

GAZI UNIVERSITY FACULTY OF MEDICINE

2023-2024 EDUCATIONAL YEAR

YEAR 2 ENDOCRINE AND UROGENITAL SYSTEM COMMITTEE

(07.03.2024-26.04.2024)

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 32 work days.

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

24.04.2024	WEDNESDAY	YEAR 2 APPLIED EXAM	Time: 08.30
25.04.2024	THURSDAY	YEAR 2 APPLIED EXAM	Time: 08.30
26.04.2024	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. S. Esra ÖZKOÇER
Assistant Year 2 Coordinator (ENG)	Assist. Prof. Dr. Zeynep YIĞMAN
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

MEMBERS OF COMMITTEE

ANATOMY	PHYSIOLOGY	HISTOLOGY and EMBRYLOGY	MEDICAL BİOCHEMISTRY
Dr. Meltem BAHÇELİOĞLU	Dr. Şevin GÜNEY	Dr. Çiğdem ELMAS	Dr. Aylin SEPİÇİ DİNÇEL
Dr. Kerem ATALAR	Dr. A. Meltem SEVGİLİ	Dr. C. Merve SEYMEN	Dr. Neslihan BUKAN
		Dr. Zeynep YIĞMAN	Dr. Cengiz KARAKAYA
		Dr. S. Esra ÖZKOÇER	
		Dr. Duygu DAYANIR	
MEDICAL HISTORY AND ETHICS			
Dr. Namık ÇENCEN			

ANATOMY LABORATORY	PHYSIOLOGY LABORATORY	HISTOLOGY and EMBRYLOGY LABORATORY	MEDICAL BİOCHEMISTRY LABORATORY
Dr. Meltem BAHÇELİOĞLU	Dr. Şevin GÜNEY	Dr. Çiğdem ELMAS	Dr. Aylin SEPİÇİ DİNÇEL
Dr. Kerem ATALAR	Dr. A. Meltem SEVGİLİ	Dr. Gülnur TAKE KAPLANOĞLU	
Dr. Ayşe SOYLU	Dr. Pelin TÜRKKAN	Dr. C. Merve SEYMEN	
		Dr. Zeynep YIĞMAN	
		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

1st WEEK	04.03.2024 MONDAY	05.03.2024 TUESDAY	06.03.2024 WEDNESDAY	07.03.2024 THURSDAY	08.03.2024 FRIDAY
08:30-09:20				FREE STUDY TIME	FREE STUDY TIME
09:30-10:20				General properties and classification of hormones Dr. SEPİCİ DİNÇEL	FREE STUDY TIME
10:30-11:20				General properties and classification of hormones Dr. SEPİCİ DİNÇEL	The Pituitary-Hypothalamus Relationship and Hypothalamic Hormones Dr. GÜNEY
11:30-12:20				Neuroendocrine integration and intercellular communications (Introduction to endocrinology) Dr. GÜNEY	The Pituitary-Hypothalamus Relationship and Hypothalamic Hormones Dr. GÜNEY
13:30-14:20				Endocrine Functions of Hypothalamus Dr. GÜNEY	Medical Ethics Principles Dr. ÇENCEN
14:30-15:20				Pituitary and Pineal glands Dr. YIĞMAN	Declarations of World Medical Association Dr. ÇENCEN
15:30-16:20				Pituitary and Pineal glands Dr. YIĞMAN	FREE STUDY TIME
16:30-17:20				FREE STUDY TIME	FREE STUDY TIME

2nd WEEK	3. Year Committee Exam	12.03.2024	13.03.2024	14.03.2024	15.03.2024
	11.03.2024	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	MONDAY				
08:30-09:20	The mechanisms of action and signaling pathways of hormones Dr. SEPİCİ DİNÇEL	Physiologic actions of anterior pituitary hormones Dr. GÜNEY	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME
09:30-10:20	The mechanisms of action and signaling pathways of hormones Dr. SEPİCİ DİNÇEL	Physiologic actions of anterior pituitary hormones Dr. GÜNEY	Physiologic actions of posterior pituitary hormones Dr. GÜNEY	Adrenal cortex and medullary hormones Dr. SEVGİLİ	Adrenal medulla hormones Dr. BUKAN
10:30-11:20	Endocrine glands Dr. ATALAR	Pancreatic hormones Dr. BUKAN	Adrenal cortex and medullary hormones Dr. SEVGİLİ	Thyroid Hormones Dr. BUKAN	Adrenal medulla hormones Dr. BUKAN
11:30-12:20	Endocrine glands Dr. ATALAR	Pancreatic hormones Dr. BUKAN	Adrenal cortex and medullary hormones Dr. SEVGİLİ	Hormones regulating calcium metabolism Dr. SEPİCİ DİNÇEL	Adrenal glands Dr. ÖZKOÇER
13:30-14:20	Hypothalamus and Pituitary Gland hormones Dr. BUKAN	Medical English	FREE STUDY TIME	Biochemistry Lab. Histology Lab(1)	Adrenal glands Dr. ÖZKOÇER
14:30-15:20	Hypothalamus and Pituitary Gland hormones Dr. BUKAN	Medical English	FREE STUDY TIME	Biochemistry Lab. Histology Lab(1)	Thyroid hormones Dr. SEVGİLİ
15:30-16:20	Histology and embryology of thyroid and parathyroid glands Dr. YIĞMAN	Elective Course	FREE STUDY TIME	Biochemistry Lab. Histology Lab(1)	Thyroid hormones Dr. SEVGİLİ
16:30-17:20	Histology and embryology of thyroid and parathyroid glands Dr. YIĞMAN	Elective Course	FREE STUDY TIME	Biochemistry Lab. Histology Lab(1)	FREE STUDY TIME

3rd WEEK	18.03.2024 MONDAY	19.03.2024 TUESDAY	20.03.2024 WEDNESDAY	21.03.2024 THURSDAY	22.03.2024 FRIDAY
08:30-09:20	Kidneys and ureters Dr. ATALAR	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME
09:30-10:20	Kidneys and ureters Dr. ATALAR	Questions Analysis of 3rd Committee Exam and Feedback	Pelvis and perineum Dr. BAHÇELİOĞLU	FREE STUDY TIME	FREE STUDY TIME
10:30-11:20	Endocrine functions of pancreas Dr. GÜNEY	Urinary bladder, urethra Dr. ATALAR	Regulation of Calcium Metabolism, PTH and Calcitonin Dr. GÜNEY	Functions of male gonads Dr. SEVGİLİ	Functions of female gonads Dr. SEVGİLİ
11:30-12:20	Endocrine functions of pancreas Dr. GÜNEY	Internal iliac artery, pudendal plexus Dr. ATALAR	Regulation of Calcium Metabolism, PTH and Calcitonin Dr. GÜNEY	Functions of male gonads Dr. SEVGİLİ	Functions of female gonads Dr. SEVGİLİ
13:30-14:20	Adrenal cortex hormones Dr. BUKAN	Medical English	Urinary system histology Dr. YIĞMAN	Urinary system embryology Dr. YIĞMAN	Histology Lab(2)
14:30-15:20	Adrenal cortex hormones Dr. BUKAN	Medical English	Urinary system histology Dr. YIĞMAN	Urinary system embryology Dr. YIĞMAN	Histology Lab(2)
15:30-16:20	Urinary system histology Dr. YIĞMAN	Elective Course	FREE STUDY TIME	Medical Action and Legal Responsibility of the Physician Dr. ÇENCEN	Histology Lab(2)
16:30-17:20	FREE STUDY TIME	Elective Course	FREE STUDY TIME	Charter of Medical Deontology and Medical Ethics Dr. ÇENCEN	Histology Lab(2)

4 th WEEK	25.03.2024 MONDAY	26.03.2024 TUESDAY	27.03.2024 WEDNESDAY	28.03.2024 THURSDAY	29.03.2024 FRIDAY
08:30-09:20	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME
09:30-10:20	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME	Histology of female reproductive system Dr. SEYMEN	FREE STUDY TIME
10:30-11:20	Female internal and external genital organs Dr. ATALAR	Functions of kidney Dr. GÜNEY	Histology of female reproductive system Dr. SEYMEN	Importance of clearance in kidney functions Dr. GÜNEY	Reuptake events in nephron Dr. GÜNEY
11:30-12:20	Female internal and external genital organs Dr. ATALAR	Urine excretion, diuresis Dr. GÜNEY	Histology of female reproductive system Dr. SEYMEN	Reuptake events in nephron Dr. GÜNEY	Renal mechanisms for diluting and concentrating urine Dr. GÜNEY
13:30-14:20	Endocrine and Metabolic Changes in Pregnancy and Lactation Dr. SEVGİLİ	Medical English	Functions of nephron Dr. GÜNEY	FREE STUDY TIME	Anatomy Lab(1) Histology Lab(3)
14:30-15:20	Neonatal Physiology and Growth Dr. SEVGİLİ	Medical English	Glomerular filtration Dr. GÜNEY	FREE STUDY TIME	Anatomy Lab(1) Histology Lab(3)
15:30-16:20	FREE STUDY TIME	Elective Course	FREE STUDY TIME	FREE STUDY TIME	Anatomy Lab(1) Histology Lab(3)
16:30-17:20	FREE STUDY TIME	Elective Course	FREE STUDY TIME	FREE STUDY TIME	Anatomy Lab(1) Histology Lab(3)

5 th WEEK	01.04.2024 MONDAY	02.04.2024 TUESDAY	03.04.2024 WEDNESDAY	04.04.2024 THURSDAY	1. Year Committee Exam 05.04.2024 FRIDAY
08:30-09:20	FREE STUDY TIME	Histology of male reproductive system Dr. ÖZKOÇER	FREE STUDY TIME	CSE	FREE STUDY TIME
09:30-10:20	FREE STUDY TIME	Histology of male reproductive system Dr. ÖZKOÇER	Histology of male reproductive system Dr. ÖZKOÇER	CSE	FREE STUDY TIME
10:30-11:20	Male internal and external genital organs Dr. ATALAR	Gonadal hormones Dr. KARAKAYA	Clinical and radiographic anatomy Dr. BAHÇELİOĞLU	CSE	FREE STUDY TIME
11:30-12:20	Male internal and external genital organs Dr. ATALAR	Gonadal hormones Dr. KARAKAYA	Clinical and radiographic anatomy Dr. BAHÇELİOĞLU	CSE	FREE STUDY TIME
13:30-14:20	Fluid electrolyte balance Dr. GÜNEY	Medical English	Regulation of Acid-Base balance Dr. GÜNEY	Physiology Lab Histology Lab(4)	Clinical and radiographic anatomy Dr. BAHÇELİOĞLU
14:30-15:20	Fluid electrolyte balance DR. GÜNEY	Medical English	Reproductive system embryology Dr. ELMAS	Physiology Lab Histology Lab(4)	Clinical and radiographic anatomy Dr. BAHÇELİOĞLU
15:30-16:20	FREE STUDY TIME	Elective Course	Reproductive system embryology Dr. ELMAS	Physiology Lab Histology Lab(4)	FREE STUDY TIME
16:30-17:20	FREE STUDY TIME	Elective Course	FREE STUDY TIME	Physiology Lab Histology Lab(4)	FREE STUDY TIME

6th WEEK	08.04.2024 MONDAY	09.04.2024 TUESDAY	10.04.2024 WEDNESDAY	11.04.2024 THURSDAY	12.04.2024 FRIDAY
08:30-09:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY
09:30-10:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY
10:30-11:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY
11:30-12:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY
13:30-14:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY
14:30-15:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY
15:30-16:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY
16:30-17:20	FREE STUDY TIME	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY	PUBLIC HOLIDAY

7 th WEEK	15.04.2024 MONDAY	16.04.2024 TUESDAY	3. Year Committee Exam 17.04.2024 WEDNESDAY	18.04.2024 THURSDAY	19.04.2024 FRIDAY
08:30-09:20	FREE STUDY TIME	CSE	Anatomy Lab(2) Histology Lab(5)	FREE STUDY TIME	FREE STUDY TIME
09:30-10:20	FREE STUDY TIME	CSE	Anatomy Lab(2) Histology Lab(5)	FREE STUDY TIME	FREE STUDY TIME
10:30-11:20	FREE STUDY TIME	CSE	Anatomy Lab(2) Histology Lab(5)	FREE STUDY TIME	FREE STUDY TIME
11:30-12:20	FREE STUDY TIME	CSE	Anatomy Lab(2) Histology Lab(5)	FREE STUDY TIME	FREE STUDY TIME
13:30-14:20	Physiology Lab	Medical English	PANEL: In Vitro Fertilization	FREE STUDY TIME	FREE STUDY TIME
14:30-15:20	Physiology Lab	Medical English	PANEL: In Vitro Fertilization	FREE STUDY TIME	FREE STUDY TIME
15:30-16:20	Physiology Lab	Elective Course	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME
16:30-17:20	Physiology Lab	Elective Course	FREE STUDY TIME	FREE STUDY TIME	FREE STUDY TIME

8th WEEK	22.04.2024 MONDAY	23.04.2024 TUESDAY	24.04.2024 WEDNESDAY	25.04.2024 THURSDAY	26.04.2024 FRIDAY
08:30-09:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	YEAR 2 THEORICAL EXAM
09:30-10:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	YEAR 2 THEORICAL EXAM
10:30-11:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	YEAR 2 THEORICAL EXAM
11:30-12:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	YEAR 2 THEORICAL EXAM
13:30-14:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	FREE STUDY TIME
14:30-15:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	FREE STUDY TIME
15:30-16:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	FREE STUDY TIME
16:30-17:20	FREE STUDY TIME	PUBLIC HOLIDAY	YEAR 2 APPLIED EXAM	YEAR 2 APPLIED EXAM	FREE STUDY TIME