Program Sample Plan

Program name: Geological Sciences B.S.

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| **Year 1 - Fall Semester: 14 cr****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 | **Year 1 - Spring Semester: 17 cr****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 |
| **Year 2 - Fall Semester: 14 cr****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 | **Year 2 - Spring Semester: 15 cr****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 |
| **Year 3 - Fall Semester: 15 cr****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 | **Year 3 - Spring Semester: 15 cr****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 |
| **Year 3 - Summer Semester: 6 cr****GEOL 4500 - Field Geology** 6 cr |  |
| **Year 4 - Fall Semester: 13 cr****GEOL 3800 - Principles of Geophysics** 4 cr**Advanced Elective Course** 3 cr**LE (Humanities)** 3 cr**LE (Fine Arts)** 3 cr | **Year 4 - Spring Semester: 12 cr****Advanced Elective Course** 3 cr**Advanced Elective Course** 3 cr**LE (Global Perspective)** 3 cr**LE (Social Sciences)** 3 cr |