



## BIO 115: Survey of Human Anatomy and Physiology

A one-semester survey of organs and systems of the human body with regard to basic structure and function. Cells, tissues, chemistry and abnormalities will be considered. Laboratory activities reinforce information discussed in class. Prerequisite: High school Chemistry or Biology or CHM 090. Three lecture hours and two laboratory hours per week. This course does not substitute for BIO 111, BIO 121, BIO 233 or BIO 234. Instructional Support Fee applies. Gen. Ed. Competencies Met: Scientific Reasoning and Discovery. 4 credits Fall, Spring, Summer

### Course Student Learning Outcomes

Upon completion of this course, students should be able to: 1. Differentiate between Anatomy and Physiology 2. Discuss how structure dictates function in the body 3. Describe the structure and function of the Integumentary System, Skeletal System, Muscular System, Nervous System, Circulatory System, Respiratory System, Digestive System, Urinary System, Endocrine System and Reproductive System 4. Identify organs from all the major systems on models and/or dissected specimens 5. Identify Tissue types under the microscope

**Credits:** 4

**Program:** Biology