MIDDLE LEVEL 5-9 TEACHING SUBJECT ENDOREMENT, BACHELOR OF SCIENCE IN EDUCATION

Offered by Department of Teacher Education (http://catalog.unk.edu/undergraduate/departments-programs/teacher-education/)

(Selection of specific Academic Concentration determines whether degree awarded is BAE or BSE; see Middle Level Academic Concentration (p. 1), below.)

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### General Studies

**Foundational Requirements (LOPERS 1-4)**

**Including:**

- LOPER 2: Writing Skills
  - ENG 101 Introduction of Academic Writing
- LOPER 3: Oral Communication Skills
  - SPCH 100 Fundamentals of Speech Communication
- LOPER 4: Mathematics, Statistics and Quantitative Reasoning
  - MATH 102 College Algebra

**Broad Knowledge Requirements (LOPERs 5 – 8)**

**Including:**

- LOPER 7: Social Science
  - PSCI 110 Introduction to American Politics
- LOPER 8: Natural Science
  - BIOL 103 General Biology

**Dispositional Requirements (LOPERs 9-10)**

**Including:**

- LOPER 9: Civic Competency and Engagement
  - PSCI 110 Introduction to American Politics
- LOPER 10: Respect for Human Diversity
  - TE 100 Teaching in a Democratic Society
  - PE 150 Healthy Wealthy and Wise

**Program Specified Requirements**

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**Professional Sequence**

Complete all required courses

**Including:**

- TE 411 Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms
- TE 472 Management and Assessment in Middle Level Classrooms

**Endorsement**

Complete all required courses

Unrestricted electives

Needed to reach 120 credit hour minimum

Total Credit Hours

8-3

120

### Endorsement

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**Middle Level Core Requirements**

- TESE 323 Partnerships with Families
- TE 328 Content Methods in English as a Second Language
- TE 331 Intermediate Literacy
- TE 333 Reading in the Content Area in Middle Level Classrooms
- TE 471 History and Philosophy of Middle School
- TE 473 Field Experience in Middle Level Classrooms
- TESE 330 Collaboration, Consultation, and Co-Teaching
- CSP 404 Counseling & Mental Disorders
- CSP 417 Counseling Skills

Select one method course that matches selected concentration area:

- MATH 470 Methods in Middle and High School Mathematics Teaching II
- BIOL 471 Methods in Secondary Science Teaching
- PHYS 471 Methods in Secondary Science Teaching

**Middle Level Academic Concentration**

Students must have 24 distinct credit hours in one specialization area:

**Mathematics (28-30 hours required)**

Take all of the following:

- MATH 103 Plane Trigonometry
- MATH 230 Math for Elementary Teachers I
- MATH 270 Methods in Middle and High School Mathematics Teaching I
- MATH 271 Field Experience in Middle and High School Mathematics I
- MATH 330 Math for Elementary Teachers II
- MATH 430 Middle School Mathematics
- MATH 471 Field Experience in Middle and High School Mathematics II
- STAT 241 Elementary Statistics

Take one of the following options:

Take all of the following:

- MATH 106 Mathematics for Liberal Arts
- MATH 120 Finite Mathematics
- MATH 123 Applied Calculus I

OR

Take the following:

- MATH 115 Calculus I with Analytic Geometry

and TWO of the following:

- MATH 106 Mathematics for Liberal Arts
- MATH 120 Finite Mathematics
- MATH 400 History of Mathematics
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<th>Course</th>
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<tr>
<td>MATH 440</td>
<td>Linear Algebra</td>
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<td>BIOL 215</td>
<td>Human Physiology</td>
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<td>PHYS 301</td>
<td>Advanced Physical Science</td>
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**Sciences (24-25 hours required)**

Select one of the following options:

- CHEM 145 Introductory Chemistry

**OR**

- CHEM 160 General Chemistry and General Chemistry Laboratory

Select a minimum of 8 hours from the following:

- GEOG 101 Physical Geography I: The Atmosphere
- GEOG 102 Physical Geography II: The Lithosphere
- GEOG 103 The Dynamic Planet: Hazards in the Environment
- GEOG 207 Physical Geology
- GEOG 209 Meteorology
- PHYS 201 Earth Science
- PHYS 210 Astronomy and General Astronomy Laboratory

Take one of the following options:

- CHEM 161 General Chemistry and General Chemistry Laboratory

**OR**

- PHYS 205 General Physics I and Physics I Laboratory

**Total Hours** 50-55

1. Students without sufficient preparation will also need to take the following, increasing the total credit hours needed:
   - MATH 101

2. Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required GS hours.

3. Students must apply for admission to all Teacher Education programs (http://catalog.unk.edu/undergraduate/departments-programs/teacher-education/professional-sequence-education-degrees/).