NORTHERN NEW MEXICO COLLEGE

Course Number Course Name	BIOL 2640 Plant and Animal Form and Function
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	You will study plant structure and growth, transport in plants, plant nutrition, plant reproduction and development, control systems in plants, introduction to animal systems, animal nutrition, circulation of gas exchange, immune systems, control of the internal environment, chemical signals in animals, reproduction, development, nervous systems, and sensory and motor mechanisms.
Course Student Learning Outcomes/Objectives /Competencies	1. Describe the diversity of animals and plants found on earth, how they function, and the processes/mechanisms that account for this diversity. 2. Identify the basic plant cell and tissues types, and describe their location and role in plant growth and nutrition. 3. Describe alternation of generations in plants from bryophytes to angiosperms, noting key evolutional trends. 4. Describe the basic structure and function of respiratory, circulatory, and nervous systems. 5. Identify the structures and describe the functions of animal muscle tissue, integuments and support systems. 6. Describe the major structures and functions of animal digestive and excretory systems. 7. Describe the structures and functions associated with mammalian immune systems, endocrine systems, and reproductive systems.
College-Wide Student Learning Outcomes measured (General education courses only)	
Program Student Learning Outcomes measured	1. Provide students with an understanding of the role of science in society and the ethical conduct of science.