

NORTHERN NEW MEXICO COLLEGE



Course Number Course Name	BIOL 4456 Immunology
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	You will study experientially immunoglobulin structure, antigen- antibody reactions, immunity, and hypersensitivity.
Course Student Learning Outcomes/Objectives /Competencies	<ol style="list-style-type: none"> 1. To learn the basic biology of the cells of the immune system, including their development and specific functions 2. To learn how the cells interact with each other in the formation of an immune response. 3. To learn the molecular basis by which the immune system identifies pathogens. 4. To learn what occurs when there are failures of the immune system. 5. To learn the experimental basis and reasoning that underlies the material in the course.
College-Wide Student Learning Outcomes measured (General education courses only)	
Program Student Learning Outcomes measured	<ol style="list-style-type: none"> 1. Provide students with technical and analytical skills used in modern biological research. This will allow the students to demonstrate proper and safe laboratory practice, proper use of equipment and the ability to work effectively with computational, mathematical and statistical approaches.