



| | |
|---|--|
| Course Number Course Name | BIOL 204 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. |
| Student Learning Outcomes/Objectives /Competencies of the Course | <ol style="list-style-type: none"> 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 evolutionary 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 | <ol style="list-style-type: none"> 1. <i>Communication</i> <i>Communication will be assessed by a semester project that will be presented at the end of the semester.</i> |