

# PHYL 142L : Human Anatomy and Physiology II Lab

PHYL 142L is the laboratory course of PHYL 142 (Human Anatomy and Physiology II) and it provides a thorough introduction to the structure and function of the human body. PHYL 142L covers the gross anatomy, histology, and physiology of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive systems as well as basic concepts of inheritance and development. Students will be expected to learn details of anatomy and physiology through models, dissections, and physiological experimentations. Students will also apply those details in the broader context of whole body function and homeostasis. Formerly ZOOL 142L.

**Credits** 1

**Lab Hours** 3

**Designation**

DY

**Prerequisites**

Credit for or registration in PHYL 142.

**Course Outcomes**

- Identify anatomical structures at the level of the cell, tissue, organ, and system through the use of models, computer images, observation, and dissections.
- Apply the scientific method to study, measure, analyze, and understand the physiological systems.