

# BIO 303: Human Physiology

This course will explore the fascinating workings of the human body in both form and function. We will take a tour of the major organ systems and learn about how they work together to maintain homeostasis. This tour will include the respiratory system, circulatory system, digestive system, including energy and metabolism, introduction to the immune system, renal (urinary) system, reproductive system, and finally, how these systems communicate with one another via the endocrine system and nervous system. This course will use a combination of lectures, class discussions, interactive polling, and lab activities that involve both case studies and measuring/analyzing biological signals using physiological equipment. This course will be useful for those who are planning on pursuing a career in the health sciences.

Prevents co- or later enrollment in BIO 120.

**Units:** 3

**Prerequisites:**

[\[CHEM 150](#) and IBC 200] or [BIO 120](#) or [BIO 141](#).

**Program:** [Biology](#)