

PHYL 142 : Human Anatomy and Physiology II

Credits: 3

Class Hours: 3 lecture

Prerequisites: "C" or higher in PHYL 141 and PHYL 141L.

Corequisite Courses:

PHYL 142L

Comments: Computer/internet access required.

Description: This course is the second half of a comprehensive introduction to the structure and function of the human body (endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems), and use of anatomy and physiology terminology and concepts. This course will also develop thinking, reading and writing skills, and problem-solving abilities for students entering health or medically-related fields.

Semester Offered: Fall, Spring

Designation:

Diversification: Biological Sciences – DB

Course Student Learning Outcomes (CSLOs):

1. Describe the functional relationship between the systems covered.
2. Discuss homeostatic relationships, both negative and positive feedback processes associated with the systems covered.
3. Identify the required anatomical structures and use the correct terminology to describe and discuss them.
4. Discuss the maturation and aging processes involving systems covered.
5. Demonstrate critical thinking by applying A & P terms, concepts, knowledge and synthesizing information in various situations.
6. Explain/discuss the gross and cellular physiology of the systems covered.