

# NORTHERN NEW MEXICO COLLEGE



<b>Course Number</b>	ENVS 4412 Environmental Health and Toxicology
<b>Course Name</b>	
<b>Credit Value (Breakdown of theory and lab credits)</b>	3 Theory
<b>Catalog Course Description</b>	You will study the relationship between human health and environmental toxicants from an interdisciplinary perspective. You will become familiar with a broad range of concepts, including the nature of hazards, epidemiological study design, exposure assessment, toxicology microbiology, risk assessment, risk perception, and risk management. You will learn to draw the links among human health and sustainability, urbanization, energy production, and relevant ethical issues.
<b>Course Student Learning Outcomes/Objectives /Competencies</b>	<ol style="list-style-type: none"> <li>1. Literacy in toxicological, environmental, public health, occupational and ecological aspects of the use and release of toxic substances in the environment</li> <li>2. Knowledge of case histories of environmental contamination that illustrate ecological, health, and social aspects of pollution</li> <li>3. Understand relationships between environment and human health.</li> <li>4. Understanding of different classes of toxic material, toxicity levels, and how they interfere with normal human bodily functions.</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. Apply systems theory, concepts, and methodologies to critically analyze and understand interactions on an ecological level.</li> </ol>