

GAZI UNIVERSITY FACULTY OF MEDICINE

2024-2025 EDUCATIONAL YEAR

YEAR 2 ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE

(17.03.2025-25.04.2025)

COURSES	THEORETICAL	LABORATORY	PRACTICAL	TOTAL
Anatomy	15	2X2		19
Physiology	33	1X2		35
Histology and Embryology	19	5X2		29
Medical Biochemistry	16	1X2		18
Medical History and Ethics	4	-		4
Panel (Physiology, Histology &Embryology, Obstetrics&Gynecology, Urology)	2			2
TOTAL	91	18		107
Elective Courses	10			10
Medical English	10			10
Analysis of 3rd Committee Exam and Feedback	1			1
INTRODUCTION TO MEDICINE				
Clinical Skills Education (CSE)			2x2	4
TOTAL	110	18	4	132
TOTAL FREE STUDY TIME	124 hours			

Total 27 work days.

Free study time definition: Individual studying courses intended for learning in accordance with the present committee.

21.04.2025	MONDAY	YEAR 2 APPLIED EXAM	Time: 08.30
22.04.2025	THUESDAY	YEAR 2 APPLIED EXAM	Time: 08.30
24.04.2025	THURSDAY	YEAR 2 APPLIED EXAM	Time: 08.30
25.04.2025	FRIDAY	YEAR 2 THEORETICAL EXAM	Time: 09.30

Dean	Prof. Dr. Alper CEYLAN
Vice Dean	Assoc.Prof. Asiye UĞRAŞ DİKMEN
Vice Dean	Assoc.Prof. Nazmi Mutlu KARAKAŞ
Head Coordinator	Prof. Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Akif Muhtar ÖZTÜRK
Year 2 Coordinator	Assist. Prof. Dr. Duygu DAYANIR
Assistant Year 2 Coordinator	Teach. Assist. Dr. Pelin TÜRKKAN
Assistant Year 2 Coordinator	Teach. Assist. Dr. Nihan ÖRÜKLÜ
Assistant Year 2 Coordinator	Teach. Assist. Dr. Ayşe SOYLU
Assistant Year 2 Coordinator	Teach. Assist. Dr. H. Betül MOĞOLKOÇ

MEMBERS OF COMMITTEE

ANATOMY	PHYSIOLOGY	HISTOLOGY and EMBRYLOGY	MEDICAL BIOCHEMISTRY
Dr. Meltem BAHÇELİOĞLU	Dr. Şevin GÜNEY	Dr. Çiğdem ELMAS	Dr. Aylin SEPİÇİ DİNÇEL
Dr. Kerem ATALAR	Dr. Pelin TÜRKKAN	Dr. C. Merve SEYMEN	Dr. Cengiz KARAKAYA
		Dr. Zeynep YIĞMAN	Dr. Kübranur ÜNAL
		Dr. S. Esra ÖZKOÇER	Dr. N. Samet YILMAZ
		Dr. Duygu DAYANIR	
MEDICAL HISTORY AND ETHICS			
Dr. Namık ÇENCEN			

ANATOMY LABORATORY	PHYSIOLOGY LABORATORY	HISTOLOGY and EMBRYLOGY LABORATORY	MEDICAL BIOCHEMISTRY LABORATORY
Dr. Meltem BAHÇELİOĞLU	Dr. Şevin GÜNEY	Dr. Çiğdem ELMAS	Dr. Aylin SEPİÇİ DİNÇEL
Dr. Kerem ATALAR	Dr. Pelin TÜRKKAN	Dr. Gülnur TAKE KAPLANOĞLU	
Dr. Ayşe SOYLU	Dr. A. Hulusi YEŞİL	Dr. C. Merve SEYMEN	
Dr. Onur ARAS	Dr. Burak KAYABAŞI	Dr. Zeynep YIĞMAN	
	Dr. H. Betül MOĞULKOÇ	Dr. S. Esra ÖZKOÇER	
		Dr. Duygu DAYANIR	

Clinical Skills Education Coordinator	Prof. Dr. Nurten İNAN
Elective Course Coordinator	Assoc. Prof. Dr. Ergin DİLEKÖZ
Problem Based Learning Coordinator	Prof. Dr. Deniz KARÇAALTINCABA

ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE

Objective:

Should be able to explain the embryonic development, anatomical and histological structure of endocrine, excretory and reproductive system. Should be able to explain structure, synthesis and mechanism of action of hormones. Should be able to explain the functions of endocrine, excretory and reproductive system physiologically and interpret the connections with the clinic.

LEARNING OBJECTIVES

Knowledge Based

LO-200-4-1 Should be able to explain which germ leaves the endocrine organs develop from and in which weeks of development it occurs

LO-200-4-2 Should be able to describe the anatomical and histological structures of endocrine organs (hypothalamus, pituitary gland, thyroid, pancreas, adrenal gland, etc.)

LO-200-4-3 Should be able to describe the general mechanisms of action of hormones, homeostatic control systems, negative and positive feedback mechanisms

LO-200-4-4 Should be able to explain the biochemical properties and mechanisms of action of hormones

LO-200-4-5 Should be able to explain from which germ leaves and when the urinary system develops

LO-200-4-6 Should be able to describe the anatomical and histological structure of kidneys, bladder and ureters

LO-200-4-7 Should define the physiological functions of the kidney and be able to grasp the connections with the other systems in the maintenance of homeostasis

LO-200-4-8 Should be able to explain from which germ leaves and when the genital system develops

LO-200-4-9 Should be able to tell genital channel differentiation and role hormones in male and female

LO-200-4-10 Should be able to say genital organs of male and female, histological changes in ovarian cycle, to explain gametogenesis

LO-200-4-11 Should define the mechanisms of pregnancy, lactation and menopause

LO-200-4-12 Should be able to explain male reproductive system functions

LO-200-4-13 Should be able to list the mechanisms that provide bladder functions and control

LO-200-4-14 Should be able to differentiate some clinical findings (diabetes, hypothyroidism, hyperparathyroidism etc.) related to endocrine system dysfunctions

LO-200-4-15 Should be able to say the rules of professional ethics, physician - patient relationship. LO-

200-4-16 Should be able to have a problem-based approach to diseases

Application Based (practical skills)

LO-200-4-17 Should be able to show the ability to insert male and female catheters

LO-200-4-18 Should be able to recognize endocrine organs, kidney sections, bladder and ureter under the microscope

LO-200-4-19 Should be able to show male genital organs and channels, ovarian follicles, tuba uterina, uterine layers, vagina and cervix at microscope level

LO-200-4-20 Should be able to demonstrate the ability to choose the appropriate behavior in medical practice

Skills Based (intellectual and transferable skills)

LO-200-4-21 Should be aware of the importance of cadaver use

LO-200-4-22 Should be aware of the importance of microscope use in histology education

LO-200-4-23 Should develop sensitivity about the rules of profession and to be able to use empathy

1 st WEEK	17.03.2025 MONDAY 3. Year Committee Exam	18.03.2025 TUESDAY	19.03.2025 WEDNESDAY	20.03.2025 THURSDAY	21.03.2025 FRIDAY 1. Year Committee Exam
08:30-09:20	FREE STUDY TIME	The mechanisms of action and signaling pathways of hormones Dr. SEPİCİ DİNÇEL	Hypothalamus and Pituitary Gland hormones Dr. SAMET YILMAZ	Physiologic actions of anterior pituitary hormones Dr. GÜNEY	FREE STUDY TIME
09:30-10:20	FREE STUDY TIME	The mechanisms of action and signaling pathways of hormones Dr. SEPİCİ DİNÇEL	Hypothalamus and Pituitary Gland hormones Dr. SAMET YILMAZ	Physiologic actions of posterior pituitary hormones Dr. GÜNEY	FREE STUDY TIME
10:30-11:20	FREE STUDY TIME	The Pituitary-Hypothalamus Relationship and Hypothalamic Hormones Dr. GÜNEY	Medical Ethics Principles Dr. ÇENCEN	Histology and embryology of thyroid and parathyroid glands Dr. YİĞMAN	FREE STUDY TIME
11:30-12:20	FREE STUDY TIME	The Pituitary-Hypothalamus Relationship and Hypothalamic Hormones Dr. GÜNEY	Declarations of World Medical Association Dr. ÇENCEN	Histology and embryology of thyroid and parathyroid glands Dr. YİĞMAN	FREE STUDY TIME
13:30-14:20	General properties and classification of hormones Dr. SEPİCİ DİNÇEL	Medical English	Physiologic actions of anterior pituitary hormones Dr. GÜNEY	Pancreatic hormones Dr. SAMET YILMAZ	PBL
14:30-15:20	General properties and classification of hormones Dr. SEPİCİ DİNÇEL	Medical English	Pituitary and Pineal glands Dr. YİĞMAN	Pancreatic hormones Dr. SAMET YILMAZ	PBL
15:30-16:20	Neuroendocrine integration and intercellular communications (Introduction to endocrinology) Dr. GÜNEY	Elective Course	Pituitary and Pineal glands Dr. YİĞMAN	Adrenal cortex and medullary hormones Dr. TÜRKKAN	FREE STUDY TIME
16:30-17:20	Endocrine Functions of Hypothalamus Dr. GÜNEY	Elective Course	FREE STUDY TIME	Adrenal cortex and medullary hormones Dr. TÜRKKAN	FREE STUDY TIME

2 nd WEEK	24.03.2025 MONDAY	25.03.2025 TUESDAY	26.03.2025 WEDNESDAY	27.03.2025 THURSDAY	28.03.2025 FRIDAY
08:30-09:20	FREE STUDY TIME	Adrenal medulla hormones Dr. KUBRANUR UNAL	Adrenal glands Dr. ÖZKOÇER	Urinary bladder, urethra Dr. ATALAR	Adrenal cortex hormones Dr. UNAL
09:30-10:20	Thyroid Hormones Dr. SAMET YILMAZ	Adrenal medulla hormones Dr. KUBRANUR UNAL	Adrenal glands Dr. ÖZKOÇER	Internal iliac artery, pudendal plexus Dr. ATALAR	Adrenal cortex hormones Dr. UNAL
10:30-11:20	Hormones regulating calcium metabolism Dr. SEPIÇİ DİNÇEL	Endocrine glands Dr. ATALAR	Kidneys and ureters Dr. ATALAR	Thyroid hormones Dr. TÜRKKAN	Regulation of Calcium Metabolism, PTH and Calcitonin Dr. GÜNEY
11:30-12:20	Adrenal cortex and medullary hormones Dr. TÜRKKAN	Endocrine glands Dr. ATALAR	Kidneys and ureters Dr. ATALAR	Thyroid hormones Dr. TÜRKKAN	Regulation of Calcium Metabolism, PTH and Calcitonin Dr. GÜNEY
13:30-14:20	Biochemistry Lab. (Group A&B) Histology Lab(1) (Group C&D)	Medical English	Pelvis and perineum Dr. BAHÇELİOĞLU	Urinary system histology Dr. YIĞMAN	PBL
14:30-15:20	Biochemistry Lab. (Group A&B) Histology Lab(1) (Group C&D)	Medical English	Endocrine functions of pancreas Dr. GÜNEY	Urinary system histology Dr. YIĞMAN	PBL
15:30-16:20	Biochemistry Lab. (Group C&D) Histology Lab(1) (Group A&B)	Elective Course	Endocrine functions of pancreas Dr. GÜNEY	Urinary system histology Dr. YIĞMAN	FREE STUDY TIME
16:30-17:20	Biochemistry Lab. (Group C&D) Histology Lab(1) (Group A&B)	Elective Course	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME

3 rd WEEK	31.03.2025 MONDAY	01.04.2025 TUESDAY	02.04.2025 WEDNESDAY	03.04.2025 THURSDAY	04.04.2025 FRIDAY
08:30-09:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Questions Analysis of 3 rd Committee Exam and Feedback	Histology Lab(2) (Group A&B)	FREE STUDY TIME
09:30-10:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Urinary system embryology Dr. YIĞMAN	Histology Lab(2) (Group A&B)	FREE STUDY TIME
10:30-11:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Urinary system embryology Dr. YIĞMAN	Histology Lab(2) (Group C&D)	Histology of female reproductive system Dr. SEYMEN
11:30-12:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Histology of female reproductive system Dr. SEYMEN	Histology Lab(2) (Group C&D)	Histology of female reproductive system Dr. SEYMEN
13:30-14:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Female internal and external genital organs Dr. ATALAR	Functions of kidney Dr. GÜNEY	Functions of nephron Dr. GÜNEY
14:30-15:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Female internal and external genital organs Dr. ATALAR	Urine excretion, diuresis Dr. GÜNEY	Glomerular filtration Dr. GÜNEY
15:30-16:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	FREE STUDY TIME	Medical Action and Legal Responsibility of the Physician Dr. ÇENCEN	FREE STUDY TIME
16:30-17:20	PUBLIC HOLIDAY	PUBLIC HOLIDAY	FREE STUDY TIME	Charter of Medical Deontology and Medical Ethics Dr. ÇENCEN	FREE STUDY TIME

4 th WEEK	07.04.2025 MONDAY	08.04.2025 TUESDAY	09.04.2025 WEDNESDAY	10.04.2025 THURSDAY	11.04.2025 FRIDAY
08:30-09:20	Histology Lab (3) (Group A&B)	CSE	Histology of male reproductive system Dr. ÖZKOÇER	Reuptake events in nephron Dr. GÜNEY	FREE STUDY TIME
09:30-10:20	Histology Lab (3) (Group A&B)	CSE	Histology of male reproductive system Dr. ÖZKOÇER	Reuptake events in nephron Dr. GÜNEY	FREE STUDY TIME
10:30-11:20	Histology Lab (3) (Group C&D)	CSE	Male internal and external genital organs Dr. ATALAR	Functions of male gonads Dr. TÜRKKAN	Clinical and radiographic anatomy Dr. BAHÇELIOĞLU
11:30-12:20	Histology Lab (3) (Group C&D)	CSE	Male internal and external genital organs Dr. ATALAR	Functions of male gonads Dr. TÜRKKAN	Clinical and radiographic anatomy Dr. BAHÇELIOĞLU
13:30-14:20	Gonadal hormones Dr. KARAKAYA	Medical English	PBL	Histology Lab(4) (Group A&B) Anatomy Lab(1) (Group C&D)	Functions of female gonads Dr. TÜRKKAN
14:30-15:20	Gonadal hormones Dr. KARAKAYA	Medical English	PBL	Histology Lab(4) (Group A&B) Anatomy Lab(1) (Group C&D)	Functions of female gonads Dr. TÜRKKAN
15:30-16:20	Importance of clearance in kidney functions Dr. GÜNEY	Elective Course	Histology of male reproductive system Dr. ÖZKOÇER	Histology Lab(4) (Group C&D) Anatomy Lab(1) (Group A&B)	Renal mechanisms for diluting/concentrating urine Dr. GÜNEY
16:30-17:20	FREE STUDY TIME	Elective Course	FREE STUDY TIME	Histology Lab(4) (Group C&D) Anatomy Lab(1) (Group A&B)	FREE STUDY TIME

5 th WEEK	14.04.2025 MONDAY	15.04.2025 TUESDAY	16.04.2025 WEDNESDAY	17.04.2025 THURSDAY	18.04.2025 FRIDAY
08:30-09:20	Fluid electrolyte balance Dr. GÜNEY	CSE	Anatomy Lab(2) (Group A&B) Histology Lab(5) (Group C&D)	FREE STUDY TIME	FREE STUDY TIME
09:30-10:20	Fluid electrolyte balance DR. GÜNEY	CSE	Anatomy Lab(2) (Group A&B) Histology Lab(5) (Group C&D)	FREE STUDY TIME	FREE STUDY TIME
10:30-11:20	Clinical and radiographic anatomy Dr. BAHÇELİOĞLU	CSE	Anatomy Lab(2) (Group C&D) Histology Lab(5) (Group A&B)	FREE STUDY TIME	PANEL: In Vitro Fertilization (IVF)
11:30-12:20	Clinical and radiographic anatomy Dr. BAHÇELİOĞLU	CSE	Anatomy Lab(2) (Group C&D) Histology Lab(5) (Group A&B)	FREE STUDY TIME	PANEL: In Vitro Fertilization (IVF)
13:30-14:20	Endocrine and Metabolic Changes in Pregnancy and Lactation Dr. TÜRKKAN	Medical English	Regulation of Acid-Base balance Dr. GÜNEY	Physiology Lab (Group B)	Physiology Lab (Group D)
14:30-15:20	Neonatal Physiology and Growth Dr. TÜRKKAN	Medical English	Reproductive system embryology Dr. ELMAS	Physiology Lab (Group B)	Physiology Lab (Group D)
15:30-16:20	FREE STUDY TIME	Elective Course	Reproductive system embryology Dr. ELMAS	Physiology Lab (Group A)	Physiology Lab (Group C)
16:30-17:20	FREE STUDY TIME	Elective Course	FREE STUDY TIME	Physiology Lab (Group A)	Physiology Lab (Group C)

6 th WEEK	21.04.2025 MONDAY	22.04.2025 TUESDAY 3. Year Committee Exam	23.04.2025 WEDNESDAY	24.04.2025 THURSDAY	25.04.2025 FRIDAY
08:30-09:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 THEORETICAL EXAM
09:30-10:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 THEORETICAL EXAM
10:30-11:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 THEORETICAL EXAM
11:30-12:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 THEORETICAL EXAM
13:30-14:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	FREE STUDY TIME
14:30-15:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	FREE STUDY TIME
15:30-16:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	FREE STUDY TIME
16:30-17:20	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	FREE STUDY TIME