



Course Number Course Name	BIOL 406 STREAM ECOLOGY AND FIELD METHODS
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	You will use the scientific method to understand and explain concepts in stream ecology, hydrology, and biology. You will obtain experience in general field methods for stream characterization and sampling in streams of northern New Mexico.
Student Learning Outcomes/Objectives /Competencies of the Course	<ol style="list-style-type: none"> 1. Demonstrate knowledge of hydrology and stream ecology 2. Design and implement a sampling plan Identify aquatic organisms 3. Demonstrate proper use of stream sampling equipment 4. Analyze and interpret data 5. Write a professional report 6. Comprehend, interpret, analyze and evaluate college level materials.
College-Wide Student Learning Outcomes	<ol style="list-style-type: none"> 1. <i>Critical Thought</i> <i>Critical Thought will be assessed by testing of concepts related to Stream Ecology.</i>