

Chemistry Education Major

Freshman Year

		1st	2nd
ENGL 101	Composition I	3	
CHEM 112& 114, 112L&114L	General Chemistry I & II Labs	3	3
MATH 123 & 125, 123L & 125L	Calculus I & II Labs	4	4
CORE	Social Sciences	1	1
ENGL 210	Intro. to Literature	3	3
SPCM 101	Fundamentals of Speech		3
		15	18

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

Junior Year

		1st	2 nd
CORE	IDEA Capstone	3	
CHEM	Electives	2	
Electives	Minor	3	2
PHYS 211 & 213 211L & 213L	University Physics I & II Labs	4	4
CHEM 442 & 444 442L	Physical Chemistry I & II Lab	3	3
CHEM 472	Chemical Literature Seminar I (SP)		2
SEED 400	Methods & Media in Middle & High School		2
SEED 394	Internship in SEED		1
EPSY 302	Educational Psychology		2
		16	18

Sophomore Year

		1st	2nd
EDFN 338	American Education*	2	
SEED 296	Paraprofessional*	1	
TET 200	Basic Skills	2	
ENGL 201	Composition II	3	
CORE	Humanities/Fine Arts	3	
CORE	Aesthetic Experience	3	
CHEM 326 CHEM 326L	Organic Chemistry I Lab	3	1
CHEM 328 CHEM 329	Organic Chemistry II Advanced Lab		3
CHEM 332 CHEM 332L	Analytical Chemistry Lab		2
HLTH 103	Personal Health		3
INED 411	S.D. Indian Studies		3
CORE	IDEA Foundation		3
		18	17

Senior Year

		1st	2 nd
EDER 415	Educational Assessment	2	
EPSY 422	Psychology of Adolescence	3	
SPED 405	Educating Secondary Students with Disabilities	3	
SEED 413	7-12 Science Methods	3	
SEED	Methods class for minor	3	
CHEM 474	Chemical Literature Seminar II (FA)	1	

Student Teaching Semester

EDFN 475	Human Relations		3
SEED 450	7-12 Teaching Reading in Content Area		3
TET 435	Internet in the Classroom		1
SEED 440	Classroom Management		1
SEED 488	Student Teaching		8
		15	16

A minimum of 33 hours of chemistry is required including CHEM 112, 114 or 116, 326, 328, 329, 332, 442, 443, 444, 472, 474 and electives.

Allied requirements: MATH 123 and 125; and PHYS 211 and 213 and labs

A physics minor may be achieved by taking PHYS 185 or 187, 211, 213, and labs, PHYS 431, and (5 credits) approved PHYS electives.

A math minor may be achieved by taking MATH 123, 125, 361, (2 credits) approved MATH electives, and SEED 418.

Other minors will add a minimum of 9 credit hours to the program of study.

*A bachelor's degree is also available through the College of Arts and Sciences. All teacher certification requirements must be completed including passing scores on the PPST, Praxis content exam 0245, and the PLT. See a teacher education advisor in the School of Education Student Services for teacher certification requirements.

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

2005 BOR/USD CORE (Updated 3/07)