

# EMS 189: Applied Anatomy and Physiology for the Paramedic

This course introduces human anatomy and physiology and includes concepts related to basic chemistry; fluid, electrolyte, and acid-base balance; functions of cells, tissues, organs, and systems; pathophysiology; and associated medical terminology. Emphasis is placed on applying content to signs, symptoms, and treatments; and situations commonly seen by paramedics. Upon course completion, students should be able to demonstrate a basic understanding of the structure and function of the human body.

**Credits:** 4

**Lab Hours:** 0

**Lecture Hours:** 4

**Prerequisites:**

EMS 189 or BIO 201 is a prerequisite for the Paramedic course.

**Program:** [Emergency Medical Services](#)