

The University of South Dakota
Major Credit Hour count: 54-55
Major: Chemistry-Coordinate, B.S.



[2019-2020 Academic Catalog]

<u>Year / Semester</u>	SGR/Major Requirement	<u>Cr Hrs</u>	<u>Year / Semester</u>	SGR/Major Requirement	<u>Cr Hrs</u>	
<u>First Year - 1st Semester</u>			<u>First Year - 2nd Semester</u>			
ENGL 101 Composition I	SGR1	3	ENGL 210 Introduction to Literature	BS	3	
CHEM 112 General Chemistry I or CHEM 116	SGR6 + M	4	CHEM 114 Gen Chem II or CHEM 332	SGR6 + M	4	
MATH 123 Calculus	SGR5 + M	5	MATH 125 Calculus II	Major	5	
SPCM 101 Fundamentals of Speech	SGR2	3	Social Science	SGR3	3	
A&S 100 First Year Experience		1				
	Semester Credit Hours:	16		Semester Credit Hours:	15	
<u>Second Year - 1st Semester</u>			<u>Second Year - 2nd Semester</u>			
CHEM 326/326L Organic Chemistry	Major	5	CHEM 330 Str.&Func. Biomolecules or			
PHYS 211/211L University Physics I	Major + BS	5	CHEM 328/328L Organic Chemistry	Major	3	
Fine Arts	SGR 4	3	PHYS 213/213L University Physics II	Major+BS	5	
Minor	BS	3	Social Science	SGR 3	3	
	Semester Credit Hours:	16	Advanced Composition	SGR1	3	
				Semester Credit Hours:	14	
<u>Third Year - 1st Semester</u>			<u>Third Year - 2nd Semester</u>			
CHEM 442 Physical Chemistry I	Major	3	CHEM 332 Analytical Chem/Lab	Major	3	
Electives		6	CHEM elective	Major	3	
Minor	BS	3	Additional Social Science/Humanities	BS	3	
Humanities	SGR4	3	Minor	BS	6	
	Semester Credit Hours:	15		Semester Credit Hours:	15	
<u>Fourth Year - 1st Semester</u>			<u>Fourth Year - 2nd Semester</u>			
CHEM Elective	Major	6	CHEM 474 Chemical Lit Seminar II	Major	1	
CHEM 472 Chemical Literature Seminar I	Major	2	Additional Social Science/Humanities	BS	3	
Minor	BS	6	Minor	BS	3	
Electives		1	Electives		7	
	Semester Credit Hours:	15		Semester Credit Hours:	14	
					Total Major Requirements	120

Notes: *The plan of study for Chemistry 498 Undergraduate Research/Scholarship is negotiated between the faculty member and student, and therefore, the potential credits earned may vary. Students who choose Math as a minor will have more room for electives.