



<b>Course Number</b> <b>Course Name</b>	<b>ES 380 UNDERGRADUATE RESEARCH EXPERIENCE</b>
<b>Credit Value</b> <b>(Breakdown of theory and lab credits)</b>	3 Theory
<b>Catalog Course Description</b>	This is a practical faculty-directed research experience for upper-division Environmental Science majors. During the regular semester you will perform 8-10 hours per week of work alongside your mentor in a project with a time frame agreed to by both, the student intern, and the mentor. Arrangements involve all aspects of environmental research that can include fieldwork, bench laboratory work, library research, or any combination of these activities. The mentor will actively engage you in sharing the responsibility for the research process.
<b>Student Learning Outcomes/Objectives /Competencies of the Course</b>	<ol style="list-style-type: none"> <li>1. Implement a research project based on the scientific method</li> <li>2. Identify data and data analysis methods appropriate to their research question</li> <li>3. Apply basic to intermediate data analysis practices, particularly quantitative analysis</li> <li>4. Think critically about implication of results</li> <li>5. Write in a clear, concise, academic style</li> <li>6. Differentiate between original work and source material, citing sources appropriately</li> <li>7. Offer a clear presentation of data via oral presentation</li> <li>8. Accept, evaluate, and respond to feedback on written work.</li> </ol>
<b>College-Wide Student Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Communication</li> <li>2. Critical Thought</li> <li>3. Information Literacy</li> </ol> <p>These outcomes will be assessed by the final product of the URE.</p>