

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

Offered by Department of Biology (<http://catalog.unk.edu/undergraduate/departments-programs/biology/>)

Code	Title	Credit Hours
General Studies		
<i>Foundational Requirement (LOPERs 1-4)</i>		12
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 102	College Algebra ¹	
<i>Broad Knowledge Requirements (LOPERs 5-8)</i>		13
Including:		
Loper 7: Social Science		
PSCI 110	Introduction to American Politics	
LOPER 8: Natural Science		
PHYS 201	Earth Science	
<i>Dispositional Requirements: (LOPERs 9-10) ²</i>		6
Including:		
LOPER 10: Respect for Human Diversity		
TE 100	Teaching in a Democratic Society	
<i>Wellness (LOPER 11) Optional</i>		0
Program Specific Requirements		3
ENG 102	Special Topics in Academic Writing and Research	
Professional Sequence ³		25
Including:		
TE 319	Management and Assessment in K-12/ Secondary Classrooms	
TE 320	Field Experience in Secondary Classroom	
Endorsement		
Complete all required course		47
Unrestricted Electives		
Needed to reach 120 credit hour minimum		14
Total Credit Hours		120

A minimum 2.5 GPA is required in all courses counting toward this endorsement.

Endorsement

Code	Title	Credit Hours
Biology Subject Endorsement Core Requirements		
BIOL 105	Biology I	4
BIOL 106	Biology II	4
BIOL 231	Research Methods I	3
BIOL 359	Evolution	3
BIOL 305	BioStatistics	3
BIOL 307	Ecology	3
BIOL 360	Genetics	4
Take 2 hours from		2
BIOL 421	Seminar in Biology	
OR		
BIOL 431A	Research Methods IIA	
BIOL 431B	Research Methods IIB	
BIOL 471	Methods in Secondary Science Teaching	3
Biology Option Supporting Course Requirements		
<i>Earth Science</i>		
Fulfilled by General Studies requirements		0
<i>Chemistry</i>		
CHEM 160 & 160L	General Chemistry and General Chemistry Laboratory	8
AND		
CHEM 161 & 161L	General Chemistry and General Chemistry Laboratory	
<i>Math</i>		
MATH 103	Plane Trigonometry	3
<i>Statistics</i>		
Fulfilled by Biology Subject Endorsement Core requirements		0
<i>Physics</i>		
Select one of the following:		4
PHYS 301	Advanced Physical Science	
PHYS 205 & 205L	General Physics I and Physics I Laboratory	
PHYS 275 & 275L	General Physics I (Calculus) and General Physics I (Calculus) Laboratory	
Counseling Skills		3
CSP 417	Counseling Skills	
Total Credit Hours		47

1

Students with sufficient preparation may enter the mathematics program at a higher level. Students are required to take a LOPERs 4: Mathematics, Statistical, and Quantitative Reasoning course regardless of entry level.

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.

2 Biology 7-12 Teaching Subject Endorsement, Bachelor of Science in Education

3

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