



Academic Course Description of Anatomy and Histology

Academic Course Description

1. Course Name
Anatomy and Histology
2. Course Code
HAH111
3. Semester / Year
First Semester 2025-2026
4. Date of Preparation
January 28, 2026
5. Available Attendance Modes
In-person
6. Total Study Hours / Total Units

Units: 4
Theory: 45
Practical: 30

7. Course Coordinator Name

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8. Course Objectives

Course Objectives

- 1.Learning the names and functions of anatomical structures.
- 2.Provide comprehensive understanding of how abnormal anatomy can lead to disease.
- 3.To acquire a basic background in histology and to understand the properties of cells and their interactions with one another as components of tissues and organs
- 4.To be able to describe the normal structure and function of various cell types, tissues, and organs, and to differentiate their histological structures from each other through microscopic examination.

9. Teaching and Learning Strategies

Strategy

These are the plans used by faculty members to develop the teaching and learning process for students; they are the plans followed to achieve learning objectives. They describe all classroom and extracurricular activities to achieve the program's learning outcomes, such as showing videos and images and holding discussion sessions.

10. Course Structure

week	hours	Unit or Topic Name	Required Learning Outcomes	Learning Methods	Assessment Methods
1	5	Intro to Human Anatomy & Histology	General anatomy: positions, body regions, and cavities. Histology intro: cell concepts, tissues, organs, and systems.	Lectures, Presentations , Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports

2	5	Tissue Types	Overview of the four main tissue types: Epithelial, Connective, Muscular, and Nervous tissues.	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports
3	5	Musculoskeletal System	Study of the structure of the musculoskeletal system: bones, joints, and muscles.	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports
4	5	Cardiovascular System	Histology and anatomy of the heart chambers (atria/ventricles), valves, arteries, veins, capillaries, and lymphatic vessels.	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports
5	5	Circulatory System & Blood	Study of the histology and anatomy of arteries, veins, lymphatic vessels, and blood components.	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports
6-7	10	Digestive System	Anatomy of the digestive tract (mouth to large intestine), teeth classification, and accessory glands (liver, gallbladder).	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports
8	5	Nervous System	Central and peripheral nervous systems, brain parts, spinal cord, and histological features/functions of nervous tissue.	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports
9	5	Respiratory System	Respiratory organs (nose to lungs), gas exchange, respiratory muscles (diaphragm, intercostal), and histological structures.	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports

10	5	Urinary System	Structure of kidneys, nephrons, glomeruli, blood vessels, bladder, urethra, and ureters; histological features and functions.	Lectures, Presentations, Videos, Lab, Discussions.	Written Exams Oral Exams Lab Reports
11	5	Integumentary System (Skin)	Anatomy: skin layers (epidermis, dermis, hypodermis). Histology: thick/thin skin, epidermal layers, and appendages (hair follicles, glands).	Lectures, Presentations, Videos, Lab, Discussions.	Written/Oral Exams.
12-13	5	Endocrine System	Anatomy and histology of: pituitary, thyroid, parathyroid, adrenal, pancreas (Islets of Langerhans), pineal, and gonads.	Lectures, Presentations, Videos, Lab, Discussions.	Written/Oral Exams.
14-15	10	Reproductive System	Study of the anatomy and histology of the male and female reproductive systems.	Lectures, Presentations, Videos, Lab, Discussions.	Written/Oral Exams, Lab Reports.

11. Course Evaluation

The 100-point grade distribution is based on student tasks such as daily preparation, quizzes (daily/monthly), oral/written exams, and reports.

12. Learning and Teaching Resources

Required Textbooks	<ol style="list-style-type: none"> 1. Anatomy and Physiology for Healthcare (Marshall, Gallacher, Jolly, Rinomhota). 2. Atlas of Human Anatomy (Frank H. Netter). 3. Basic Histology: Text and Atlas, 11th ed. (Luiz Carlos, Uchoa Junqueira). 4. Wheater's Functional Histology: A Text and Colour Atlas, 6th ed. (Young, Barbara)
Main References	As mentioned above
Supportive References	As mentioned above
Electronic Resources	Google Scholar, academic websites

