

# NORTHERN NEW MEXICO COLLEGE



<b>Course Number Course Name</b>	BIOL 2610L Principles of Biology: Biodiversity, Ecology, and Evolution Lab
<b>Credit Value (Breakdown of theory and lab credits)</b>	1 Lab
<b>Catalog Course Description</b>	You will learn practical applications of the tools and methods used by ecologists and evolutionary biologists to address research questions; an introduction to statistical and sampling techniques used to collect and analyze data on fossils, plants, and animals.
<b>Course Student Learning Outcomes/Objectives /Competencies</b>	<ol style="list-style-type: none"> <li>1. Describe and apply the scientific method to generate testable hypotheses in evolution and ecology.</li> <li>2. Design and conduct laboratory experiments using relevant laboratory equipment and methods.</li> <li>3. Analyze and report data generated during laboratory activities and experiments.</li> <li>4. Communicate scientific results from experiments in evolution, ecology, and biodiversity.</li> </ol>
<b>College-Wide Student Learning Outcomes measured (General education courses only)</b>	
<b>Program Student Learning Outcomes measured</b>	<ol style="list-style-type: none"> <li>1. Provide students with ability to effectively communicate the findings of biological research and incorporate their findings into the existing body of knowledge in biology. Students will demonstrate ability to report the results of their experiments through oral and written communication.</li> </ol>