

**Bachelor of Science in Natural Science (without licensure), Geology Concentration**  
**Three-year degree completion plan**

Fall semester, First year			Spring semester, First year			Summer semester, First year			
GEOL 1201	Physical Geology	4	GEOL 1202	Historical Geology	4	NTSC 1110	Scientific Reasoning	3	
ENGL 1101	Discourse & Comp	5	ENGL 1105	Comp & Argument	3		<i>elective course</i>	3	
COMM 1103	Public Speaking	3	MATH 1300	Precalculus <sup>1, 2, 3</sup>	5				
	<i>GEP course</i>	3		<i>GEP course</i>	3				
	<i>elective course</i>	3		<i>elective course</i>	3				
		<b>18</b>			<b>18</b>			<b>6</b>	<b>42 credits earned, first year</b>
Fall semester, Second year			Spring semester, Second year			Summer semester, Second year			
GEOL 2203	Mineralogy	4	GEOL 2204	Sed/Strat	4	GEOL 3100	Field Studies/Regional	4	
CHEM 1141	General Chem 1 <sup>4</sup>	4	CHEM 1142	General Chem 2 <sup>4</sup>	4		<i>elective course</i>	3	
BIOL 1151	General Bio 1 <sup>5</sup>	4	BIOL 1152	General Bio 2 <sup>5</sup>	4				
PHYS 2201	Physics 1 <sup>5</sup>	4	PHYS 2202	Physics 2 <sup>5</sup>	4				
MATH 2110	Calculus 1 <sup>5</sup>	4	MATH 2120	Calculus 2 <sup>5</sup>	4				
	<i>GEP course</i>	3		<i>GEP course</i>	3				
	<i>elective course</i>	3		<i>elective course</i>	3				
		<b>18</b>			<b>18</b>			<b>7</b>	<b>43 credits earned, second year</b>
Fall semester, Third year			Spring semester, Third year			Summer semester, Third year			
GEOL 3205	Ig/Met Petrology	4	GEOL 4206	Structural Geology	4	transfer	Field Camp <sup>7</sup>	6	
<i>GEP</i>	Ethics	3	IDST 4490	Senior Seminar	3				
	BIOL, CHEM, PHYS or MATH elective <sup>6</sup>	4		<i>elective course</i>	3				
	<i>elective course</i>	3		<i>elective course</i>	3				
	<i>elective course</i>	3		<i>elective course</i>	3				
		<b>17</b>			<b>16</b>			<b>6</b>	<b>39 credits earned, third year</b>
									<b>124 TOTAL</b>

**COLOR KEY:**

BS NS-Geology concentration requirements

additional NS curriculum requirements

General Education Program requirements

general electives - some recommended courses are indicated

**NOTES:**

<sup>1</sup> Completion of MATH 1300 satisfies the minimum math proficiency required for the NS degree

<sup>2</sup> Completion of MATH 1300 satisfies the GEP Quantitative Reasoning requirement

<sup>3</sup> Completion of MATH 1300 fulfills the fourth science/math cognate area required for the NS degree

<sup>4</sup> CHEM 1141 is a corequisite for GEOL 2203; completion of the 1141-1142 sequence either partly satisfies the second or fulfills the third science/math cognate area required for the NS degree

<sup>5</sup> Students select only ONE sequence from the BIOL, PHYS, and MATH sequences shown, to either partly satisfy the second or fulfill the third science/math cognate areas required for the NS degree

<sup>6</sup> The BIOL, CHEM, PHYS, or MATH elective must be in the same discipline as one of the two sequences taken during the second year, in order to fulfill the second science/math cognate area required for the NS degree

<sup>7</sup> The requirement of GEOL 4211 & 4212 (Field Methods 1 & 2) is waived if the student completes an approved Geology Field Camp course through an accredited university