

Program Sample Plan

Program name: Geological Sciences B.S.

<p><u>Year 1 - Fall Semester: 14 cr</u> CHEM 1153 - General Chemistry I 4 cr : NAT SCI CHEM 1154 - General Chemistry Lab I 1 cr : NAT SCI GEOL 1110 - Geology and Earth Systems 4 cr : NAT SCI, SUSTAIN MATH 1290 - Calculus for the Natural Sciences 5 cr : LOGIC & QR</p>	<p><u>Year 1 - Spring Semester: 17 cr</u> GEOL 2311 - Mineralogy 4 cr MATH 1297 - Calculus II 5 cr : LOGIC & QR CHEM 1155 - General Chemistry II 4 cr CHEM 1156 - General Chemistry Lab II 1 cr WRIT 1120 - College Writing 3 cr : WRITING & INFO LIT</p>
<p><u>Year 2 - Fall Semester: 14 cr</u> ESCI 2010 - Surface Processes 4 cr GEOL 2312 - Petrology 5 cr PHYS 2013 - General Physics I 4 cr : NAT SCI PHYS 2014 - General Physics Lab I 1 cr : NAT SCI</p>	<p><u>Year 2 - Spring Semester: 15 cr</u> GEOL 2110 - Earth History 4 cr GEOL 2120 - The Earth's Dynamic Interior 3 cr PHYS 2015 - General Physics II 4 cr PHYS 2016 - General Physics Lab II 1 cr LE (Oral Communication & Languages) 3 cr</p>
<p><u>Year 3 - Fall Semester: 15 cr</u> GEOL 3420 - Sedimentology and Stratigraphy 4 cr GEOL 4450 - Structural Geology 5 cr : NAT SCI, SUSTAIN Advanced Elective Course 3 cr LE (Social Sciences) 3 cr</p>	<p><u>Year 3 - Spring Semester: 15 cr</u> Advanced Elective Course 3 cr Advanced Elective Course 3 cr WRIT 3150 - Advanced Writing: Science 3 cr LE (Humanities) 3 cr LE (Cultural Diversity in the US) 3 cr</p>
<p><u>Year 3 - Summer Semester: 6 cr</u> GEOL 4500 - Field Geology 6 cr</p>	
<p><u>Year 4 - Fall Semester: 13 cr</u> GEOL 3800 - Principles of Geophysics 4 cr Advanced Elective Course 3 cr LE (Humanities) 3 cr LE (Fine Arts) 3 cr</p>	<p><u>Year 4 - Spring Semester: 12 cr</u> Advanced Elective Course 3 cr Advanced Elective Course 3 cr LE (Global Perspective) 3 cr LE (Social Sciences) 3 cr</p>