PHYSICS 7-12 TEACHING SUBJECT ENDORSEMENT, BACHELOR OF SCIENCE IN EDUCATION

Offered by Department of Physics and Astronomy (http://catalog.unk.edu/undergraduate/departments-programs/physics-astronomy/)

<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 Requirements (LOPERs 1-4)**

Including:

- ENG 101 Introduction of Academic Writing
- SPCH 100 Fundamentals of Speech Communication
- MATH 115 Calculus I with Analytic Geometry

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

including

- PSCI 110 Introduction to American Politics

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

including

- PSCI 110 Introduction to American Politics
- TE 100 Teaching in a Democratic Society

**Wellness (LOPER 11) Optional**

<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>

### Program Specified Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 102</td>
<td>Special Topics in Academic Writing and Research</td>
<td>3</td>
</tr>
</tbody>
</table>

### Professional Sequence

Complete all required courses

- TE 319 Management and Assessment in K-12/Secondary Classrooms
- TE 320 Field Experience in Secondary Classroom

### Endorsement

Complete all required courses

- PHYS 123 Freshman Physics Seminar
- PHYS 201 Earth Science
- PHYS 275 General Physics I (Calculus)
- PHYS 275L General Physics I (Calculus) Laboratory
- PHYS 276 General Physics II (Calculus)
- PHYS 276L General Physics II (Calculus) Laboratory
- PHYS 301 Advanced Physical Science
- PHYS 346 Modern Physics I
- PHYS 471 Methods in Secondary Science Teaching

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>PHYS 300-PHYS 499</td>
<td></td>
<td></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 (http://catalog.unk.edu/undergraduate/departments-programs/teacher-education/professional-sequence-education-degrees/).