Arts Pedagogy; Theoretical and Applied Linguistics

Philip Lai  
Assistant Professor of Communication Disorders, 2018, Ph.D., San Diego State University

Julie Lanz  
Assistant Professor of Psychology, 2016, B.S., University of Iowa; M.S., Missouri State University; Ph.D., Florida International University

Theodore Larsen  
Lecturer of Family Studies and Interior Design, 2008, B.S., University of Nebraska at Kearney; M.S., Wichita State University

George M Lawson  
Associate Professor of Communication, 1988, B.A.Ed., University of New Mexico; M.A., Brigham Young University; Ph.D., University of Nebraska-Lincoln

Mariana Lazarova  
Assistant Professor of Physics and Astronomy, 2014, M.S., Ph.D., University of California, Riverside  
Research and Teaching Interests: Observational Astronomy; Quasars; Quasar Feedback; Co-evolution of Supermassive Black Holes and their Host Galaxies

Maria Leake  
Assistant Professor of Art and Design, 2016, Ph.D., University of North Texas

John Lee  
Lecturer of Philosophy, 2014, B.A., University of Nebraska at Kearney; M.A., University of Missouri-St. Louis

Robert Leonard  
Lecturer of Kinesiology and Sport Sciences, 2017

Hui Liew  
Assistant Professor of Sociology, 2018, Ph.D., Mississippi State University

Linda Lillienthal  
Associate Professor of Teacher Education, 2012, B.A.Ed., Kearney State College; M.A.Ed., University of Nebraska at Kearney; Ed.D., University of Northern Colorado.

Carol Lilly  
Professor of History and Director of the International Studies Program, 1992, B.A., University of Colorado Boulder; M.A., Ph.D., Yale University  
Research and Teaching Interests: Former Yugoslavia; Balkans; Central and Eastern Europe; Soviet Union; Cemeteries; Gender; Cultural and Political History

Seth Long  
Assistant Professor of English, 2015, B.A., Chapman University; M.A., Ph.D., Syracuse University

Peter J Longo  
Professor of Political Science and Interim Dean of Natural and Social Sciences, 1988, B.A., Creighton University; J.D., University of Nebraska College of Law; Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: Environmental Politics and State Constitutionalism

Sandra Loughrin  
Associate Professor of Sociology, 2013, B.A., University of California, Berkeley; M.A., Ph.D., University of California, Riverside

Claude A Louishomme  
Associate Professor of Political Science and Director of the Ethnic Studies Program, 2000, B.A., M.A., Ph.D., University of Missouri-St. Louis

Brandon Luedtke  
Assistant Professor of Biology, 2015, Ph.D., Oklahoma State University

Kyle W Luthans  
Professor of Management and Chair, 1999, B.S., M.A., Ph.D., University of Nebraska-Lincoln  
Research and Teaching Interests: High Performance Work Practices; Positive Psychological Capital

Satoshi Machida  
Professor of Political Science, 2007, B.A., Waseda University, Japan; M.A., Ph.D., University of Kentucky

Benjamin Malczyk  
Assistant Professor of Social Work, 2018

Thomas Scott Martin  
Professor of Philosophy, 1986, A.A., Harrisburg Area Community College; B.S., Northern Arizona University; M.A., Ph.D., University of Missouri-Columbia

Beth Mattingly
Assistant Professor of Music, Theatre and Dance, 2017, Ph.D., University of Oklahoma

Jude Matyo-Cepero
Associate Professor of Teacher Education, 2011, B.A., Montclair State College; M.A., Nova Southeastern University; Ph.D., Capella University.

Suzanne L Maughan
Associate Professor of Sociology and Chair, 2001, B.S., M.S., Ph.D., Brigham Young University
Research and Teaching Interests: Family; Social Inequality

Dan May
Professor of Art and Design, 2013, B.A., University of Missouri-St. Louis; M.F.A., Academy of Art University

Wendy McCarty
Associate Professor of Teacher Education, 2002, B.S.Ed., Concordia College, Seward, Nebraska; M.A.Ed., University of Nebraska at Kearney; Ed.D., University of Nebraska-Lincoln
Research and Teaching Interests: Alternative Teacher Certification; English Language Learners; Substance Abuse Prevention

Margaret L McCollough
Lecturer of Teacher Education, 2009, B.A.Ed., University of Nebraska at Kearney

Miechelle McKelvey
Professor of Communication Disorders and Chair, 2006, B.S., University of Nebraska at Omaha; M.S.Ed., University of Nebraska at Kearney; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Adults with Acquired Communication Disorders; Augmentative and Alternative Communication

Bobby Meyer
Lecturer of English, 2014, B.A., M.A., University of Nebraska at Kearney

Heather Meyer
Associate Professor of Marketing and Management Information Systems, 2011, B.J., University of Nebraska-Lincoln; M.S., University of Illinois at Urbana-Champaign; Ph.D., University of Texas at Austin

Margaret A Michener
Senior Lecturer of Mathematics and Statistics, 1995, B.S., University of Nebraska-Lincoln; M.S., University of Nebraska at Omaha

Matthew Miller
Assistant Professor of Cyber Systems, 2015, B.S., University of Nebraska at Kearney; M.S., Ph.D., Kansas State University
Research and Teaching Interests: Reverse Engineering, CyberSecurity, and parallel programming

Grace A Mims
Professor of Counseling and School Psychology, 2008, B.A., University of Central Missouri; M.S., Western Illinois University; Ph.D., Southern Illinois University Carbondale
Research and Teaching Interests: Professional and Client Advocacy; Ethics; Family, Group, and Multicultural Counseling

Matthew J Mims
Professor of Counseling and School Psychology, 2008, B.A., Alma College; M.S., Western Illinois University; Ed.D., University of South Dakota

Research and Teaching Interests: School Counseling Identity; Global Curriculum and Education; Professional and Client Advocacy; Ethics; Multicultural Counseling; Student Affairs; Student Development

Brad Modlin
Assistant Professor of English and Reynolds Chair of Poetry, 2018, Ph.D., Ohio University

Dawn L Mollenkopf
Associate Professor of Teacher Education, 2003, B.A., Andrews University; M.S., University of Oregon; Ph.D., University of Kansas
Research and Teaching Interests: Professional Development for Preservice and Inservice Teachers; Early Childhood Policy Issues

Laura Moody
Lecturer of Communication Disorders, 2012, B.S.Ed., M.S.Ed., University of Nebraska at Kearney

Jan Moore
Professor of Communication Disorders, 2008, B.S.E., University of Central Arkansas; M.S., Purdue University; Ph.D., University of Illinois at Urbana-Champaign
Research and Teaching Interests: Cochlear Implantation in Children and Adults; Speech Development in Children Following Cochlear Implantation; Early Intervention of Children with Hearing Loss; Newborn Hearing Screening

Tami James Moore
Professor of Family Studies and Interior Design, 2000, B.S., M.S., Ph.D., University of Nebraska-Lincoln; M.S., Emporia State University

Annette C Moser
Associate Professor of Coordinator of Collection Services, Library, 2009, B.A., M.L.S., Gonzaga University

W. Benjamin Myers
Associate Professor of Communication and Chair, 2016, Ph.D., University of Nebraska-Lincoln

Michael Moxley
Assistant Professor of Chemistry, 2017, Ph.D., University of Nebraska-Lincoln

Susan Mueller
Associate Professor of Coordinator of Collection Services, Library, 2009, B.A., M.L.S., Emporia State University; M.A., Gonzaga University

W. Benjamin Myers
Associate Professor of Communication and Chair, 2016, Ph.D., Southern Illinois University Carbondale

David B Nabb
Professor of Music, Theatre and Dance, 1994, B.M., M.M., Indiana University; Ph.D., University of North Texas
Research and Teaching Interests: Woodwind Performance and Pedagogy; Music History; Music Education

Amy Nebesniak
Associate Professor of Mathematics and Statistics, 2013, B.S.Ed., University of Nebraska at Kearney; M.A., Ed.D., University of Nebraska-Lincoln
Research and Teaching Interests: Mathematics Education; Development of Effective Mathematics Teachers; Instructional Coaching

Rebecca Nelson
Assistant Professor of Teacher Education, 2018, Ph.D., University of Toledo

Danielle Nguyen
Lecturer of Counseling and School Psychology, 2015, Ed.S., University of Nebraska at Kearney

Jeff Nordhues
Lecturer of Family Studies and Interior Design, 2011, B.A., Art Institute of Colorado; M.I.D., Rhode Island School of Design

Austin Nuxoll
Assistant Professor of Biology, 2016, Ph.D., University of Nebraska Medical Center

Maria O’Malley
Associate Professor of English, 2013, B.A., University of Illinois at Urbana-Champaign; M.A., New York University; Ph.D., University of Colorado Boulder
Research and Teaching Interests: Early American Literature; Poetry and Poetics; Emily Dickinson; Transnational Literature

Sharon Obasi
Assistant Professor of Family Studies and Interior Design, 2014, M.A., Wilfrid Laurier University; Ph.D., University of Western Ontario

Timothy Obermier
Professor of Industrial Technology, 1996, B.A.Ed., M.S.Ed., Kearney State College; Ph.D., Colorado State University
Research and Teaching Interests: Telecommunication Regulation

Tammi Ohmstede
Professor of Counseling and School Psychology, 2008, B.S., Ed.S., University of Nebraska at Kearney; Ph.D., Oklahoma State University
Research and Teaching Interests: Infant/Toddler Mental Health Services; Early Intervention; Problem Solving Consultation in Diverse Settings

Ahna Packard
Assistant Professor of Industrial Technology, 2018, M.F.A., University of Nebraska-Lincoln

Hector Palencia
Associate Professor of Chemistry, 2009, B.S., University of Michoacan, Mexico; M.S., Universidad Nacional Autonoma de Mexico (UNAM); Ph.D., University of Nebraska-Lincoln/UNAM
Research and Teaching Interests: Organic Chemistry; Catalysis; Biofuels; Green Chemistry; Organic Synthesis

Noel Palmer
Associate Professor of Management and M.B.A. Program Director, 2010, B.S., United States Military Academy, West Point; M.A., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Leadership; Organizational Behavior; Business Ethics; Ethical Decision-Making; Research Methods

Taekyung Park
Assistant Professor of Social Work, 2018, Ph.D., Indiana University of Social Work

Mahesh Pattabiraman
Associate Professor of Chemistry, 2012, University of Madras, India; M.S., Indian Institute of Technology, India; Ph.D., University of Miami.

Patricia Philippi
Lecturer of Kinesiology and Sport Sciences, 2015, M.A., University of Nebraska at Omaha

Dale L Porter
Assistant Professor of Industrial Technology, 2013, B.A., M.S., Colorado State University

Cami Prochnow
Lecturer of Teacher Education, 2018, M.A.Ed., Concordia University

Steven Ramsey
Assistant Professor of Art and Design, 2014, B.F.A., Cleveland Institute of Art; M.F.A., Illinois State University
Research and Teaching Interests: Glass; Sculpture; Digital Arts

Dustin Ranglack
Assistant Professor of Biology, 2016, B.S., Ph.D., Utah State University

Samuel Rapien
Assistant Professor of Art and Design, 2016, B.F.A., M.F.A., University of Nebraska at Lincoln

Timothy Reece
Associate Professor of Physics and Astronomy, 2011, B.A., University of Nebraska at Omaha; M.S., Ph.D., University of Nebraska-Lincoln

Letitia Reichart
Associate Professor of Biology, 2009, B.S., Indiana University of Pennsylvania; Ph.D., Washington State University
Research and Teaching Interests: Behavioral Ecology/Ornithology

Patty Reifenrath
Senior Lecturer of Mathematics and Statistics, 2009, B.A.Ed., Wayne State College; M.B.A., University of Nebraska-Lincoln; M.A.Ed., Chadron State College

Noah Rogoff
Associate Professor of Music, Theatre and Dance, 2008, B.M., Northwestern University; M.M., M.A., D.M.A., University of Minnesota
Research and Teaching Interests: Cello Performance; Chamber Music; Music Theory

James R Rohrer
Professor of History, 2005, B.A., Kent State University; M.A., Ph.D., The Ohio State University; M.Div., University of Dubuque Theological Seminary
Research and Teaching Interests: Early American History; Religion in Revolutionary and Early National America; American Religious Culture; History of Christian Mission

Jacob Rosdail
Assistant Professor of Communication, 2014, M.F.A., Wake Forest University
Research and Teaching Interests: Video Production; Digital Storytelling

Chuck Rowling
Associate Professor of Political Science, 2012, B.A., University of Nebraska at Kearney; M.A.; Ph.D., University of Washington
Research and Teaching Interests: International Relations; Media and U.S. Foreign Policy; Strategic Political Communication; National Identity and International Conflict

David Rozema
Professor of Philosophy and Director, 1992, B.S., Northern Arizona University; Ph.D., University of Utah
Research and Teaching Interests: Philosophy in Literature; Philosophy of Science; Ethics; Plato; and Wittgenstein

Theodore Rupnow
Assistant Professor of Mathematics and Statistics, 2016, B.A., 2008, Trinity International University; M.Ed., 2011, Western Governors University; Ph.D., 2016, Illinois State University

Robert F Rycek
Professor of Psychology, 1983, B.A., University of Illinois at Chicago; M.A., Ph.D., Northern Illinois University
Research and Teaching Interests: Cognitive Development; Logical Reasoning and Problem Solving; Adolescent Egocentrism

Whitney Schneider-Cline
Assistant Professor of Communication Disorders, 2009, B.S., M.S.Ed., University of Nebraska at Kearney

Richard D Schuessler
Professor of Art and Design and Chair, 1993, A.A.S., Mohawk Community College; B.F.A., State University of New York at Fredonia; M.F.A., Virginia Commonwealth University
Research and Teaching Interests: Graphic Design; Three-dimensional Design; Typographic Design; and Design Theory/Methodology

Claire Schultz
Assistant Professor of Art and Design, 2018, Ph.D., Mercer University

Srivatsa Seshadri
Professor of Marketing and Management Information Systems, 1993, B.E., University of Mysore, India; Ph.D., University of Arkansas
Research and Teaching Interests: International Marketing; E-Commerce; Competitive Intelligence; Marketing Research; Marketing Strategy; Ethics

Julie J Shaffer
Professor of Biology, 1999, B.S., Sioux Falls College; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Microbial Ecology

Mahmoud Shakouri Hassamabadi
Assistant Professor of Industrial Technology, 2018, Ph.D., Oregon State University

Terese Sheridan
Senior Lecturer of Kinesiology and Sport Sciences, 2007, B.S., University of Wisconsin-La Crosse; M.A., The Ohio State University

Dawn Simon
Professor of Biology, 2009, B.S., Ph.D., University of Iowa
Research and Teaching Interests: Phylogenetics; Introns; Mobile Elements

Rick Simonson
Senior Lecturer of Biology, 2000, B.A., Concordia College; M.S., University of Nebraska at Kearney

Amanda Sladek
Assistant Professor of English, 2017, B.A., Midland University; Ph.D., University of Kansas

Christina Sogar
Associate Professor of Social Work, 2013, B.A., Middlebury College; M.A., University of Chicago

Eunkyung Son
Assistant Professor of Music, Theatre and Dance, 2018, D.M.A., University of Iowa

Kaye Sorensen
Senior Lecturer of Mathematics and Statistics, 1990-1997, 2006, B.S., Kearney State College; M.S., University of Nebraska at Kearney; Ed.D., 2015, University of South Dakota

Janet E Steele
Professor of Biology and Chair, 1993, B.S., Texas A&M University; M.S., Eastern Illinois University; Ph.D., Miami University
Research and Teaching Interests: Cardiovascular, Exercise and Renal Physiology

Annarose Steinke
Assistant Professor of English, 2016, B.A., Barnard College; M.A., University of Connecticut; Ph.D., University of New Mexico

Chris Steinke
Assistant Professor of History, 2015, A.B., Harvard University; M.A., University of Nebraska-Lincoln; Ph.D., University of New Mexico

Janet Stoeger Wilke
Associate Professor of Library and Dean, 1988, B.S., M.S., Chadron State College; M.A.L.I.S., University of Wisconsin-Madison

Jeanne Stolzer
Professor of Family Studies and Interior Design, 2002, B.S., M.S., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Advisory Board member for the International Center for the Study of Psychiatry and Psychology (ICSPP); Advisory Board Member for International Citizen’s Commission on Human Rights (CCHR); Research interests include the biocultural implications of attachment parenting, human lactation, ethology, neurobiology, the multivariational effects of labeling and drugging children and adolescents, and Attention Deficit Hyperactivity Disorder

Megan Strain
Assistant Professor of Psychology, 2014, B.A., Nebraska Wesleyan University; M.S., Ph.D., Kansas State University

Jane Strawhecker
Professor of Teacher Education and Assistant Chair, 2000, B.A., Kearney State College; M.A., MidAmerica Nazarene University; Ph.D., University of Nebraska-Lincoln.
Research and Teaching Interests: Math Education

Nadine Stuehm
Senior Lecturer of Social Work, 1996, B.A., Kearney State College; M.S.W., University of Nebraska at Omaha

Ye Su
Assistant Professor of Marketing and Management Information Systems, 2016, Ph.D., University of Missouri

Laurie Swinney
Professor of Accounting/Finance, 1991, B.S., Nebraska Christian College; M.B.A., University of Cincinnati; Ph.D., University of Nebraska-Lincoln; C.P.A. (inactive)
Research and Teaching Interests: Professionalism; CPA Licensure Issues

Marguerite Tassi
Professor of English, 1997, B.A., Columbia University; M.A., University of Virginia; Ph.D., Claremont Graduate School
Research and Teaching Interests: Shakespeare; Renaissance Drama; Ancient Literature; Literature of Revenge

Allen Ross Taylor
Associate Professor of Cyber Systems, 2004, M.B.A., Webster University; B.S., Ph.D., University of Arkansas
Research and Teaching Interests: Computer-Aided Decision Making; Technology and Innovation; Software Quality Assurance

Michael Taylor
Lecturer of Communications, 2016, A.A., Southeastern Community College; B.A., M.A., University of Northern Iowa

Michael Teahon
Associate Professor of Educational Administration and Chair, 2018, Ed.D., University of Nebraska-Lincoln

Ana Tejada
Lecturer of Spanish, 2015, B.A., M.A.Ed., University of Nebraska at Kearney

Frank Tenkorang
Professor of Marketing and Management Information Systems and Chair, 2006, B.S., University of Ghana; M.S., University of Wyoming; Ph.D., Purdue University
Research and Teaching Interests: Agriculture Related Issues; Econometric Analysis

Allen Thomas
Associate Professor of Chemistry, 2014, B.S., M.S., Baylor University; Ph.D., Kellogg School of Science and Technology at The Scripps Research Institute
Research and Teaching Interests: Designing Drugs that Utilize Blood-Brain Barrier Transporter Proteins for Alzheimer's and other Brain Diseases

Jan Thompson
Senior Lecturer of English, 2005, B.J., University of Nebraska-Lincoln; M.A., University of Nebraska at Kearney; M.F.A., University of Nebraska

Paula Thompson
Assistant Professor of Teacher Education, 2011, A.A., Central Community College; B.A., M.A., University of Nebraska at Kearney

Douglas Tillman
Associate Professor of Counseling and School Psychology, 2012, B.S., M.S.Ed., University of Nebraska at Kearney; Ph.D., University of South Dakota
Research and Teaching Interests: Spirituality in Counseling; Clinical Supervision; Counseling Theories and Social Media

Glenn E Tracy
Associate Professor of Teacher Education, 1999, B.S.Ed., M.A., Truman State University; Ed.D, Oklahoma State University
Research and Teaching Interests: English as a Second Language; Language Acquisition

Kenneth W Trantham
Professor of Physics and Astronomy and Engineering Program Director, 2009, B.S., Arkansas Tech University; M.S., University of Missouri-Rolla; Ph.D., University of Nebraska Lincoln.

Jenara Turman
Senior Lecturer of English, 2005, B.A., M.A., University of Nebraska at Kearney

Jinny Turman
Associate Professor of History, 2013, B.A.D., North Carolina State University; M.A., Appalachian State University; Ph.D., West Virginia University
Research and Teaching Interests: Modern U.S., Public, Social, and Environmental History

Paul Twigg
Professor of Biology, 1992, B.S., Indiana University of Pennsylvania; Ph.D., University of Tennessee
Research and Teaching Interests: Plant Molecular Biology; Genomics of Bioenergy Crops; Gene Expression in Plant-Insect Interactions; Plant Physiology

Rebecca Umland
Professor of English and Martin Distinguished Professor, 1989, B.A., M.A., Ph.D., University of Iowa
Research and Teaching Interests: Nineteenth Century British Literature; Arthurian Literature; Continental Literature

Sam Umland
Professor of English and Chair, 1988, B.A., M.A., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Film Studies; Critical Theory; Media Studies

Joshua Underwood
Assistant Professor of Kinesiology and Sport Sciences, 2018, D.A.T., University of Idaho

Scott Unruh
Professor of Kinesiology and Sport Sciences, 1999, B.S., School of the Ozarks; M.Ed., Ed.D., University of Arkansas
Research and Teaching Interests: Athletic Training Education; Assessment of Student Learning and Program Effectiveness; Athlete Satisfaction of Care

David Vail
Assistant Professor of History, 2016, B.A., Southern Oregon University; M.A., Utah State University; Ph.D., Kansas State University

Matthew Van den Berg
Assistant Professor of Economics, 2018, Ph.D., American University

Linda Van Ingen
Professor of History and Director of the Women's and Gender Studies Program, 2001, B.A., University of Iowa; M.A., Ph.D., University of California, Riverside
Research and Teaching Interests: Twentieth-century U.S. History; Women’s History; Civil Rights; Race and Gender; Historical Methods

**Jody Van Laningham**
Associate Professor of Social Work, 2007, B.A., Doane College; M.A., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Child Abuse and Neglect; Child Welfare Policy; Marriage and Family Well-being; Race, Class and Gender

**Denys Van Renen**
Associate Professor of English, 2012, B.S., B.A., University of Colorado Boulder; M.S., Stanford University; M.A., Ph.D., University of Illinois at Urbana-Champaign
Research and Teaching Interests: John Milton; Restoration and Eighteenth Century British Literature; Ecocriticism

**Nathan Vander Werf**
Assistant Professor of Mathematics and Statistics, 2017, Ph.D., University of Notre Dame

**Teresa Vang-Freeling**
Lecturer of Social Work, 2012, B.S., University of Nebraska at Kearney; M.S.W., University of Nebraska at Omaha

**Stathene Varvisotis**
Assistant Professor of Teacher Education, 2013, B.A., Wittenberg University; M.Ed., William Paterson University of New Jersey; Ph.D., Capella University

**Dana Vaux**
Assistant Professor of Family Studies and Interior Design, 2014, B.A., M.A., Washington State University

**James Vaux**
Assistant Professor of Industrial Technology and Chair, 2014, M.A., Ph.D., Washington State University

**Vernon Volpe**
Professor of History, 1987, B.A., M.A., Youngstown State University; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Nineteenth-century U.S. History; Civil War and Reconstruction; Slavery; Antislavery; Western Expansion and Exploration; U.S. Constitution; Political, Military, and Quantitative History

**Phu Vu**
Associate Professor of Teacher Education, 2013, B.A., Quy Nhon University, Vietnam; M.A., Ph.D., Southern Illinois University Carbondale
Research and Teaching Interests: Online Learning; Game-Based Learning; Gamification; Technology Integration in Education; ESL

**Theresa A Wadkins**
Professor of Psychology, 1990, B.S., Kearney State College; M.S., Fort Hays State University; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Teaching Issues; Procrastination and Stress of Emergency Responders

**Christopher Waples**
Assistant Professor of Psychology, 2015, B.S., Nebraska Wesleyan University; M.S., Ph.D., Kansas State University
Research and Teaching Interests: Performance Feedback, Work Motivation, and Job Attitudes

**Michelle Warren**
Assistant Professor of Spanish, 2013, B.A., University of Nebraska at Kearney; M.A., Ph.D., University of Kansas
Research and Teaching Interests: Theatre; Film; Narrative from Spain, Latin America, and the United States; Themes of Culture, Nationality, and Ethnicity; How Comedy Contributes to the Affirmation and Questioning of Theatre and Performance

**Doug Waterfield**
Professor of Art and Design, 2010, B.F.A., M.F.A., Louisiana Tech University; M.A., Louisiana State University
Research and Teaching Interests: Mid-Century Art and Culture; Atomic Testing Imagery; Art History; Painting

**Ashley Wets**
Lecturer of Communication, 2016, B.A., Wartburg College; M.S., Western Illinois University

**Jacob Weiss**
Associate Professor of Mathematics and Statistics, 2007, B.S., University of Nebraska at Kearney; M.S., Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Time Scales; Differential Equations; Difference Equations

**Laurinda Weiss**
Assistant Professor of Library and University Archivist, 2014, M.S., University of Michigan

**Robert (Jeff) Wells**
Associate Professor of History and Chair, 2014, M.A., Missouri State University; Ph.D., Texas Christian University

**Camie West**
Senior Lecturer of Teacher Education, 2011, B.A.Ed., Kearney State College; M.A.Ed., University of Nebraska at Kearney

**Mallory Wetherell**
Assistant Professor of Art and Design, 2014, M.F.A., University of Massachusetts-Dartmouth
Research and Teaching Interests: Ceramics; Drawing; Three-Dimensional Design

**Andrew White**
Professor of Music, Theatre and Dance, 2005, B.M., M.M., A.D., D.M.A., Cleveland Institute of Music/Case Western Reserve University
Research and Teaching Interests: Diction; Contemporary Music; Art Song; Musical Theatre

**Beth Wiersma**
Professor of Criminal Justice, 2001, B.S., Moorhead State University; M.S., Northern State University; Ph.D., South Dakota State University
Research and Teaching Interests: Sex Offenders; Institutional and Community Based Corrections

**Barton Willis**
Professor of Mathematics and Statistics, 1992, B.S., Kansas State University; Ph.D., Virginia Polytechnic Institute and State University
Research and Teaching Interests: Mathematical Physics; Functional Analysis; and Computer Algebra Systems

**Jill Wilson**
Lecturer of Communication Disorders, 2016, M.S.Ed., University of Nebraska at Kearney

**Ronald Wirtz**
Associate Professor of Library and Coordinator of User Services/Assessment Librarian/Assistant Director of the Learning Commons for the Library, 2007, M.A., Colorado State University; M.L.S., Emporia State University; B.A., Ph.D., Kansas State University

Brian Wojcik
Assistant Professor of Teacher Education, 2013, B.S.Ed., M.S.Ed., Ed.D., Illinois State University
Research and Teaching Interests: Assistive Technology; Universal Design for Learning; Technology Supports for Diverse Learners

Denise Wolfe
Lecturer of Communication Disorders, 2017, MSED, University of Nebraska at Kearney

William Wozniak
Professor of Psychology, 1978, A.B., University of Notre Dame; M.A., Ph.D., Miami University
Research and Teaching Interests: Irrational Belief Systems; Teaching Techniques; Cognitive and Environmental Psychology

Melissa Wuellner
Associate Professor of Biology, 2018, Ph.D., South Dakota State University

Timbre Wulf-Ludden
Assistant Professor of Criminal Justice, 2014, B.S., M.A., Ph.D., University of Nebraska at Omaha

Y
Theresa Yaw
Lecturer of Accounting/Finance, 2016, B.S., Kearney State College; M.S., Fort Hays State University; Ph.D., University of Nebraska-Lincoln

Marsha K Yeagley
Senior Lecturer of Marketing and Management Information Systems, 1978, B.S., M.B.A., Kearney State College

Maha Younes
Professor of Social Work and Chair, 1991, B.A., University of Nebraska at Kearney; M.A., Ph.D., University of Kansas
Research and Teaching Interests: Domestic and International Social Policy; Multicultural and Global Education; Adult Education, Child Welfare, and Advocacy and Social Action

Z
Jane Ziebarth-Bovill
Associate Professor of Teacher Education, 1984, B.A., M.A.Ed., Kearney State College; Ph.D., University of Nebraska-Lincoln
Research and Teaching Interests: Field-based Education; Service-Learning; Democratic Teaching Strategies; Brain-based Learning; Human Relations; Classroom Civility

Fletcher Ziwoya
Associate Professor of Communication, 2013, B.A., African Bible College, Malawi; M.A., M.A., Ph.D., Ohio University

Undergraduate Faculty Emeriti

Alden Donna, Art and Art History, 2004-2012

Anderson John, Political Science, 1993-2011
Anderson Greg, Library, 1988-2014
Archwamety Tara, Counseling & School Psychology, 1979-2011

B
Barton Mary Ann, Library, 1997-2007
Batenhorst Elaine, Teacher Education, 1980-2010
Becker A. Steele, Geography and Earth Science, 1964-2007
Bennett Gordon E., Geography and Earth Science, 1975-2006
Benzel Kathryn N., English, 1987-2013
Benzel Michael A., English, 1987-2005
Bishop Paul, Health, Physical Education, Recreation and Leisure Studies, 1974-2012
Blickensderfer Peter, Chemistry, 1966-1995
Bloomfield Susanne, English, 1988-2015
Boeckl Christine, Art and Art History, 1991-2003
Brown Dennis, Criminal Justice, 1977-2007

C
Cafferty Elsie, Business Administration/Business Education, 1974-2001
Camp Margaret, Accounting/Finance, 1976-2008
Cisler Valerie, Music, Theatre and Dance, 1994-2017
Clark R. David, Chemistry, Dean of CNSS, 1975-2003
Cochran John, Communication Disorders, 1973-1986
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