

Major: Secondary Education, B.S.Ed. Specialization: Biology Education

[2021-2022 Academic Catalog]

			SGR/Major Requirement	Cr Hrs				SGR/Major Requirement	Cr Hrs			
<u>First Year - 1st Semester</u>					<u>First Year - 2nd Semester</u>							
BIOL 151/L General Biology I	SGR 6/Major	4	BIOL 153/L General Biology II	SGR 6/Major	4	EDFN 101 Exploration of Teaching			SGR 4/Major	3		
ENGL 101 Composition I	SGR 1	3	ENGL 210 Intro to Literature	SGR 3	3	ENGL 101 Composition I			SGR 3	3		
CMST 101 Fundamentals of Speech	SGR 2	3	Social Sciences	SGR 4	3	CMST 101 Fundamentals of Speech			SGR 4	3		
Mathematics	SGR 5	3	Fine Arts			Mathematics				3		
Electives		2	Electives		0	Electives				0		
Semester Credit Hours: 16					Semester Credit Hours: 16							
<u>Second Year - 1st Semester</u>					<u>Second Year - 2nd Semester</u>							
EDFN 338 Foundations of American Ed	Major	2	BIOL 425 or 443 Cell Physiology or Cell Biology	Major	3	SEED 296 Field Experience	Major	1	BIOL 471 Genetics	Major	3	
TET 200 Tech to Improve Learning	Major	2	INED 211 SD American Indian Culture & Education	SGR 3/Major	3	TET 200 Tech to Improve Learning	Major	2	CHEM 114/L General Chemistry II	Major	4	
SPED 100 Intro to Persons w/ Exceptionalities	Major	3	Electives		3	SPED 100 Intro to Persons w/ Exceptionalities	Major	3	Electives		0	
BIOL 311 /L Principles of Ecology	Major	4	Semester Credit Hours: 16			BIOL 311 /L Principles of Ecology	Major	4	Semester Credit Hours: 16			
CHEM 112/L General Chemistry I	Major	4	<u>Third Year - 1st Semester</u>					CHEM 112/L General Chemistry I	Major	4	<u>Third Year - 2nd Semester</u>	
Semester Credit Hours: 16					<u>Third Year - 2nd Semester</u>							
<u>Third Year - 1st Semester</u>					<u>Third Year - 2nd Semester</u>							
Advanced Composition	SGR 1	3	BIOL 428 or 481/L Comparative Physiology or Vertebrate Anatomy/Embryology	Major	4	Advanced Composition	SGR 1	3	BIOL 427/L or 433 or 456 Plant Physiology or Environmental Physiology of Animals or Mammalian Physiology	Major	4	
EDFN 475 Human Relations	Major	3	BIOL 427/L or 433 or 456 Plant Physiology or Environmental Physiology of Animals or Mammalian Physiology	Major	4	EDFN 475 Human Relations	Major	3	SEED 413 7-12 Science Methods	Major	3	
EPSY 200 Child/Adolescent Development and Learning	Major	3	SEED 413 7-12 Science Methods	Major	3	EPSY 200 Child/Adolescent Development and Learning	Major	3	SEED 400 Methods & Media MS/HS	Major	2	
BIOL 473 Evolution	Major	3	SEED 400 Methods & Media MS/HS	Major	2	BIOL 473 Evolution	Major	3	SEED 394 Internship	Major	1	
BIOL 475 or 483 Intro to Molecular Biology or Developmental Biology	Major	3	SEED 394 Internship	Major	1	BIOL 475 or 483 Intro to Molecular Biology or Developmental Biology	Major	3	Electives		2	
Semester Credit Hours: 15					Semester Credit Hours: 16							
<u>Fourth Year - 1st Semester</u>					<u>Fourth Year - 2nd Semester</u>							
EDFN 440 Classroom Management	Major	2	SEED 488 7-12 Student Teaching	Major	9	EDFN 440 Classroom Management	Major	2	SEED 498 Undergraduate Research/Scholarship	Major	1	
Electives		3	SEED 498 Undergraduate Research/Scholarship	Major	1	Electives		3	EDER 415 Educational Assessment	Major	2	
SEED 450 Reading and Content Literacy	Major	3	EDER 415 Educational Assessment	Major	2	SEED 450 Reading and Content Literacy	Major	3			0	
SEED 488 7-12 Student Teaching	Major	3			0	SEED 488 7-12 Student Teaching	Major	3			0	
TET 400 Methods in Ed Tech and Media	Major	2			0	TET 400 Methods in Ed Tech and Media	Major	2			0	
Semester Credit Hours: 13					Semester Credit Hours: 12							
Semester Credit Hours: 13					Semester Credit Hours: 12							
					Total Major Requirements 120							

Notes: Students must have a minimum CGPA of 2.6 to co-register for EDFN 338, SEED 296 and TET 200, and a CGPA of 2.7 to be eligible to apply for Teacher Education admission. Students must have a score of 150-Math, 156-Reading, 162-Writing in the 3 areas of the PRAXIS CORE prior to admission (ets.org). Students completing the BSED in Biology Education are not required to have a minor, but may choose to do so. Biology classes may be offered only in certain semesters or on an every other year basis. Keep this in mind when planning subsequent semesters. The Bachelor's degree is also available through the College of Arts and Sciences. A minor is required for the BS degree. All teacher certification requirements must be completed including meeting the required scores on the PRAXIS CORE, Content Test and PLT.