

BIOL 2252: Anatomy & Physiology II

3 Credit Hours

Prerequisite: BIOL 2251

This lecture course is the second course in a two-semester sequence designed to explore the biological and chemical processes underlying the structure and function of the human body at the cellular, tissue, organ, and whole-body level. Topics to be covered include, but are not limited to, the cardiovascular, endocrine, lymphatic and immune, respiratory, digestive, urinary, and reproductive systems. Metabolism and fluid, electrolyte, and acid-base balance will also be covered. This course is designed primarily for non-biology majors, especially those pursuing majors in nursing and the allied health professions.

Notes: Cannot be used for credit toward a degree in Biology

BIOL 2252L: Anatomy & Physiology II Laboratory

1 Credit Hours

Prerequisite: BIOL 2251L

Concurrent: BIOL 2252

This course is the laboratory component of BIOL 2252. It is designed to provide hands-on experiences that will enhance and reinforce the content covered in BIOL 2252, including basic anatomy and physiology of the cardiovascular, respiratory, digestive, urinary endocrine, and reproductive systems. Structural and functional relationships will be emphasized.

BIOL 2260: Foundations of Microbiology

3 Credit Hours

Prerequisite: BIOL 2251 and BIOL 2251L

This lecture course provides an introduction to microbiology. This course introduces the student to the diversity and classification of medically significant microorganisms, their modes of pathogenesis and transmission, and the infectious diseases they cause. Topics to be covered include, but are not limited to, microbial cell biology and genetics; major classes of disease-causing microorganisms; host immune response; microbial control; aseptic technique; disinfection; and isolation, culture, staining, and identification of microorganisms. This course is designed primarily for non-biology majors, especially those pursuing majors in nursing and the allied health professions.

Notes: Primarily for nursing majors; cannot be used for credit toward a degree in Biology.