



BIOL 2325

Division: Natural Science and Mathematics

Department: Biology

Course: BIOL 2325

Title: Human Anatomy Laboratory

Catalog Description:

This course is the laboratory component of Human Anatomy (BIOL 2320). It gives students the opportunity to study models, skeletal material, and cadavers. It must be taken concurrently with BIOL 2320.

General Education Requirements: N/A

Semesters Offered: Fall, Spring

Credit/Time Requirement: Credit: 1; Lecture: 0; Lab: 2

Clock/Hour Requirements: 0

Offered for Non-Credit: No

Corequisites: BIOL 2320

Justification:

Each year about 250 Snow College students declare nursing, physical therapy, or other fields in health care as their goal. Human Anatomy with a lab is a prerequisite for these programs.

Student Learning Outcomes:

Upon successful completion of this course, students will:

- know the basic foundation of knowledge of human anatomy
- know examples of clinical applications of human anatomy
- know the basic biological techniques to continue learning about human anatomy and its clinical application

Content:

This course will include:

- introduction to science, and anatomy
- introduction to evolution and its application in today's society
- taxonomy and classification of *Homo sapiens*
- body organization and anatomical terminology
- integumentary system
- introduction to the skeletal system
- the axial skeleton
- the appendicular skeleton
- articulations

- the muscular system
- the central nervous system
- the peripheral nervous system
- the autonomic nervous system
- the endocrine system
- sensory organs
- circulatory system
- respiratory system
- digestive system
- urinary and reproductive systems.

General Education Outcomes:

7) Apply scientific reasoning to a variety of contexts.

The scientific method is taught and discussed in anatomical, morphological, and clinical applications. Understanding of the scientific method is evaluated through discussion and lab assignments.

Key Performance Indicators:

- brief short answer quizzes are given in class at least once a week: 70% of the final grade
- lab exam: 25% of the final grade
- homework assignment such as study group formation, and class photo: 5% of final grade.

Percentages are approximate.

Representative Text and/or Supplies:

- Kent M. Van De Graaff, *Human Anatomy*, current edition, Dubuque, Iowa: Wm. C. Brown, (required).
- Paul A. Gardner, *A Study Guide for Human Anatomy for the Artist*, current edition, (required).
- A.M.R. Agur, J.C. Boileau Grant, Anne M.R., PhD, Agur (editor), Arther F. Ii, PhD Dalley (editor), *Grant s Atlas of Anatomy*, current edition, Lippincott Williams and Wilkins, New York (optional).

Optimum Class Size: 48

Maximum Class Size: 65

Signatures:

I hereby submit this course syllabus:

Allan Stevens, , Professor

I hereby find this course consistent with the goals and resources of the Biology Department:

Allan Stevens, , Professor, Chair

I hereby find this course consistent with the goals and resources of the Natural Science and Mathematics Division:

Dan Black, EdD, Associate Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)