

**University of South Dakota**  
**Major Credit Hour count: 53-54**  
**Major: Chemistry-Coordinate, B.S.**

[2021-2022 Academic Catalog]

<u>Year / Semester</u>	SGR/Major Requirement	<u>Cr Hrs</u>	<u>Year / Semester</u>	SGR/Major Requirement	<u>Cr Hrs</u>	
<b><u>First Year - 1st Semester</u></b>			<b><u>First Year - 2nd Semester</u></b>			
ENGL 101 Composition I	SGR1	3	ENGL 210 Introduction to Literature	BS	3	
CHEM 112/112L Gen Chem I or CHEM 116/116L	SGR6 + M	4	CHEM 114/114L Gen Chem II or CHEM 332/332L	SGR6 + M	4	
MATH 123 Calculus I	SGR5 + M	5	MATH 125 Calculus II	Major	5	
CMST 101 Fundamentals of Speech	SGR2	3	Social Science	SGR3	3	
First Year Experience		1			0	
	<b>Semester Credit Hours:</b>	<b>16</b>		<b>Semester Credit Hours:</b>	<b>15</b>	
<b><u>Second Year - 1st Semester</u></b>			<b><u>Second Year - 2nd Semester</u></b>			
CHEM 310/310L Fundamental Organic Chemistry or			CHEM 330 Org Chem of Biomolecules or			
CHEM 326/326L Organic Chemistry I	Major	5 or 4	CHEM 328/328L Organic Chemistry II	Major	3 or 4	
PHYS 211/211L University Physics I	Major + BS	5	PHYS 213/213L University Physics II	Major+BS	5	
Fine Arts	SGR 4	3	Social Science	SGR 3	3	
Minor	BS	3	Advanced Composition	SGR1	3	
	<b>Semester Credit Hours:</b>	<b>15-16</b>		<b>Semester Credit Hours:</b>	<b>14-15</b>	
<b><u>Third Year - 1st Semester</u></b>			<b><u>Third Year - 2nd Semester</u></b>			
CHEM 442 Physical Chemistry I	Major	3	CHEM 332/332L Analytical Chemistry	Major	4	
Additional Social Science/Humanities	BS	3	CHEM Elective	Major	4	
Minor	BS	3	Additional Social Science/Humanities	BS	3	
Humanities	SGR4	3	Minor	BS	6	
Electives		3			0	
	<b>Semester Credit Hours:</b>	<b>15</b>		<b>Semester Credit Hours:</b>	<b>17</b>	
<b><u>Fourth Year - 1st Semester</u></b>			<b><u>Fourth Year - 2nd Semester</u></b>			
CHEM Elective	Major	4	CHEM 474 Chemical Lit Seminar II	Major	1	
CHEM 472 Chemical Literature Seminar I	Major	2	Electives		12-14	
Minor	BS	6			0	
Electives		1			0	
	<b>Semester Credit Hours:</b>	<b>13</b>		<b>Semester Credit Hours:</b>	<b>13-15</b>	
					<b>Total Major Requirements</b>	<b>120</b>

