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 |