

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

[2018-2019 Academic Catalog]

<u>Year / Semester</u>	SGR/Major Requirement	Cr Hrs	<u>Year / Semester</u>	SGR/Major Requirement	Cr Hrs
<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
<u>Third Year - 1st Semester</u>			Semester Credit Hours:		14
CHEM 442 Physical Chemsitry I	Major	3	<u>Third Year - 2nd Semester</u>		
Electives		6	CHEM 332 Analytical Chem/Lab	Major	3
Minor	BS	3	CHEM elective	Major	3
Humanities	SGR4	3	Additional Social Science/Humanities	BS	3
Semester Credit Hours:		15	Minor	BS	6
<u>Fourth Year - 1st Semester</u>			Semester Credit Hours:		15
CHEM Elective	Major	6	<u>Fourth Year - 2nd Semester</u>		
CHEM 472 Chemical Literature Seminar I	Major	2	CHEM 474 Chemical Lit Seminar II	Major	1
Minor	BS	6	Additional Social Science/Humanities	BS	3
Electives		1	Minor	BS	3
Semester Credit Hours:		15	Electives		7
			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.