

GAZİ UNIVERSITY FACULTY OF MEDICINE
2025-2026 EDUCATIONAL YEAR 2

ENDOCRINE AND UROGENITAL SYSTEM
COMMITTEE

(09.03.2026 – 24.04.2026)

COURSES	THEORETICAL	LABORATORY	PRACTICAL	TOTAL
Anatomy	15	2x2		19
Physiology	33	2x1		35
Histology and Embryology	19	2x5		29
Medical Biochemistry	16	2x1		18
Medical History and Ethics	4			4
Panel: IVF (Physiology, Histology and Embryology, Obstetrics&Gynecology, Urology)	2			2
TOTAL	89	18		107
Elective Courses	14			14
Medical English	14			14
INTRODUCTION TO MEDICINE				
Clinical Skills Education (CSE)			2x2	4
TOTAL	117	18	4	139
TOTAL FREE STUDY TIME	97 Hours			

32 Work Days

20.04.2026	MONDAY	YEAR II APPLIED EXAM
21.04.2026	TUESDAY	YEAR II APPLIED EXAM
22.04.2026	WEDNESDAY	YEAR II APPLIED EXAM
24.04.2026	FRIDAY	YEAR II THEORETICAL EXAM

Dean	Prof.Dr. Alper CEYLAN
Vice Dean	Assoc. Prof. Dr. Nazmi Mutlu KARAKAŞ
Vice Dean	Prof. Dr. Asiye UĞRAŞ DİKMEN
Head Coordinator	Prof.Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof.Dr. Akif Muhtar ÖZTÜRK
Assistant Head Coordinator (ENG)	Prof.Dr. Mehmet Ali ERGÜN
Year 2 Coordinator	Prof. Dr. C. Merve SEYMEN
Assistant Year 2 Coordinator	Assist. Prof. Dr. Arın TOMRUK
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 MOĞULKOÇ
Assistant Year 2 Coordinator	Teach. Assist. Dr. Onur ARAS

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY & EMBRYOLOGY	PHYSIOLOGY	MEDICAL BIOCHEMISTRY
Dr. Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. Şevin GÜNEY	Dr. N.Samet YILMAZ
Dr. Kerem ATALAR	Dr. C. Merve SEYMEN	Dr. Pelin TÜRKKAN	Dr. Aylin SEPİCİ DİNCEL
	Dr. S. Esra ÖZKOÇER	Dr. Burak KAYABAŞI	Dr. Cengiz KARAKAYA
	Dr. Zeynep YIĞMAN		Dr. Kübranur ÜNAL
	Dr. Duygu DAYANIR		
MEDICAL HISTORY AND ETHICS			
Dr. Namık ÇENÇEN			

ANATOMY LABORATORY	HISTOLOGY & EMBRYOLOGY LABORATORY	PHYSIOLOGY LABORATORY	MEDICAL BIOCHEMISTRY LABORATORY
Dr. Meltem BAHÇELİOĞLU	Dr. Gülnur TAKE KAPLANOĞLU	Dr. Şevin GÜNEY	Dr. N.Samet YILMAZ
Dr. Kerem ATALAR	Dr. Çiğdem ELMAS	Dr. Pelin TÜRKKAN	Dr. Aylin SEPİCİ DİNCEL
Dr. Ayşe SOYLU	Dr. C. Merve SEYMEN		Dr. Cengiz KARAKAYA
Dr. Onur ARAS	Dr. Zeynep YIĞMAN		Dr. Kübranur ÜNAL
Dr. Aynur ÇOBAN	Dr. Duygu DAYANIR		
	Dr. S. Esra ÖZKOÇER		

Clinical Skills Education Coordinator	Prof. Dr. Nurten İNAN
Elective Course Coordinator	Assoc. Prof. Dr. Ergin DİLEKÖZ

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	09.03.2026 Monday	10.03.2026 Tuesday	11.03.2026 Wednesday	12.03.2026 Thursday	13.03.2026 Friday
08:30-09:20	Free Study Time	The Pituitary-Hypothalamus Relationship and Hypotalamic Hormones Dr. KAYABAŞI	Free Study Time	Pelvis and Perineum Dr. BAHÇELİOĞLU	Free Study Time
09:30-10:20	Free Study Time	The Pituitary-Hypothalamus Relationship and Hypotalamic Hormones Dr. KAYABAŞI	Questions Analysis of 2 nd Committee Exam and Feedback	Urinary Bladder, Urethra Dr. ATALAR	Hypothalamus and Pituitary Gland Hormones Dr. YILMAZ
10:30-11:20	Endocrine Glands Dr. ATALAR	Histology and Embryology of Thyroid and Parathyroid Glands Dr. YIĞMAN	Physiologic Actions of Anterior Pituitary Hormones Dr. KAYABAŞI	Internal Iliac Artery, Pudendal Plexus Dr. ATALAR	Hypothalamus and Pituitary Gland Hormones Dr. YILMAZ
11:30-12:20	Endocrine Glands Dr. ATALAR	Histology and Embryology of Thyroid and Parathyroid Glands Dr. YIĞMAN	Physiologic Actions of Anterior Pituitary Hormones Dr. KAYABAŞI	The Mechanisms of Action and Signaling Pathways of Hormones Dr. DİNÇEL	Physiologic Actions of Posterior Pituitary Hormones Dr. KAYABAŞI
13:30-14:20	Neuroendocrine Integration and Intercellular Communucations Dr. KAYABAŞI	Medical English	Kidneys and Ureters Dr. ATALAR	The Mechanisms of Action and Signaling Pathways of Hormones Dr. DİNÇEL	Adrenal Cortex and Medullary Hormones Dr. TÜRKKAN
14:30-15:20	Neuroendocrine Integration and Intercellular Communucations Dr. KAYABAŞI	Medical English	Kidneys and Ureters Dr. ATALAR	Adrenal Glands Dr. ÖZKOÇER	Adrenal Cortex and Medullary Hormones Dr. TÜRKKAN
15:30-16:20	Pituitary and Pineal Glands Dr. YIĞMAN	Elective Courses	General Properties and Classification of Hormones Dr. DİNÇEL	Adrenal Glands Dr. ÖZKOÇER	Adrenal Cortex and Medullary Hormones Dr. TÜRKKAN
16:30-17:20	Pituitary and Pineal Glands Dr. YIĞMAN	Elective Courses	General Properties and Classification of Hormones Dr. DİNÇEL	Free Study Time	Free Study Time

2 nd WEEK	16.03.2026 Monday <i>(Phase-3 T. Exam)</i>	17.03.2026 Tuesday <i>(Phase-1 P. Exam)</i>	18.03.2026 Wednesday	19.03.2026 Thursday	20.03.2026 Friday
08:30-09:20	Free Study Time	Free Study Time	Free Study Time	Free Study Time	PUBLIC HOLIDAY
09:30-10:20	Free Study Time	Free Study Time	Free Study Time	Free Study Time	PUBLIC HOLIDAY
10:30-11:20	Free Study Time	Free Study Time	Free Study Time	Free Study Time	PUBLIC HOLIDAY
11:30-12:20	Free Study Time	Free Study Time	Free Study Time	Free Study Time	PUBLIC HOLIDAY
13:30-14:20	Free Study Time	Medical English	Free Study Time	PUBLIC HOLIDAY	PUBLIC HOLIDAY
14:30-15:20	Free Study Time	Medical English	Free Study Time	PUBLIC HOLIDAY	PUBLIC HOLIDAY
15:30-16:20	Free Study Time	Elective Courses	Free Study Time	PUBLIC HOLIDAY	PUBLIC HOLIDAY
16:30-17:20	Free Study Time	Elective Courses	Free Study Time	PUBLIC HOLIDAY	PUBLIC HOLIDAY

3 rd WEEK	23.03.2026 Monday <i>(Phase-1 P. Exam)</i>	24.03.2026 Tuesday <i>(Phase-1 P. Exam)</i>	25.03.2026 Wednesday <i>(Phase-1 P. Exam)</i>	26.03.2026 Thursday	27.03.2026 Friday
08:30-09:20	Thyroid Hormones Dr. TÜRKKAN	Urinary System Embryology Dr. YIĞMAN	Biochemistry Lab1 (Grup A-B)	Histology Lab 1 (Group C-D)	Female Internal and External Genital Organs Dr. ATALAR
09:30-10:20	Thyroid Hormones Dr. TÜRKKAN	Urinary System Embryology Dr. YIĞMAN	Biochemistry Lab1 (Grup A-B)	Histology Lab 1 (Group C-D)	Female Internal and External Genital Organs Dr. ATALAR
10:30-11:20	Endocrine Functions of Pancreas Dr. KAYABAŞI	Thyroid Hormones Dr. YILMAZ	Biochemistry Lab1 (Grup C-D)	Histology Lab 1 (Group A-B)	Regulation of Calcium Metabolism, PTH and Calcitonin Dr. KAYABAŞI
11:30-12:20	Endocrine Functions of Pancreas Dr. KAYABAŞI	Hormones Regulating Calcium Metabolism Dr. DİNÇEL	Biochemistry Lab1 (Grup C-D)	Histology Lab 1 (Group A-B)	Regulation of Calcium Metabolism, PTH and Calcitonin Dr. KAYABAŞI
13:30-14:20	Pancreatic Hormones Dr. YILMAZ	Medical English	Free Study Time	Urinary System Histology Dr. YIĞMAN	Histology Lab 2 (Group C-D)
14:30-15:20	Pancreatic Hormones Dr. YILMAZ	Medical English	Free Study Time	Urinary System Histology Dr. YIĞMAN	Histology Lab 2 (Group C-D)
15:30-16:20	Free Study Time	Elective Courses	Free Study Time	Urinary System Histology Dr. YIĞMAN	Histology Lab 2 (Group A-B)
16:30-17:20	Free Study Time	Elective Courses	Free Study Time	Free Study Time	Histology Lab 2 (Group A-B)

4 rd WEEK	30.03.2026 Monday	31.03.2026 Tuesday	01.04.2026 Wednesday	02.04.2026 Thursday	03.04.2026 Friday
08:30-09:20	Male Internal and External Genital Organs Dr. ATALAR	Clinical and Radiographic Anatomy Dr. BAHÇELİOĞLU	Free Study Time	Free Study Time	Free Study Time
09:30-10:20	Male Internal and External Genital Organs Dr. ATALAR	Clinical and Radiographic Anatomy Dr. BAHÇELİOĞLU	Free Study Time	Reproductive System Embryology Dr. ELMAS	Histology of Male Reproductive System Dr. ÖZKOÇER
10:30-11:20	Clinical and Radiographic Anatomy Dr. BAHÇELİOĞLU	Histology of Female Reproductive System Dr. SEYMEN	Free Study Time	Reproductive System Embryology Dr. ELMAS	Histology of Male Reproductive System Dr. ÖZKOÇER
11:30-12:20	Clinical and Radiographic Anatomy Dr. BAHÇELİOĞLU	Medical Ethics Principles Dr. ÇENÇEN	Declarations of World Medical Association Dr. ÇENÇEN	Medical Action and Legal Responsibility of the Physician Dr. ÇENÇEN	Histology of Male Reproductive System Dr. ÖZKOÇER
13:30-14:20	Functions of Male Gonads Dr. TÜRKKAN	Medical English	Anatomy Lab 1 (Group A-B) Histology Lab 3 (Group C-D)	Charter of Medical Deontology and Medical Ethics Dr. ÇENÇEN	Functions of Female Gonads Dr. TÜRKKAN
14:30-15:20	Functions of Male Gonads Dr. TÜRKKAN	Medical English	Anatomy Lab 1 (Group A-B) Histology Lab 3 (Group C-D)	Functions of Kidney Dr. GÜNEY	Functions of Female Gonads Dr. TÜRKKAN
15:30-16:20	Histology of Female Reproductive System Dr. SEYMEN	Elective Courses	Anatomy Lab 1 (Group C-D) Histology Lab 3 (Group A-B)	Urine Excretion and Diuresis Dr. GÜNEY	Free Study Time
16:30-17:20	Histology of Female Reproductive System Dr. SEYMEN	Elective Courses	Anatomy Lab 1 (Group C-D) Histology Lab 3 (Group A-B)	Free Study Time	Free Study Time

5th WEEK	06.04.2026 Monday	07.04.2026 Tuesday	08.04.2026 Wednesday	09.04.2026 Thursday	10.04.2026 Friday
08:30-09:20	Functions of Nephron Dr. GÜNEY	CSE	Anatomy Lab 2 (Group A-B) Histology Lab 4 (Group C-D)	Endocrine and Metabolic Changes in Pregnancy and Lactation Dr. TÜRKKAN	Free Study Time
09:30-10:20	Glomerular Filtration Dr. GÜNEY	CSE	Anatomy Lab 2 (Group A-B) Histology Lab 4 (Group C-D)	Neonatal Physiology and Growth Dr. TÜRKKAN	Free Study Time
10:30-11:20	PANEL:IVF	CSE	Anatomy Lab 2 (Group C-D) Histology Lab 4 (Group A-B)	Reuptake Events in Nephron Dr. GÜNEY	Fluid Electrolyte Balance Dr. GÜNEY
11:30-12:20	PANEL:IVF	CSE	Anatomy Lab 2 (Group C-D) Histology Lab 4 (Group A-B)	Renal Mechanisms for Diluting and Concentrating Urine Dr. GÜNEY	Fluid Electrolyte Balance Dr. GÜNEY
13:30-14:20	Adrenal Medulla Hormones Dr. ÜNAL	Medical English	Importance of Clearance in Kidney Functions Dr. GÜNEY	Histology Lab 5 (Group C-D)	Physiology Lab1 (Group A)
14:30-15:20	Adrenal Medulla Hormones Dr. ÜNAL	Medical English	Reuptake Events in Nephron Dr. GÜNEY	Histology Lab 5 (Group C-D)	Physiology Lab1 (Group A)
15:30-16:20	Free Study Time	Elective Courses	Adrenal Cortex Hormones Dr. ÜNAL	Histology Lab 5 (Group A-B)	Physiology Lab1 (Group B)
16:30-17:20	Free Study Time	Elective Courses	Adrenal Cortex Hormones Dr. ÜNAL	Histology Lab 5 (Group A-B)	Physiology Lab1 (Group B)

6 th WEEK	13.04.2026 Monday	14.04.2026 Tuesday	15.04.2026 Wednesday	16.04.2026 Thursday	17.04.2026 Friday
08:30-09:20	Physiology Lab1 (Group C)	CSE	Free Study Time	Free Study Time	Free Study Time
09:30-10:20	Physiology Lab1 (Group C)	CSE	Free Study Time	Free Study Time	Free Study Time
10:30-11:20	Physiology Lab1 (Group D)	CSE	Free Study Time	Free Study Time	Free Study Time
11:30-12:20	Physiology Lab1 (Group D)	CSE	Free Study Time	Free Study Time	Free Study Time
13:30-14:20	Regulation of Acid- Base Balance Dr. GÜNEY	Medical English	Free Study Time	Free Study Time	Free Study Time
14:30-15:20	Gonodal Hormones Dr. KARAKAYA	Medical English	Free Study Time	Free Study Time	Free Study Time
15:30-16:20	Gonodal Hormones Dr. KARAKAYA	Elective Courses	Free Study Time	Free Study Time	Free Study Time
16:30-17:20	Free StudyTime	Elective Courses	Free Study Time	Free Study Time	Free Study Time

7 th WEEK	20.04.2026 Monday <i>(Phase-3 T. Exam)</i>	21.04.2026 Tuesday	22.04.2026 Wednesday	23.04.2026 Thursday	24.04.2026 Friday
08:30-09:20	APPLIED EXAM	APPLIED EXAM	APPLIED EXAM	PUBLIC HOLIDAY	THEORETICAL EXAM
09:30-10:20	APPLIED EXAM	APPLIED EXAM	APPLIED EXAM	PUBLIC HOLIDAY	THEORETICAL EXAM
10:30-11:20	APPLIED EXAM	APPLIED EXAM	APPLIED EXAM	PUBLIC HOLIDAY	THEORETICAL EXAM
11:30-12:20	APPLIED EXAM	APPLIED EXAM	APPLIED EXAM	PUBLIC HOLIDAY	THEORETICAL EXAM
13:30-14:20	APPLIED EXAM	Medical English	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Free Study Time
14:30-15:20	APPLIED EXAM	Medical English	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Free Study Time
15:30-16:20	APPLIED EXAM	Elective Courses	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Free Study Time
16:30-17:20	APPLIED EXAM	Elective Courses	PUBLIC HOLIDAY	PUBLIC HOLIDAY	Free Study Time

