



Course Number Course Name	BIOL 2225 Human Anatomy and Physiology II
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	Continuation of BIOL 2210. Studies fluid and electrolytes, and the following systems: nervous (central and peripheral), circulatory, urinary, respiratory, digestive, and endocrine and reproductive.
Course Student Learning Outcomes/Objectives /Competencies	<ol style="list-style-type: none"> 1. Identify and describe the major anatomical features of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. 2. Analyze the physiological roles of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems in maintaining homeostasis in the human body. 3. Explain how fluid and electrolyte balance is maintained in the human body. 4. Compare and contrast the anatomy and physiology of male and female reproductive systems. 5. Describe pregnancy from conception to parturition including human growth and development from zygote to newborn. 6. Explain heredity and genetic control.
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 an understanding of the role of science in society and the ethical conduct of science.