

Biology Education Major Freshman Year

		1st	2 nd
ENGL 101	Composition I	3	
SPCM 101	Fundamentals of Speech	3	
CORE	Social Science	3	3
CORE	Math Sequence**	3	4
BIOL 161	Principles of Genetics and Evolution	4	
BIOL 162	Principles of Organismal Diversity and Ecology		4
ENGL 210	Intro to Literature		3
CORE	Humanities/Fine Arts		3
		16	17

***Students must have a minimum CGPA of 2.5 to co-register for EDFN 338 and SEED 296.**

Junior Year

		1st	2 nd
CHEM 326 & 326L	Organic Chemistry I Lab	3 1	
CORE	IDEA Foundation	3	
INED 411	S.D. Indian Studies	3	
Minor	Electives	2	
BIOL	Electives	6	6
BIOL 420	Biostatistics		3
CHEM 482	Environmental Chemistry		3
SEED 400	Methods and Media in Middle and High School		2
SEED 394	Internship in SEED		1
EPSY 422	Psychology of Adolescence		3
		18	18

**See Undergraduate Catalogue for Math sequence options

Note: Must be admitted to Teacher Education to be enrolled in JR 2nd semester/SR courses.

Sophomore Year

		1st	2 nd
EDFN 338	American Education*	2	
SEED 296	Paraprofessional*	1	
TET 200	Basic Skills	2	
ENGL 201	Composition II	3	
BIOL 163	Principles of Cellular & Molecular Biology	4	
CHEM 112 & 114, 112L & 114L	General Chemistry I&II Labs	3 1	3 1
BIOL 164	Principles of Organismal Physiology		4
BIOL	Electives		3
HLTH 103	Personal Health		3
CORE	Aesthetic Experience		1-3
		16	15-17

Senior Year

		1st	2 nd
EDER 415	Educational Assessment	2	
EPSY 302	Educational Psychology	2	
SPED 405	Educating Secondary Students with Disabilities	3	
SEED 413	7-12 Science Methods	3	
BIOL 490	Seminar	1	
BIOL	Electives	3	
CORE	IDEA Capstone	3	

Student Teaching Semester

		1st	2 nd
EDFN 475	Human Relations		3
SEED 450	7-12 Teaching Rdnng in Content Area		3
TET 435	Internet in the Classroom		1
SEED 440	Classroom Management		1
SEED 488	Student Teaching		8
		17	16

A minimum of 38 hours of Biology including BIOL 161; 162; 163; 164; 420; 492 and an additional 18 hours of electives including an evolution course and three (3) other courses from ecology, environmental science, and the diversity groups. Methods courses cannot be double counted as part of the required hours for both the major and the minor.

16 hours of chemistry are required as part of the Biology minor.

NOTE: Students must have an Academic Teaching Minor including a methods course. A chemistry minor could be added by completing CHEM 332 and SEED 413 in addition to the chemistry classes listed as part of the Biology major.

The bachelor's degree is also available through the College of Arts and Sciences. The BS will require an additional 3 hours of electives since the methods class will not counted as part of the major. All teacher certification requirements must be completed including meeting the required scores on the PPST, Praxis Content test 0235, and the PLT.

As a professionally accredited unit, the USD School of Education limits the number of students admitted to the Teacher Education programs based on availability of resources.

2005 BOR/USD CORE (11/06)