



Course Overview

Human anatomy Lab

Assist. Prof. Dr. Sangar M. AHMED

Human Anatomy

Fall Semester

Week No.1





Course Objectives/Goals

- **Understanding Structure and Function:** To comprehend how different parts of the body are organized and how they work together to support overall function.
- **Medical Applications:** To provide foundational knowledge for medical professionals, enabling accurate diagnosis and effective treatment of diseases and injuries.
- **Clinical Skills Development:** To enhance skills in physical examination and surgical techniques by understanding anatomical landmarks and variations.
- **Health Education:** To inform individuals about their own bodies, promoting better health choices and awareness.

Course Objectives/Goals

Comparative Anatomy: To study similarities and differences with other species, providing insights into evolution and biological function.

Interdisciplinary Connections: To integrate knowledge with other fields such as physiology, pathology, and biochemistry for a holistic understanding of health and disease.

Personal Growth: To cultivate critical thinking and problem-solving skills through the study of complex systems within the body.

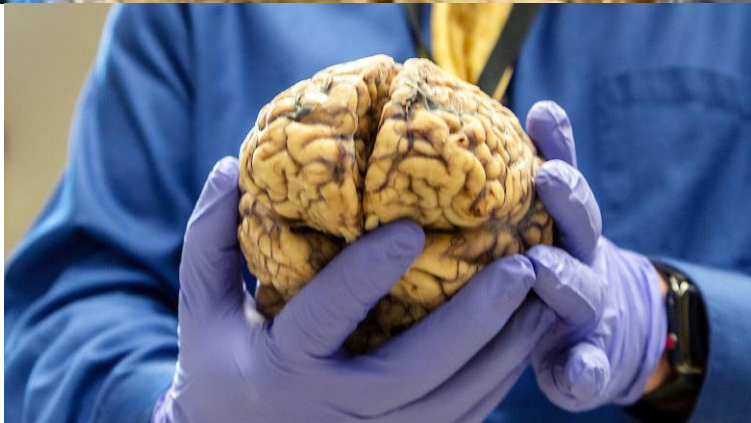
Course Description

This course is a continuation into systems level to human anatomy and physiology from an integrative perspective. Students learn the structure and function of the circulatory, respiratory, immune, digestive, urinary and reproductive system from the level of the cell to the level of the organism.

Anatomy and physiology is a course that will enable students to develop an understanding of the relationships between the structures and functions of the human body.



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Attendance

Students are expected to attend all lectures and laboratories. Information which is not in the text or lab manuals may be introduced in class for which students will be responsible on exams. Laboratory instruction may include material that augments lecture topics but which is not explicitly required by your lecture instructor.

Requirements

- Notebook
- Pen
- Uniform

Electronic Devices

All beepers, cell phones, iPods and other electronic media and outside communication devices must be turned off during class. Their use during class is disruptive to the conduct of the lecture and to the learning process for fellow students. You may have a laptop computer in class to be used only for purposes associated with lab.



Course syllabus

Topics

Course overview

Introduction to the Human Body

Skeletal System

Muscular System

Integumentary System (Skin, Hair)

Integumentary System (Nails, and Glands)

Nervous System

Midterm exam

Course syllabus

Cardiovascular System

Respiratory System

Digestive System

Urinary System,

Reproductive System

Endocrine System

Lymphatic System

Review of the course



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