

Program Sample Plan

Program name: Environmental Science B.S.

<p><u>Year 1 - Fall Semester: 14 cr</u> BIOL 1011 - General Biology I 5 cr : NAT SCI 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</p>	<p><u>Year 1 - Spring Semester: 18 cr</u> BIOL 1012 - General Biology II 5 cr : SUSTAIN CHEM 1155 - General Chemistry II 4 cr CHEM 1156 - General Chemistry Lab II 1 cr MATH 1290 - Calculus for the Natural Sciences 5 cr : LOGIC & QR WRIT 1120 - College Writing 3 cr</p>
<p><u>Year 2 - Fall Semester: 17 cr</u> ESCI 2010 - Surface Processes 4 cr BIOL 2801 - General Ecology 3 cr BIOL 2802 - Ecology Laboratory 2 cr MATH 1297 - Calculus II 5 cr : LOGIC & QR LE (Oral Communication & Languages) 3 cr</p>	<p><u>Year 2 - Spring Semester: 15 cr</u> ECON 1023 - Principles of Economics: Micro 3 cr : SOC SCI ESCI 3203 - Surface and Groundwater Interactions 3 cr GEOL 2110 - Earth History 4 cr PHYS 2013 - General Physics I 4 cr : NAT SCI PHYS 2014 - General Physics Lab I 1 cr : NAT SCI</p>
<p><u>Year 3 - Fall Semester: 12 cr</u> ESCI 3201 - Mineral Resources 3 cr CHEM 2212 - Environmental Chemistry 4 cr : NAT SCI, SUSTAIN PHYS 2015 - General Physics II 4 cr PHYS 2016 - General Physics Lab II 1 cr</p>	<p><u>Year 3 - Spring Semester: 15 cr</u> ESCI 3202 - Energy Resources 3 cr Advanced Elective 3 cr WRIT 3150 - Advanced Writing: Science 3 cr Advanced Elective 3 cr LE (Social Sciences) 3 cr</p>
<p><u>Year 4 - Fall Semester: 12 cr</u> ESCI 4201 - Introduction to Watershed Hydrology 3 cr Advanced Elective 3 cr LE (Humanities) 3 cr LE (Fine Arts) 3 cr LE (Global Perspectives) 3 cr</p>	<p><u>Year 4 - Spring Semester: 15 cr</u> CHE 4613 - Air Pollution Control 3 cr ESCI 4102 - Environmental Assessment 3 cr Advanced Elective 3 cr LE (Humanities) 3 cr LE (Cultural Diversity in the US) 3 cr</p>