

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

<u>Year / Semester</u>	SRG/Major Requirement	Cr Hrs	<u>Year / Semester</u>	SRG/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			0	
	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 Chemsitry 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.