



Course Number	ENVS 1110L Introduction to Environmental Science I Lab
Course Name	
Credit Value (Breakdown of theory and lab credits)	1 Lab
Catalog Course Description	In this field-work companion to ENVS 1110, you will work as part of a team, concentrating on a detailed investigation and analysis of a specific environmental problem or case.
Course Student Learning Outcomes/Objectives /Competencies	<ol style="list-style-type: none"> 1. Students will develop a general understanding of the basic assumptions, effectiveness, and limitations of theories and strategies used in various fields of environmental science. 2. Students will develop basic analytical problem-solving and critical thinking skills and will gain experience in data interpretation and graphical and mathematical models. 3. Students will develop a general appreciation for the challenges and opportunities inherent in environmental science. 4. Students should be able to discuss theory and applications of environmental science topics including: biotic and abiotic factors, population and communities, energy cycles, renewable energy and sustainability, environmental monitoring, climate 5. Students will improve communication skills, computer skills, teamwork skills, critical thinking/problem solving skills, and statistical skills. 6. Provide each student with a knowledge base which will promote opportunities for pursuing employment opportunities in the environmental science field 7. Conduct scientific literature searches for reports and discussions 8. Provide an opportunity for students to discuss current management issues, including diverse cultural issues involved in decision making in environmental science.
College-Wide Student Learning Outcomes measured (General education courses only)	Critical Thinking
Program Student Learning Outcomes measured	<ol style="list-style-type: none"> 1. Understand the ethical, cross-cultural, and historical context of environmental issues and the links between human and natural systems with specific emphasis placed on Northern New Mexico.

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