

BIO 308: Clinical Human Anatomy

This course is an introduction to anatomy from a clinical perspective. Students will learn anatomical structures and functions from drawings, images, virtual learning tools, 3D models, physical exam techniques, medical imaging (e.g., radiographs, ultrasound, CT, MRI, and PET), and footage of clinical interventions (e.g., open surgeries, laparoscopy, bronchoscopy, endoscopy, cystoscopy, hysteroscopy, and colonoscopy). We will cover the major structures of the musculoskeletal system, thorax, abdomen, pelvis, head, neck, brain, and spinal cord. We will cover select topics related to pathophysiology to help facilitate understanding of anatomical relationships and functions and their relevance to disease processes and treatment. Throughout the course, students will also engage in discussions on what makes someone human beyond the structures and functions of their human body.

Units: 3

Prerequisites:

CHEM 150 and IBC 200.

Prevents co- or later enrollment in BIO 120