# MIDDLE LEVEL 5-9 TEACHING SUBJECT ENDORSEMENT, 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.)

<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)

Foundational Core courses (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses) 12

Including:

- ENG 102  Academic Writing and Research 3
- SPCH 100  Fundamentals of Speech Communication 3
- TE 100  Teaching in a Democratic Society 3
- MATH 102  College Algebra 3

### Portal

Select one course numbered 188 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course) 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

(http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics) 3

### Humanities

(http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities) 6

### Social Sciences

(http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences) 6

Including:

- PSCI 110  Introduction to American Politics 3
- Natural Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences) 8

Including:

- BIOL 103  General Biology 3
- PHYS 100 & 100L  Physical Science and Physical Science Laboratory 3

### Analytical and Quantitative Thought

(http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought) 0

### Wellness

(http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness) 3

Including:

- PE 150  Healthy Wealthy and Wise 3

### Capstone

Select one course numbered 388 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course) 3

## Professional Sequence

Complete all required courses 1

Including:

- TE 411  Inclusive Practices for Students with Exceptionalities in PreK-8 Classrooms 2
- TE 472  Management and Assessment in Middle Level Classrooms 2

## Endorsement

Complete all required courses 1

Including:

- TESE 323  Partnerships with Families 1
- TE 331  Intermediate Literacy 3
- TE 333  Reading in the Content Area in Middle Level Classrooms 3
- TE 471  History and Philosophy of Middle School 3
- TE 473  Field Experience in Middle Level Classrooms 2
- TESE 330  Collaboration, Consultation, and Co-Teaching 3
- CSP 404  Counseling & Mental Disorders 2
- CSP 417  Counseling Skills 3

Select one method course that matches selected concentration area:

- MATH 470  Methods in Middle and High School Mathematics Teaching 3
- BIOL 471  Methods in Secondary Science Teaching 3
- PHYS 471  Methods in Secondary Science Teaching 3

## Middle Level Core Requirements

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### Middle Level Academic Concentration

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

### Mathematics (24-26 hours required)

Take all of the following:

- MATH 103  Plane Trigonometry 3
- MATH 230  Math for Elementary Teachers I 3
- MATH 330  Math for Elementary Teachers II 3
- MATH 430  Middle School Mathematics 3
- STAT 241  Elementary Statistics 3

Take one of the following options:

Take all of the following:

- MATH 106  Mathematics for Liberal Arts 3
- MATH 120  Finite Mathematics 3
- MATH 123  Applied Calculus I 3

OR
Take the following:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MATH 115</td>
<td>Calculus I with Analytic Geometry</td>
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and TWO of the following

<table>
<thead>
<tr>
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<th>Title</th>
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<tr>
<td>MATH 106</td>
<td>Mathematics for Liberal Arts</td>
</tr>
<tr>
<td>MATH 120</td>
<td>Finite Mathematics</td>
</tr>
<tr>
<td>MATH 400</td>
<td>History of Mathematics</td>
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<tr>
<td>MATH 440</td>
<td>Linear Algebra</td>
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**Sciences (24-25 hours required)**

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<tbody>
<tr>
<td>BIOL 215</td>
<td>Human Physiology</td>
</tr>
<tr>
<td>PHYS 301</td>
<td>Advanced Physical Science</td>
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Select one of the following options:

- CHEM 145 Introductory Chemistry

OR

- CHEM 160 General Chemistry
  & 160L and General Chemistry Laboratory

Select a minimum of 8 hours from the following:

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>GEOG 101</td>
<td>Physical Geography I: The Atmosphere</td>
</tr>
<tr>
<td>GEOG 102</td>
<td>Physical Geography II: The Lithosphere</td>
</tr>
<tr>
<td>GEOG 103</td>
<td>The Dynamic Planet: Hazards in the Environment</td>
</tr>
<tr>
<td>GEOG 207</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>GEOG 209</td>
<td>Meteorology</td>
</tr>
<tr>
<td>PHYS 201</td>
<td>Earth Science</td>
</tr>
<tr>
<td>PHYS 210</td>
<td>Astronomy</td>
</tr>
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  & 210L and General Astronomy Laboratory

Take one of the following options:

- CHEM 161 General Chemistry
  & 161L and General Chemistry Laboratory

OR

- PHYS 205 General Physics I
  & 205L and Physics I Laboratory

**Total Credit Hours** 47-49

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