

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/>)

Code	Title	Credit Hours
General Studies		
<i>Foundational Requirements (LOPERs 1-4)</i>		14
Including:		
LOPER 2: Writing Skills		
ENG 101	Introduction to Academic Writing	
LOPER 3: Oral Communication Skills		
SPCH 100	Fundamentals of Speech Communication	
LOPER 4: Mathematics, Statistics, and Quantitative Reasoning		
MATH 115	Calculus I with Analytic Geometry ¹	
<i>Broad Knowledge Requirements (LOPERs 5-8)</i>		10
including		
LOPER 7: Social Sciences		
PSCI 110	Introduction to American Politics	
LOPER 8: Natural Sciences		
CHEM 160	General Chemistry	
CHEM 160L	General Chemistry Laboratory	
<i>Dispositional Requirements (LOPERs 9-10)</i>		6
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	
<i>Wellness (LOPER 11) Optional</i>		0
Program Specified Requirements		3
ENG 102	Special Topics in Academic Writing and Research	
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		37
Unrestricted electives		
Needed to reach 120 credit hour minimum		25
Total Credit Hours		120

Endorsement

Code	Title	Credit Hours
Physics Subject Endorsement Requirements		
PHYS 123	Freshman Physics Seminar	3
PHYS 201	Earth Science	4
PHYS 275 & 275L	General Physics I (Calculus) and General Physics I (Calculus) Laboratory	5
PHYS 276 & 276L	General Physics II (Calculus) and General Physics II (Calculus) Laboratory	5
PHYS 301	Advanced Physical Science	4
PHYS 346	Modern Physics I	4
PHYS 471	Methods in Secondary Science Teaching	3
Select 9 credit hours of the following:		9
PHYS 300-PHYS 499		
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/>).

Students should see their academic advisor to include biology requirements in order to meet Nebraska Department of Education Physics 7-12 teaching endorsement requirements.