

Physics

Teacher Certification Only

Freshman Year

		1st	2 nd
ENGL 101	Composition I	3	
SPCM 101	Fundamentals of Speech	3	
CORE	Social Science	3	
Math 123, 125	Calculus I & II	4	4
Math 123L, 125L	Calculus labs	1	1
PHYS 211, 213	Physics I & II	4	4
PHYS 211L, 213L	Physic labs	1	1
ENGL 210	Intro to Literature		3
CORE	Humanities		3
CSC	Intro to Computers		3
		19	19

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

Sophomore Year

		1st	2nd
EDFN 338	American Education*	2	
SEED 296	Paraprofessional*	1	
TET 200	Basic Skills	2	
ENGL 201	Composition II	3	
Math 225	Calculus III	4	
PHYS 431	Intro to Modern Phys	3	
CORE	Social Science	3	3
PHYS 424	Digital Electronics		3
Math 321	Differential Equations		3
CORE	Humanities		3
HLTH 103	Personal Health		3
CORE	Aesthetic Experience		3
		18	18

Junior Year

		1st	2nd
PHYS 441	Thermodynamics	2	
PHYS 443	Statistical Physics	2	
PHYS 332	Exp. Modern Physics	2	
CORE	Social Science	3	
INED 411	S.D. Indian Studies	3	
IDEA	Foundation	3	
CHEM 112 & 114, 112L & 114L	General Chemistry I&II Labs	3 1	3 1
PHYS 451	Classical Mechanics		4
SEED 400	Methods and Media in Middle and High School		2
SEED 394	Internship in SEED		1
EPSY 422	Psychology of Adolescence		3
IDEA	Capstone		3
		19	17

**See Undergraduate Catalogue for Math sequence options

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

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	
PHYS 421	Electromagnetism	4	
PHYS 471	Quantum Mechanics	4	

Student Teaching Semester

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
		18	16

A minimum of 32hours of Physics including PHYS 211/213, 211L/213L, 332, 421, 431, 451 and approved electives including PHYS 185. Allied requirements: MATH 123/123L, 125/125L, 225, 321, CSC 150; CHEM 112 and 114.

NOTE: Students must have an Academic Teaching Minor including a methods course.

The bachelor's degree is only available through the College of Arts and Sciences. All teacher certification requirements must be completed including meeting the required scores on the PPST, Praxis Content test 0265, 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 (Updated 3/07)