



<b>Course Number Course Name</b>	<b>BIOL 492 BIOLOGY CAPSTONE PROJECT</b>
<b>Credit Value (Breakdown of theory and lab credits)</b>	3 Theory
<b>Catalog Course Description</b>	You will have the culminating learning experience of your studies in biology and will have an opportunity to integrate and apply competencies and knowledge gained from coursework and laboratory experiences, and to demonstrate a broad mastery of learning across the curriculum.
<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 Capstone.</p>