

UROGENITAL SYSTEM COMMITTEE

AIM

1. To gain general concepts and definitions, as well as skills and attitudes, including embryonic development, anatomical and histological structure and physiological functions of the urogenital system.
2. To gain knowledge, attitudes and skills about the structure, function and diseases of the urogenital system, and the symptoms, diagnosis and treatment of diseases of this system in general.

In terms of Basic Sciences the students;

1. Will be able to explain the embryological development of kidney, bladder, female and male reproductive system,
2. Will be able to describe the anatomical and histological structure of the kidney, female and male reproductive systems,
3. Will be able to define the functions of the kidney, female and male reproductive systems, list the mechanisms that provide control, and explain the effects of hormones,
4. Will be able to explain biochemical reactions related to urinary system, male and female genital system

In terms of Clinical Sciences the students;

5. Will be able to explain the fluid-electrolyte, acid-base balance disorders,
6. Will be able to explain the pathology, clinical approach and treatment of kidney and bladder diseases,
7. Will be able to explain the pathology, symptoms, clinical findings, diagnostic methods and treatment methods of the female and male genital system,
8. Will be able to explain the pathology, clinical approach, diagnosis and treatment methods of breast examination and diseases.

Contribution of the learning outcomes of the course to the learning outcomes of the program

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	3	1	1	1	1	1	2	2
LO2	3	1	1	1	1	1	2	2
LO3	3	1	1	1	1	1	2	2
LO4	3	1	1	1	1	1	2	2
LO5	5	1	2	1	2	2	2	2
LO6	5	1	3	1	2	2	2	3
LO7	5	1	3	1	2	2	3	3
LO8	5	1	4	1	2	2	3	3

UROGENITAL SYSTEM (8 WEEKS; JANUARY 09 - MARCH 17)

LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL
Anatomy	Prof. Dr. Ahmet SINAĞ	14	13	27
Medical Biochemistry	Prof. Dr. Ahmet BELGE	8	2	10
HISTOLOGY & EMBRYOLOGY	Assoc. Prof. Dr. Nazlı Ece Orduer	10	8	18
Physiology	Assist. Prof. Dr. Muhsine Sinem ETHEMOĞLU	15		15
Microbiology	Prof. Dr. Görkem YAMAN	5		5
Microbiology	Assist. Prof. Dr. Yağmur EKENOĞLU MERDAN	2		2
Medical Pathology	Assoc. Prof. Dr. Mehmet ÖNLÜ	4		4
Medical Pathology	Prof. Dr. Duygu D. APA	14	4	18
Medical Pathology	Prof. Dr. D. Sema ARICI	10	2	10
Pediatrics	Prof. Dr. Erol KİSİMET	4		4
Nephrology	Prof. Dr. Özlem HARMANKAYA KAPTANOĞULLARI	9		9
Gynecology and Obstetrics	Prof. Dr. Ayşe KAFKASLI	3		3
Gynecology and Obstetrics	Assist. Prof. Dr. Seyfettin VURAL	4		4
Gynecology and Obstetrics	Assist. Prof. Dr. Tamer MOLLA	4		4
Urology	Prof. Dr. Ege Can ŞERİFOĞLU	3		3
Urology	Prof. Dr. Selçuk SİLAY	3		3
Medical Pharmacology	Prof. Dr. Altın Karasöz	4		4
TOTAL		116	29	143

UROGENITAL SYSTEM COMMITTEE/ WEEK I

JAN 09- JAN 13	09.01.2023 Monday	10.01.2023 Tuesday	11.01.2023 Wednesday	12.01.2023 Thursday	13.01.2023 Friday
08:30-09:15	INDEPENDENT LEARNING	Retropitoneal space ANATOMY Ahmet SINAV	Lower urinary tract ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Pelvis overview ANATOMY Ahmet SINAV	Retropitoneal space ANATOMY Ahmet SINAV	Lower urinary tract ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Pelvis overview ANATOMY Ahmet SINAV	Retropitoneal space ANATOMY LAB Ahmet SINAV	Upper urinary tract ANATOMY LAB Ahmet SINAV	Renal function tests and Eritropoetin BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING
11:15-12:00	Pelvis overview ANATOMY LAB Ahmet SINAV	Retropitoneal space ANATOMY LAB Ahmet SINAV	Upper urinary tract ANATOMY LAB Ahmet SINAV	Renal function tests and Eritropoetin BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING
BREAK					
13:00-13:45	Histology of Urinary System HISTOLOGY Nazli Ece ORDUERI	Development of the Urinary System HISTOLOGY Nazli Ece ORDUERI	Lower urinary tract ANATOMY LAB Ahmet SINAV	Introduction to excretory physiology and renal circulation PHYSIOLOGY Muhanne Sinem ETHEMOGLU	INDEPENDENT LEARNING
13:55-14:40	Histology of Urinary System HISTOLOGY Nazli Ece ORDUERI	Development of the Urinary System HISTOLOGY Nazli Ece ORDUERI	Lower urinary tract ANATOMY LAB Ahmet SINAV	Function of kidney glomeruli PHYSIOLOGY Muhanne Sinem ETHEMOGLU	INDEPENDENT LEARNING
14:50-15:35	INDEPENDENT LEARNING	Upper urinary tract ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	Upper urinary tract ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
16:40-17:25	Academic Mentoring	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING

UROGENITAL SYSTEM COMMITTEE/ WEEK II

JAN 16- JAN 20	16.01.2023 Monday	17.01.2023 Tuesday	18.01.2023 Wednesday	19.01.2023 Thursday	20.01.2023 Friday
08:30-09:15	Female genital organs ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	Male genital organs ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Female genital organs ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	Male genital organs ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Female genital organs ANATOMY LAB Ahmet SINAV	Neisseria gonorrhoeae: Chlamydia trachomatis MICROBIOLOGY Gonem YAMAN	Male genital organs ANATOMY LAB Ahmet SINAV	Regulation of glomerular filtration rate PHYSIOLOGY Muhanne Sinem ETHEMOGLU	INDEPENDENT LEARNING
11:15-12:00	Female genital organs ANATOMY LAB Ahmet SINAV	Neisseria gonorrhoeae: Chlamydia trachomatis MICROBIOLOGY Gonem YAMAN	Male genital organs ANATOMY LAB Ahmet SINAV	Acid-base balance PHYSIOLOGY Muhanne Sinem ETHEMOGLU	INDEPENDENT LEARNING
BREAK					
13:00-13:45	Reabsorption, secretion in kidney tubules PHYSIOLOGY Muhanne Sinem ETHEMOGLU	Development of the Male Reproductive System HISTOLOGY & EMBRYOLOGY Nazli Ece ORDUERI	Development of the Female Reproductive System HISTOLOGY Nazli Ece ORDUERI	Male gonad hormones and associated endocrine tests BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING
13:55-14:40	Reabsorption, secretion in kidney tubules PHYSIOLOGY Muhanne Sinem ETHEMOGLU	Development of the Male Reproductive System HISTOLOGY & EMBRYOLOGY Nazli Ece ORDUERI	Development of the Female Reproductive System HISTOLOGY Nazli Ece ORDUERI	Male gonad hormones and associated endocrine tests BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING
14:50-15:35	Histology of the Male Reproductive System HISTOLOGY & EMBRYOLOGY Nazli Ece ORDUERI	Routine urine analysis theory BIOCHEMISTRY Ahmet BELCE	Human Papilloma Virus MICROBIOLOGY Yagmur ENENOGLU MERDAN	Urinary System HISTOLOGY LAB Group 1 Nazli Ece ORDUERI	INDEPENDENT LEARNING
15:45-16:30	Histology of the Male Reproductive System HISTOLOGY & EMBRYOLOGY Nazli Ece ORDUERI	Routine urine analysis theory BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	Urinary System HISTOLOGY LAB Group 2 Nazli Ece ORDUERI	INDEPENDENT LEARNING
16:40-17:25	Academic Mentoring	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING

UROGENITAL SYSTEM COMMITTEE/ WEEK III

JAN 23-JAN 27	23.01.2023 Monday	24.01.2023 Tuesday	25.01.2023 Wednesday	26.01.2023 Thursday	27.01.2023 Friday
08:30-09:15	Perineum ANATOMY Ahmet SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Perineum ANATOMY Ahmet SINAV	Haemophilus ducreyi-Genital mycoplasmas MICROBIOLOGY EKENOĞLU MERDAN Yagmur	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Perineum ANATOMY LAB Ahmet SINAV	Urine concentration and dilution PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	Male Reproductive Function PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	Routine urine analysis BIOCHEMISTRY LAB Group 1 Ahmet BELCE	INDEPENDENT LEARNING
11:15-12:00	Perineum ANATOMY LAB Ahmet SINAV	Urinary evacuation and micturition PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	Male Reproductive Function PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	Routine urine analysis BIOCHEMISTRY LAB Group 2 Ahmet BELCE	INDEPENDENT LEARNING
BREAK					
13:00-13:45	Cystic disorders of the kidney PATHOLOGY Duygu DÜŞMEZ APA	Female gonad hormones and associated endocrine tests BIOCHEMISTRY Ahmet BELCE	Urogenital infections-Microbiological Diagnosis MICROBIOLOGY Göktem YAMAN	Disorders involving Blood vessels of the kidney PATHOLOGY Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
13:55-14:40	Cystic disorders of the kidney PATHOLOGY Duygu DÜŞMEZ APA	Female gonad hormones and associated endocrine tests BIOCHEMISTRY Ahmet BELCE	Urogenital infections-Microbiological Diagnosis MICROBIOLOGY Göktem YAMAN	Disorders involving Blood vessels of the kidney PATHOLOGY Duygu DÜŞMEZ APA	Introduction to Glomerular Disorders PATHOLOGY (Online) Mehmet Ünlü
14:50-15:35	Treponema pallidum MICROBIOLOGY Göktem YAMAN	Tubulointerstitial Disorders and Urinary Outflow Obstruction PATHOLOGY Duygu DÜŞMEZ APA	INDEPENDENT LEARNING	The Male Reproductive System HISTOLOGY LAB Group 2 Naci Ece ORDUERİ	Introduction to Glomerular Disorders PATHOLOGY (Online) Mehmet Ünlü
15:45-16:30	INDEPENDENT LEARNING	Tubulointerstitial Disorders and Urinary Outflow Obstruction PATHOLOGY Duygu DÜŞMEZ APA	INDEPENDENT LEARNING	The Male Reproductive System HISTOLOGY LAB Group 1 Naci Ece ORDUERİ	Primary and Secondary Glomerular Disorders PATHOLOGY (Online) Mehmet Ünlü
16:40-17:25	Academic Mentoring	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Primary and Secondary Glomerular Disorders PATHOLOGY (Online) Mehmet Ünlü

SEMESTER BREAK

30.01.2023-10.02.2023

UROGENITAL SYSTEM COMMITTEE/ WEEK IV

FEB 13- FEB 17	13.02.2023 Monday	14.02.2023 Tuesday	15.02.2023 Wednesday	16.02.2023 Thursday	17.02.2023 Friday
08:30-09:15	Symptomatology in urogenital system UROLOGY Ege Can ŞERİFOĞLU	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Urinary tract infections and sexually transmitted diseases UROLOGY Ege Can ŞERİFOĞLU	Fluid and electrolyte balance disorders NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	Disorders of the Urinary Bladder PATHOLOGY Duygu DÜŞMEZ APA	Disorders of the Testis PATHOLOGY Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
10:20-11:05	Urinary tract infections and sexually transmitted diseases UROLOGY Ege Can ŞERİFOĞLU	Fluid and electrolyte balance disorders NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	Disorders of the Urinary Bladder PATHOLOGY Duygu DÜŞMEZ APA	Disorders of the Prostate PATHOLOGY Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
11:15-12:00	Pre-pregnancy female reproductive functions PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	Nephrotic syndrome NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	Disorders of the Testis PATHOLOGY Duygu DÜŞMEZ APA	Disorders of the Prostate PATHOLOGY Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
BREAK					
13:00-13:45	Pregnancy, childbirth, lactation PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	History taken and approach to Ob and Gyn patient GYNECOLOGY AND OBSTETRICS Ayşe KAFKASLI	Pregnancy, childbirth, lactation PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	The Female Reproductive System HISTOLOGY LAB Group 1 Naci Ece ORDUERİ	INDEPENDENT LEARNING
13:55-14:40	Neoplasms of the kidney PATHOLOGY Duygu DÜŞMEZ APA	pelvic examination and diagnostic methods GYNECOLOGY AND OBSTETRICS Ayşe KAFKASLI	Neonatal Physiology PHYSIOLOGY Muh sine SINEM ETHEMOĞLU	The Female Reproductive System HISTOLOGY LAB Group 2 Naci Ece ORDUERİ	INDEPENDENT LEARNING
14:50-15:35	Neoplasms of the kidney PATHOLOGY Duygu DÜŞMEZ APA	pelvic examination and diagnostic methods GYNECOLOGY AND OBSTETRICS Ayşe KAFKASLI	INDEPENDENT LEARNING	3D Urogenital System HISTOLOGY LAB Group 1 Naci Ece ORDUERİ	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	3D Urogenital System HISTOLOGY LAB Group 2 Naci Ece ORDUERİ	INDEPENDENT LEARNING
16:40-17:25	Academic Mentoring	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING

UROGENITAL SYSTEM COMMITTEE/ WEEK V					
FEB 20- FEB 24	20.02.2023 Monday	21.02.2023 Tuesday	22.02.2023 Wednesday	23.02.2023 Thursday	24.02.2023 Friday
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Urthhass UROLOGY Selçuk SİLAY	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING	Urinary system in Nephrology and symptomatology in Nephrology NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	USMLE TUMAY SADIKOĞLU	Urthhass UROLOGY Selçuk SİLAY	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	Evaluation of Renal Functions NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	USMLE TUMAY SADIKOĞLU	Obstruction and stasis UROLOGY Selçuk SİLAY	INDEPENDENT LEARNING
11:15-12:00	INDEPENDENT LEARNING	Acid Base Balance Disorders NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	Disorders of the Cervix PATHOLOGY Dilek SEMA ARICI	INDEPENDENT LEARNING	INDEPENDENT LEARNING
BREAK					
13:00-13:45	Disorders of the Vagina and Vulva PATHOLOGY Dilek SEMA ARICI	Obstetric history and Pregnancy Examination GYNECOLOGY AND OBSTETRICS Seyhan VURAL	Disorders of the Cervix PATHOLOGY Dilek SEMA ARICI	Disorders of the Kidney and Urinary Bladder PATHOLOGY LAB Group 1 Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
13:55-14:40	Disorders of the Vagina and Vulva PATHOLOGY Dilek SEMA ARICI	Symptoms in Gynecology and Obstetrics GYNECOLOGY AND OBSTETRICS Seyhan VURAL	Symptoms and clinical findings in renal diseases PEDIATRICS Erol KISMET	Disorders of the Kidney and Urinary Bladder PATHOLOGY LAB Group 2 Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
14:50-15:35	Disorders of the Endometrium and Myometrium PATHOLOGY Dilek SEMA ARICI	Menstruation physiology and disorders GYNECOLOGY AND OBSTETRICS Seyhan VURAL	Symptoms and clinical findings in renal diseases PEDIATRICS Erol KISMET	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	Disorders of the Endometrium and Myometrium PATHOLOGY Dilek SEMA ARICI	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
16:40-17:25	Academic Mentoring	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
UROGENITAL SYSTEM COMMITTEE/ WEEK VI					
FEB 27- March 03	27.02.2023 Monday	28.02.2023 Tuesday	01.03.2023 Wednesday	02.03.2023 Thursday	03.03.2023 Friday
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ICP Foley catheter insertion- PAP smear- LAB Tumay SADIKOĞLU Group 2	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING	Acute and chronic glomerulonephritis NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Disorders of the Fallopian Tubes and Ovaries PATHOLOGY Dilek SEMA ARICI	Acute kidney injury NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	Rational Use of Medications in Pregnancy & Lactation PHARMACOLOGY Aliya KARASOY	ICP Foley catheter insertion- PAP smear- LAB Tumay SADIKOĞLU Group 1	INDEPENDENT LEARNING
11:15-12:00	Disorders of the Fallopian Tubes and Ovaries PATHOLOGY Dilek SEMA ARICI	Chronic kidney disease NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
BREAK					
13:00-13:45	Agents Affecting Urinary Smooth Muscles-I (Dyslexic Agents) PHARMACOLOGY Aliya KARASOY	Obstetric Emergencies GYNECOLOGY AND OBSTETRICS Taner MOLLA	Gestational Trophoblastic Disorders PATHOLOGY Dilek SEMA ARICI	Disorders of the Male Genital System PATHOLOGY LAB Group 2 Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
13:55-14:40	Agents Affecting Urinary Smooth Muscles-II (Tropic Agents) PHARMACOLOGY Aliya KARASOY	Common conditions in Pregnancy and their management GYNECOLOGY AND OBSTETRICS Taner MOLLA	Gestational Trophoblastic Disorders PATHOLOGY Dilek SEMA ARICI	Disorders of the Male Genital System PATHOLOGY LAB Group 1 Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
14:50-15:35	INDEPENDENT LEARNING	Antenatal screening and diagnostic tests GYNECOLOGY AND OBSTETRICS Taner MOLLA	Review Session PHYSIOLOGY Muhsine Sivem ETHEMOĞLU	Disorders of the Female Genital System PATHOLOGY LAB Group 2 Dilek SEMA ARICI	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Disorders of the Female Genital System PATHOLOGY LAB Group 1 Dilek SEMA ARICI	INDEPENDENT LEARNING
16:40-17:25	Academic Mentoring	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
UROGENITAL SYSTEM COMMITTEE/ WEEK VII					
March 06- March 10	06.03.2023 Monday	07.03.2023 Tuesday	08.03.2023 Wednesday	09.03.2023 Thursday	10.03.2023 Friday
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
09:25-10:10					
10:20-11:05					
11:15-12:00					
13:00-13:45					
13:55-14:40					
14:50-15:35					
15:45-16:30					
16:40-17:25					