

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

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

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

Code	Title	Credit Hours
General Studies		
<i>Foundational Core (Written, Math, Oral Democracy)</i>		
ENG 102	Academic Writing and Research	3
MATH 102	College Algebra ¹	3
SPCH 100	Fundamentals of Speech Communication	3
TE 100	Teaching in a Democratic Society	3
<i>Portal</i>		
	Select one course numbered 188 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course)	3
<i>Distribution</i>		
ENG 101	Introduction of Academic Writing	3
<i>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.</i>		
	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	
	Natural Sciences (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences)	8
Including:		
CHEM 160	General Chemistry	
CHEM 160L	General Chemistry Laboratory	
PHYS 201	Earth Science	
	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	
<i>Capstone</i>		
	Select one course numbered 388 (http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course)	3
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	40
Unrestricted Electives	
Needed to reach 120 credit hour minimum	8
Total Credit Hours	120

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 290	Evolution	3
BIOL 305	BioStatistics	3
BIOL 307	Ecology	3
BIOL 360	Genetics	4
BIOL 431	Research Methods II	2
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 161	General Chemistry	3
CHEM 161L	General Chemistry Laboratory	1
<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	
Total Credit Hours		40

¹ Students with sufficient preparation may enter the mathematics program at a higher level, reducing the total credit hours needed. **See advisor for math placement.**

² Students must apply for admission to all Teacher Education programs. (<http://catalog.unk.edu/undergraduate/departments-programs/teacher-education/professional-sequence-education-degrees>)