

# BY 164 : Anatomy & Physiology II

**ACTS Equivalent Course Number** BIOL 2414

**Lecture Hours** 3

**Lab Hours** 3

**Credits** 4

Anatomy & Physiology II, BY 164 (BIOL 2414), is a lecture-laboratory course designed to continue the student's familiarization with the structures and functions of the systems of the human body. This course explores the mechanisms of the body's components under ideal conditions, and their dysfunction under adverse conditions. Included in this exploration are the trends in medical research and clinical applications of this research. At the end of this course, students will have adequate knowledge and application of anatomy and physiology to continue further in their selected health science field and will have sufficient knowledge of the discipline to enter and succeed in their chosen health care professions.

**Prerequisites**

[BY 154](#) (BIOL 2404) with a C or by permission of the instructor.