University of Arkansas - Fort Smith
5210 Grand Avenue
P. O. Box 3649
Fort Smith, AR 72913-3649
479-788-7000

General Syllabus

BIOL 2201 Human Anatomy Laboratory

Credit Hours: 1 Lecture Hours: 0 Laboratory Hours: 2

Prerequisites: BIOL 1153/1151 Biological Science/Laboratory or BIOL 2003 Introduction to Cell Biology
Prerequisites or corequisites: BIOL 2203 Human Anatomy and CHEM 1303/1301 Chemical Principles/Lab or higher level chemistry

Effective Catalog: 2018- 2019

I. Course Information

A. Catalog Description

Study of the microscopic and gross anatomical structures of the major human organ systems. Dissections are required.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Identify human anatomical tissues from microscope slides.
2. Identify tissues and organs from inanimate models and dissected organs in the following human body systems:
   a. Digestive
   b. Reproductive
   c. Muscular
   d. Skeletal
   e. Endocrine
   f. Excretory
   g. Respiratory
   h. Circulatory
   i. Nervous
3. Identify anatomical structures on developing fetuses.

B. University Learning Outcomes (ULO)

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills: The students analyze information and apply information when they create examples and apply principles to the study of human anatomy. Students will identify information includes such things as terminology, facts, methods, processes, and patterns by which information and ideas are organized. The students create examples, apply principles, or demonstrate an ability or skill.

Communication Skills (written and oral)

Students will effectively communicate scientific ideas and principles. They will compose scientifically sound lab reports and present facts to peers using correct terminology.

Ethical Decision Making

Students will identify ethical perspectives of the care and treatment of the human body. Students will apply ethical standards to the field of medicine and evaluate ethical situations common to the medical community.

Global and Cultural Perspectives

Students will reflect upon global discipline of health and will work in a group comprised of diverse cultures and cultural perspectives.

II. Major Course Topics

A. Identify Body Organization and use correct anatomical terminology
   1. Anatomical Position
   2. Anatomical Directions
   3. Planes of the body
   4. Quadrants
   5. Cavities

B. Identify human anatomical tissue from microscope slides

C. Identify tissues and organs from inanimate models and dissected organs in the following body systems:
   1. Digestive
   2. Reproductive
   3. Muscular
   4. Skeletal
   5. Endocrine
   6. Excretory
   7. Respiratory
   8. Circulatory
   9. Nervous
   10. Integumentary
   11. Immune

D. Identify anatomical structure on developing fetuses