



Jordan University of Science and Technology
Faculty of Medicine
Doctor Of Medicine Department

MED320 Endocrine System

Second Semester 2021-2022

Course Catalog

4 Credit Hours. The endocrine system module is 32-hour course (4 credit hours) of which 24 hours are devoted to didactic classroom lectures utilizing PowerPoint presentations, 2 hours of active learning through small group discussions, and 6 hours of laboratory exercises in anatomy and pathology of the endocrine system. This course is designed to provide a broad overview of human endocrinology. Course topics will include studying the major endocrine glands, production and synthesis of hormones, mechanisms of action and regulation of hormone secretion, as well as various aspects regarding the anatomy, biochemistry and physiology of the endocrine systems and the pathophysiology, epidemiology, and treatment of various endocrine diseases. These topics will equip the students with the basic knowledge to understand the normal function of the endocrine system and will introduce basic principles of clinical diagnosis and management of endocrine disorders. Laboratory exercises are designed to supplement lectures and are well coordinated with the lecture materials. Thus, lectures in anatomy and pathology are coordinated with the laboratory material and are given at the same time. The course objectives for the endocrine system course are clearly outlined. The course director and instructors were familiar with the objectives. The course director informs students of the objectives by distributing handouts at the beginning of the course. The breadth and depth of the course appears to be well balanced, without overwhelming students with more materials than they can handle. The course appears to cover all aspects of human endocrinology with sufficient thoroughness. The frequency and method of student evaluation in the endocrine system consist of one midterm objective written examination in multiple choice questions format, and a final practical examination in a multiple choice format covering the laboratory material and clinical sessions. Average class score on standardized exams ranged from 70-80%. The failure rate has ranged consistently between 2 to 5%. Student evaluation on the endocrine system course shows a great deal of satisfaction and students expressed general satisfaction that they possess an excellent level of knowledge.

Instructor

Name	Dr. Heba Ghozlan
Office Location	-
Office Hours	
Email	hhgozlan@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun, Mon, Tue, Wed : 10:30 - 11:30
Room: مدرج د. سعد حجازي

Section 2:
Lecture Time: Sun, Mon, Tue, Wed : 11:30 - 12:30
Room: مدرج د. سعد حجازي

Section 3:
Lecture Time: Sun, Mon, Tue, Wed : 10:30 - 11:30
Room: U

Section 4:
Lecture Time: Sun, Mon, Tue, Wed : 11:30 - 12:30
Room: U

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Inner ear & Cranial nerve VIII	
Week 1	Hearing physiology	
Week 1	Introduction to Eye Diseases	
Week 1	Degenerative diseases	
Week 1	Physiology of Equilibrium	
Week 1	Antiparkinson drugs	
Week 1	Anatomy lab 1	
Week 1	Physiology lab 1	
Week 1	Pathology 1	
Week 2	Face and scalp	
Week 2	Introduction to ear Diseases	
Week 2	Facial nerve and parotid region	

Relationship to Program Student Outcomes (Out of 100%)

M-590	PLO1	PLO2	PLO3

Evaluation

Assessment Tool	Weight

Midterm	60%
Final	40%

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