



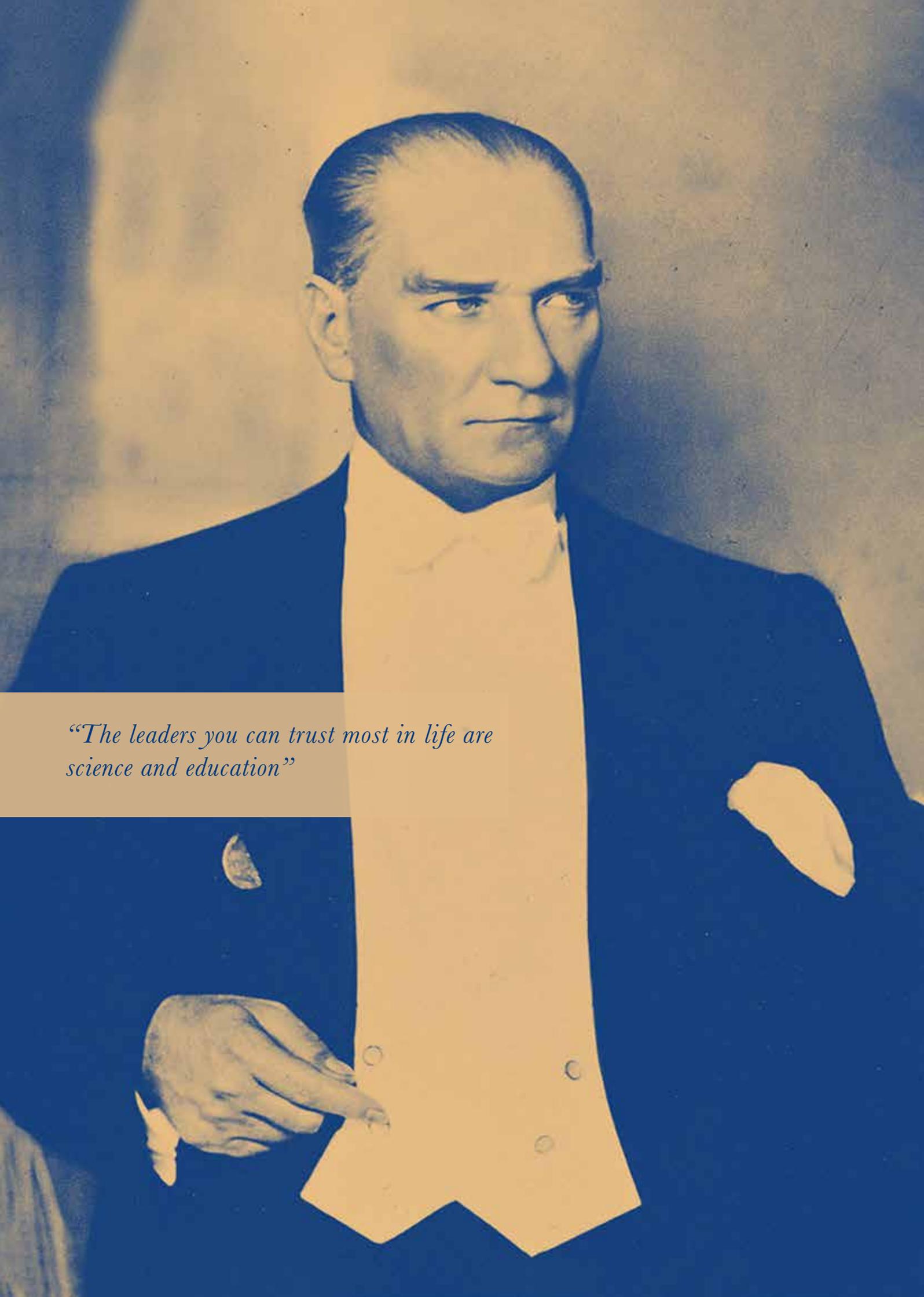
ACIBADEM
UNIVERSITY

2024 - 2025
CURRICULUM BOOK
SCHOOL OF MEDICINE



ACIBADEM

UNIVERSITY



*“The leaders you can trust most in life are
science and education”*

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ADMINISTRATIVE ORGANIZATION



DEAN
Nadi BAKIRCI
M.D., Ph.D., Prof.



VICE DEAN
Özden HATIRNAZ NG
Ph.D., Prof.



VICE DEAN
Serdar BEKEN
M.D., Prof.

ACADEMIC UNITS



DEPARTMENTS OF BASIC SCIENCES

Serap ARBAK
Ph.D., Prof.



DEPARTMENTS OF MEDICAL SCIENCES

Enis ÖZYAR
M.D., Prof.



DEPARTMENTS OF SURGICAL SCIENCES

Latif ABBASOĞLU
M.D., Prof.

DEPARTMENTS

Anatomy
Biophysics
Biostatistics & Medical Informatics
Histology and Embryology
History of Medicine and Ethics
Medical Biochemistry
Medical Biology
Medical Education
Medical Microbiology
Physiology

DEPARTMENTS

Cardiology
Child Psychiatry
Dermatology
Family Medicine
Forensic Medicine
Infectious Diseases
Internal Medicine
Medical Genetics
Medical Pharmacology
Neurology
Nuclear Medicine
Pediatrics
Physical Medicine
Psychiatry
Pulmonary Medicine
Public Health
Radiation Oncology
Radiology

DEPARTMENTS

Anesthesiology & Reanimation
Cardiovascular Surgery
Emergency Medicine
General Surgery
Medical Pathology
Neurosurgery
Obstetrics & Gynecology
Ophthalmology
Orthopedics & Traumatology
Otorhinolaryngology
Pediatric Surgery
Plastic & Reconstructive Surgery
Thoracic Surgery
Urology

2024-2025 COORDINATORS OF MEDICAL EDUCATION

FACULTY EDUCATION COORDINATOR



Demet KOÇ

BIOMEDICAL SUBJECT COMMITTEES (BSC) COORDINATORS

YEAR I



Merve AÇIKEL-ELMAS



Özkan ÖZDEMİR

YEAR II



Zeynep DÜRER



Mehmet ERGEN

YEAR III



Sinem ÖKTEM OKULLU



Devrim ÖZ ARSLAN

CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) PROGRAM COORDINATORS



Pinar TOPSEVER



Figen DEMİR

COORDINATORS OF THE CLINICAL PERIOD



İşıl PAKIŞ



Demet DİNÇ

HOSPITAL CLINICAL EDUCATION COORDINATORS



Bilgi BACA



Saygın ABALI



Sevgi ŞAHİN

ELECTIVES IN MEDICINE (EMED) PROGRAM COORDINATORS



Levent ALTINTAŞ



Fatih ARTVİNLİ



Emel TIMUÇİN

STUDENT CENTERED LEARNING ACTIVITIES COORDINATORS



Deniz YÜCEL



Hande YAPIŞLAR



Cem SUNGUR

COORDINATORS OF INTERNATIONAL STUDENT MOBILITY



Pinar TOPSEVER



Özgür KURT

COORDINATOR OF SIMULATED CLINICAL SKILLS TRAINING



Dilek KİTAPÇIOĞLU

FACULTY EDUCATION COORDINATOR

Demet KOÇ, MD.	demet.koc@acibadem.edu.tr 0216 500 77 56	Kerem Aydınlar Campus
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MEDICAL EDUCATION COORDINATION OFFICE

Gözde AYRANCIGİL	gozde.ayrancigil@acibadem.edu.tr 0216 500 40 73	Kerem Aydınlar Campus
Selin GİDİŞ	selin.gidis@acibadem.edu.tr 0216 500 77 57	
Eda ARSLAN	eda.arслан@acibadem.edu.tr 0212 404 49 28	Atakent Hopital
Simge ARDA	simge.arda@acibadem.edu.tr 0212 404 45 32	
Esra ŞEN	esra.sen@acibadem.edu.tr 0212 304 39 97	Maslak Hospital
Sara CEMEL	sara.cemel@acibadem.edu.tr 0216 649 44 52	Altunizade Hospital

ACIBADEM UNIVERSITY SCHOOL OF MEDICINE COORDINATORS OF MEDICAL EDUCATION (2024-2025)

YEAR 1 Biomedical Subject Committee (BSC) Coordinators	YEAR 2 Biomedical Subject Committee (BSC) Coordinators	YEAR 3 Biomedical Subject Committee (BSC) Coordinators	YEAR 4 Clerkship Chairs	YEAR 5 Clerkship Chairs	YEAR 6 Internship Chairs
Merve AÇIKEL ELMAS Özkan ÖZDEMİR	Zeynep DURER Mehmet ERGEN	Sinem ÖKTEM OKULLU Devrim ÖZARSLAN	Transition to Clinical Clerkship (TCC) Dilek KİTAPÇIOĞLU Demet DİNÇ	Neurology Yıldız KAYA Erkan ACAR	Internal Medicine Sevgi ŞAHİN İbrahim YILDIZ Suna YAPALI
			Internal Medicine İnan ANAFOROĞLU Özge GÜMÜŞAY	Neurosurgery Baran BOZKURT	General Surgery Volkan ÖZBEN Onur DÜLGEROĞLU
			Surgery Bilgi BACA Akif Enes ARIKAN Tonguç Utku YILMAZ	Psychiatry Burcu YAVUZ GÖKSAN Ürün ÖZER AĞIRBAŞ	Pediatrics Burcu BULUM Tarkan KIZOĞLU Baran ARÇAGÖK
YEAR 1 CMPS Course Chairs	YEAR 2 CMPS Course Chairs	YEAR 3 CMPS Course Chairs	Obstetrics and Gynecology Belgin SELAM Turgut AYDIN Hale Göksever ÇELİK	Otolaryngology-Head & Neck Surgery Alper ÖZDİLEK Sibel YILDIRIM	Obstetrics & Gynecology Serkan ERKANLI Suat DEDE Emine KARABÜK
Research in Health-I Figen DEMİR	Research in Health-II Pınar TOPSEVER Figen DEMİR	Evidence Based Medicine Pınar TOPSEVER Figen DEMİR	Pediatrics and Pediatric Surgery Bahar TEMUR Ender ÇAKMAK	Ophthalmology Ayşe Ebru KILAVUZOĞLU	
Medical Ethics and Humanities-I Yeşim Işıl ÜLMAN	Medical Ethics and Humanities-II Yeşim Işıl ÜLMAN	Health and Society-III Yeşim YASIN		Dermatology Dilek BİYİK ÖZKAYA Deniz DEMİRÇIOĞLU	
Communication Skills Pınar TOPSEVER Dilek KİTAPÇIOĞLU Şirin PARKAN				Orthopedics & Traumatology & PMR Altuğ YÜCEKUL Emrullah HAYTA	Psychiatry Barış SANGAK
Health and Society-I Yeşim YASIN				Forensic Medicine Işıl PAKIŞ	Community Health & Primary Care Pınar TOPSEVER Yeşim YASIN
				Urology Bora ÖZVEREN Selçuk KESKİN	Emergency Medicine Kamil KAVAYURT Cem GÜN Hasan ALDINÇ
					Simulated Clinical Practice Dilek KİTAPÇIOĞLU

YEAR I	COURSE CATEGORIES		COURSES			
	Integrated Medical Courses	BIOMEDICAL SUBJECT COMMITTEES	MED 115 MOLECULAR & MEDICINE-I	MED 117 MOLECULAR & MEDICINE-II	MED 118 BLOOD-IMMUNITY & CANCER	
		CLINICAL MEDICINE and PROFESSIONAL SKILLS	MED 124 MEDICAL ETHICS AND HUMANITIES	MED 121 RESEARCH IN HEALTH	MED 126 HEALTH AND SOCIETY- I	MED 127 COMMUNICATION SKILLS
	COMPLEMENTARY MEDICAL COURSES		MED 136 BIOSTATISTICS		MED 137 BIOINFORMATICS	
	COMMON COURSES		MED 135 MEDICAL ENGLISH		EMED 101 ELECTIVES IN MEDICINE-I	
		HISTORY OF REVOLUTION	TURKISH LANGUAGE AND LITERATURE	ELE 197-198 ELECTIVE COURSES I-II		

YEAR II	COURSE CATEGORIES		COURSES			
	Integrated Medical Courses	BIOMEDICAL SUBJECT COMMITTEES	MED 213 MUSCULOSKELETAL SYSTEM AND RELATED DISORDERS	MED 211 MICROORGANISMS AND INFECTION	MED 212 NERVOUS SYSTEM AND RELATED DISEASES	MED 214 GROWTH DEVELOPMENT AND ENDOCRINE DISORDERS
		CLINICAL MEDICINE and PROFESSIONAL SKILLS	MED 221 RESEARCH IN HEALTH-II		MED 222 MEDICAL ETHICS AND HUMANITIES-II	
	COMPLEMENTARY MEDICAL COURSES		EMED 201-202 ELECTIVES IN MEDICINE-II-III		MED 233-234 MEDICAL ENGLISH-III-IV	
	COMMON COURSES		COMMON ELECTIVE COURSES			

YEAR III	COURSE CATEGORIES		COURSES			
	Integrated Medical Courses	BIOMEDICAL SUBJECT COMMITTEES	MED 311 CARDIOVASCULAR SYSTEM AND RELATED DISORDERS	MED 313 RESPIRATORY SYSTEM AND RELATED DISORDERS	MED 315 GASTROINTESTINAL SYSTEM AND RELATED DISORDERS	MED 312 UROGENITAL SYSTEM AND RELATED DISORDERS
		CLINICAL MEDICINE and PROFESSIONAL SKILLS	MED 321 EVIDENCE BASED MEDICIN		MED 323 HEALTH AND SOCIETY II	
	COMPLEMENTARY MEDICAL COURSES		EMED 301-302 ELECTIVES IN MEDICINE			

YEAR IV	MED 407 TCC	MED 401 INTERNAL MEDICINE	MED 403 PEDIATRICS & PEDIATRIC SURGERY	MED 404 OBSTETRICS AND GYNECOLOGY	MED 405 CARDIOVASCULAR MEDICINE	MED 406 SURGERY	MED 4001 ELECTIVE SURGICAL SCIENCES

YEAR V	MED 501 NEUROLOGY	MED 502 NEUROSURGERY	MED 503 PSYCHIATRY	MED 504 OTOLARYNGOLOGY, HEAD & NECK SURGERY	MED 505 OPHTHALMOLOGY	MED 506 DERMATOLOGY	MED 508 ORTHOPEDECS / PHYSICAL MEDICINE & REHABILITATION	MED 509 FORENSIC MEDICINE	MED 511 UROLOGYMEDICINE	MED 5000 ELECTIVE CLERKSHIP -1	MED 5001 ELECTIVE CLERKSHIP -2

YEAR VI	MED 601 INTERNAL MEDICINE	MED 602 GENERAL SURGERY	MED 603 PEDIATRICS	MED 604 OBSTETRICS & GYNECOLOGY	MED 605 PSYCHIATRY	MED 606 COMMUNITY HEALTH & PRIMARY CARE	MED 607 EMERGENCY MEDICINE	MED 608 SIMULATED CLINICAL PRACTICE	MED 6000 ELECTIVE CLERKSHIP -1	MED 6001 ELECTIVE CLERKSHIP -2

SCHOOL OF MEDICINE

**ACADEMIC
CALENDAR
2024-2025**



ACIBADEM
MEHMET ALİ AYDINLAR
UNIVERSITY

YEAR I

FALL SEMESTER

Sep 30, 2024 – Jan 31, 2025

Biomedical Subject Committees (BSC)

MED 115 - Molecular and Cellular Medicine-I

MED 117 - Molecular and Cellular Medicine-II

Clinical Medicine and Professional Skills (CMPS)

MED 124 - Medical Ethics and Humanities-I

MED 121 - Research in Health

Complementary Medical Courses (CMC)

MED 136 - Biostatistics

MED 135 - Medical English

Common Courses

ATA 101 - Atatürk Principles and History of Revolution-I

TUR 101 - Turkish Language -I

ACU 1001 - Elective Course

Course Registration Dates (for CMC and Common Courses)

Sep 23- Oct 4, 2024

Add Drop Dates (for Common Courses)

Oct 07-11, 2024

EXAMINATION DATES

Complementary Medical Courses (CMC)

Final Examination Week Jan 13-24, 2025

Retake Examination Week Feb 3-7, 2025

Common Courses

Final Examination Week Jan 13-24, 2025

Retake Examination Week Feb 3-7, 2025

Midyear Recess Jan 31 - Feb 14, 2025

SPRING SEMESTER

Feb 17, 2025 – June 13, 2025

Biomedical Subject Committees (BSC)

MED 118 – Blood, Immunity and Cancer

Clinical Medicine and Professional Skills (CMPS)

MED 126 - Health and Society-I

MED 127 - Communication Skills

Complementary Medical Courses (CMC)

MED 137 - Bioinformatics

EMED 101- Electives in Medicine -I

Common Courses

ATA 102 - Atatürk Principles and History of Revolution-I

TUR 102 - Turkish Language -I

ACU 1002 - Elective Course

Course Registration Dates (for CMC and Common Courses)

Feb 10-21, 2025

Add Drop Dates (for Common Courses)

Feb 10-21, 2025

EXAMINATION DATES

Biomedical Subject Committees (BSC)

Final Examination Week July 10, 2025

Retake Examination Week August 7, 2025

Clinical Medicine and Professional Skills (CMPS)

Final Examination Week July 11, 2025

Retake Examination Week August 8, 2025

Complementary Medical Courses (CMC)

Final Examination Week June 10-23, 2025

Retake Examination Week June 30, July 4, 2025

Common Courses

Final Examination Week June 10-23, 2025

Retake Examination Week June 30, July 4, 2025

YEAR II

FALL SEMESTER

Sep 30, 2024 – Jan 31, 2025

Biomedical Subject Committees (BSC)

MED 213 - Musculoskeletal System and Related Disorders

MED 211 – Microorganism and Infection

Clinical Medicine and Professional Skills (CMPS)

MED 221 – Research in Health - II

Complementary Medical Courses (CMC)

EMED 201 - Electives in Medicine –II

MED 233 - Medical English-III

Common Courses

ACU 1002 - Elective Course

Course Registration Dates (for CMC and Common Courses)

Sep 23- Oct 4, 2024

Add Drop Dates (for Common Courses)

Oct 07-11, 2024

EXAMINATION DATES

Complementary Medical Courses (CMC)

Final Examination Week Jan 13-24, 2025

Retake Examination Week Feb 3-7, 2025

Common Courses

Final Examination Week Jan 13-24, 2025

Retake Examination Week Feb 3-7, 2025

Midyear Recess Jan 31 - Feb 14, 2025

SPRING SEMESTER

Feb 17, 2025 – June 13, 2025

Biomedical Subject Committees (BSC)

MED 212 – Nervous System and Related Disorders

MED 214 – Growth, Development and Endocrine Disorders

Clinical Medicine and Professional Skills (CMPS)

MED 222- Medical Ethics and Humanities-II

Complementary Medical Courses (CMC)

EMED 202– Electives in Medicine-III

MED 234 - Medical English-IV

Common Courses

ACU 1002 - Elective Course

Course Registration Dates (for CMC and Common Courses)

Feb 10-21, 2025

Add Drop Dates (for Common Courses)

Feb 24-28, 2025

EXAMINATION DATES

Biomedical Subject Committees (BSC)

Final Examination Week July 8, 2025

Retake Examination Week August 5, 2025

Clinical Medicine and Professional Skills (CMPS)

Final Examination Week July 9, 2025

Retake Examination Week August 6, 2025

Complementary Medical Courses (CMC)

Final Examination Week June 10-23, 2025

Retake Examination Week June 30, July 4, 2025

Common Courses

Final Examination Week June 10-23, 2025

Retake Examination Week June 30, July 4, 2025

YEAR III

FALL SEMESTER

Sep 30, 2024 – Jan 31, 2025

Biomedical Subject Committees (BSC)

MED 313 – Respiratory System and Related Disorders

MED 311 - Cardiovascular System and Related Disorders

MED 315 – Gastrointestinal System and Related Disorders

Clinical Medicine and Professional Skills (CMPS)

MED 321 – Evidence Based Medicine

Complementary Medical Courses (CMC)

EMED 301 - Electives in Medicine –IV

Course Registration Dates (for CMC)

Sep 23- Oct 4, 2024

EXAMINATION DATES

Complementary Medical Courses (CMC)

Final Examination Week

Jan 13-24, 2025

Retake Examination Week

Feb 3-7, 2025

Midyear Recess Jan 31 - Feb 14, 2025

SPRING SEMESTER

Feb 17, 2025 – June 13, 2025

Biomedical Subject Committees (BSC)

MED 312 - Urogenital System and Related Disorders

Clinical Medicine and Professional Skills (CMPS)

MED 323 – Health and Society-II

Course Registration Dates (for CMC)

Feb 10-21, 2025

EXAMINATION DATES

Biomedical Subject Committees (BSC)

Final Examination Week

May 13, 2025

Retake Examination Week

June 13, 2025

Clinical Medicine and Professional Skills (CMPS)

Final Examination Week

May 14, 2025

Retake Examination Week

June 16, 2025

YEAR IV

Group A		Dates
MED 407	Transition to Clinical Clerkship (TCC)	26.08.2024-20.09.2024
MED 401	Internal Medicine	23.09.2024-29.11.2024
MED 403	Pediatrics	02.12.2024-07.02.2025
MED 405	Cardiovascular Medicine	24.02.2025-21.03.2025
MED 404	Obstetrics and Gynecology	24.03.2025-02.05.2025
MED 406	Surgery	05.05.2025-13.06.2025
MED 4001	Electives for Surgical Sciences (ESS)	16.06.2025-27.06.2025
Group B		Dates
MED 407	Transition to Clinical Clerkship (TCC)	26.08.2024-20.09.2024
MED 403	Pediatrics	23.09.2024-29.11.2024
MED 401	Internal Medicine	02.12.2024-07.02.2025
MED 406	Surgery	24.02.2025-04.04.2025
MED 4001	Electives for Surgical Sciences (ESS)	07.04.2025-18.04.2025
MED 405	Cardiovascular Medicine	21.04.2025-16.05.2025
MED 404	Obstetrics and Gynecology	19.05.2025-27.06.2025
Group C		Dates
MED 407	Transition to Clinical Clerkship (TCC)	26.08.2024-20.09.2024
MED 404	Obstetrics and Gynecology	23.09.2024-01.11.2024
MED 405	Cardiovascular Medicine	04.11.2024-29.11.2024
MED 406	Surgery	02.12.2024-10.01.2025
MED 4001	Electives for Surgical Sciences (ESS)	13.01.2025-24.01.2025
MED 401	Internal Medicine	10.02.2025-18.04.2025
MED 403	Pediatrics	21.04.2025-27.06.2025
Group D		Dates
MED 407	Transition to Clinical Clerkship (TCC)	26.08.2024-20.09.2024
MED 406	Surgery	23.09.2024-01.11.2024
MED 4001	Electives for Surgical Sciences (ESS)	04.11.2024-15.11.2024
MED 404	Obstetrics and Gynecology	18.11.2024-27.12.2024
MED 405	Cardiovascular Medicine	30.12.2024-24.01.2025
MED 403	Pediatrics	10.02.2025-18.04.2025
MED 401	Internal Medicine	21.04.2025-27.06.2025

YEAR V

Group A		Dates
MED 5000	Elective Clerkship -1	26.08.2024-20.09.2024
MED 508	Orthopedics and Traumatology /Physical Medicine and Rehabilitation	30.09.2024-01.11.2024
MED 501	Neurology	04.11.2024-29.11.2024
MED 502	Neurosurgery	02.12.2024-20.12.2024
MED 506	Dermatology	23.12.2024-10.01.2025
MED 509	Forensic Medicine	13.01.2025-24.01.2025
MED 511	Urology	10.02.2025-28.02.2025
MED 503	Psychiatry	03.03.2025-21.03.2025
MED 505	Ophthalmology	31.03.2025-11.04.2025
MED 504	Otolaryngology Head and Neck Surgery	14.04.2025-02.05.2025
MED 5001	Elective Clerkship - 2	05.05.2025-13.06.2025
Group B		Dates
MED 5000	Elective Clerkship -1	26.08.2024-20.09.2024
MED 504	Otolaryngology Head and Neck Surgery	23.09.2024-11.10.2024
MED 506	Dermatology	14.10.2024-01.11.2024
MED 511	Urology	04.11.2024-22.11.2024
MED 505	Ophthalmology	25.11.2024-06.12.2024
MED 508	Orthopedics and Traumatology /Physical Medicine and Rehabilitation	09.12.2024-10.01.2025
MED 509	Forensic Medicine	13.01.2025-24.01.2025
MED 501	Neurology	10.02.2025-07.03.2025
MED 502	Neurosurgery	10.03.2025-28.03.2025
MED 503	Psychiatry	31.03.2025-18.04.2025
MED 5001	Elective Clerkship - 2	05.05.2025-13.06.2025
Group C		Dates
MED 5000	Elective Clerkship -1	26.08.2024-20.09.2024
MED 511	Urology	23.09.2024-11.10.2024
MED 504	Otolaryngology Head and Neck Surgery	14.10.2024-01.11.2024
MED 503	Psychiatry	04.11.2024-22.11.2024
MED 506	Dermatology	25.11.2024-13.12.2024
MED 505	Ophthalmology	16.12.2024-27.12.2024
MED 509	Forensic Medicine	12.01.2025-24.01.2025
MED 508	Orthopedics and Traumatology /Physical Medicine and Rehabilitation	10.02.2025-14.03.2025
MED 501	Neurology	17.03.2025-11.04.2025
MED 502	Neurosurgery	11.04.2025-02.05.2025
MED 5001	Elective Clerkship - 2	04.05.2025-13.06.2025

Group D		Dates
MED 508	Orthopedics and Traumatology /Physical Medicine and Rehabilitation	26.08.2024-27.09.2024
MED 505	Ophthalmology	30.09.2024-11.10.2024
MED 503	Psychiatry	14.10.2024-01.11.2024
MED 504	Otolaryngology Head and Neck Surgery	04.11.2024-22.11.2024
MED 511	Urology	25.11.2024-13.12.2024
MED 501	Neurology	16.12.2024-10.01.2025
MED 509	Forensic Medicine	27.01.2025-07.02.2025
MED 502	Neurosurgery	10.02.2025-28.02.2025
MED 506	Dermatology	03.03.2025-21.03.2025
MED 5000	Elective Clerkship -1	07.04.2025-02.05.2025
MED 5001	Elective Clerkship - 2	05.05.2025-13.06.2025
Group E		Dates
MED 501	Neurology	26.08.2024-20.09.2024
MED 502	Neurosurgery	23.09.2024-11.10.2024
MED 511	Urology	14.10.2024-01.11.2024
MED 508	Orthopedics and Traumatology /Physical Medicine and Rehabilitation	04.11.2024-06.12.2024
MED 503	Psychiatry	09.12.2024-27.12.2024
MED 505	Ophthalmology	30.12.2024-10.01.2025
MED 509	Forensic Medicine	27.01.2025-07.02.2025
MED 506	Dermatology	10.02.2025-28.02.2025
MED 504	Otolaryngology Head and Neck Surgery	03.03.2025-21.03.2025
MED 5000	Elective Clerkship -1	07.04.2025-02.05.2025
MED 5001	Elective Clerkship - 2	05.05.2025-13.06.2025
Group F		Dates
MED 511	Urology	26.08.2024-19.09.2024
MED 506	Dermatology	16.09.2024-04.10.2024
MED 501	Neurology	07.10.2024-01.11.2024
MED 502	Neurosurgery	04.11.2024-22.11.2024
MED 504	Otolaryngology Head and Neck Surgery	25.11.2024-13.12.2024
MED 5000	Elective Clerkship -1	16.12.2024-10.01.2025
MED 509	Forensic Medicine	27.01.2025-07.02.2025
MED 503	Psychiatry	10.02.2025-28.02.2025
MED 505	Ophthalmology	03.03.2025-14.03.2025
MED 508	Orthopedics and Traumatology /Physical Medicine and Rehabilitation	17.03.2025-18.04.2025
MED 5001	Elective Clerkship - 2	05.05.2025-13.06.2025

YEAR VI

Group A		Dates
MED 604	Obstetrics and Gynecology	01.07.2024-28.07.2024
MED 608	Simulated Clinical Practice	29.07.2024-04.08.2024
MED 603	Pediatrics	05.08.2024-29.09.2024
MED 606	Community Health and Primary Care	30.09.2024-24.11.2024
MED 607	Emergency Medicine	25.11.2024-19.01.2025
MED 605	Psychiatry	20.01.2025-09.02.2025
MED 602	General Surgery	10.02.2025-09.03.2025
MED 601	Internal Medicine	10.03.2025-04.05.2025
MED 6001	Elective Internship-1	05.05.2025-01.06.2025
MED 6002	Elective Internship -2	02.06.2025-29.06.2025

Group B		Dates
MED 605	Psychiatry	01.07.2024-21.07.2024
MED 608	Simulated Clinical Practice	22.07.2024-28.07.2024
MED 606	Community Health and Primary Care	29.07.2024-22.09.2024
MED 604	Obstetrics and Gynecology	23.09.2024-20.10.2024
MED 603	Pediatrics	21.10.2024-15.12.2024
MED 601	Internal Medicine	16.12.2024-09.02.2025
MED 607	Emergency Medicine	10.02.2025-06.04.2025
MED 602	General Surgery	07.04.2025-04.05.2025
MED 6001	Elective Internship-1	05.05.2025-01.06.2025
MED 6002	Elective Internship -2	02.06.2025-29.06.2025

Group C		Dates
MED 608	Simulated Clinical Practice	01.07.2024-07.07.2024
MED 607	Emergency Medicine	08.07.2024-01.09.2024
MED 602	General Surgery	02.09.2024-29.09.2024
MED 601	Internal Medicine	30.09.2024-24.11.2024
MED 604	Obstetrics and Gynecology	25.11.2024-22.12.2024
MED 605	Psychiatry	23.12.2024-12.01.2025
MED 603	Pediatrics	13.01.2025-09.03.2025
MED 606	Community Health and Primary Care	10.03.2025-04.05.2025
MED 6001	Elective Internship-1	05.05.2025-01.06.2025
MED 6002	Elective Internship -2	02.06.2025-29.06.2025

Group D		Dates
MED 601	Internal Medicine	01.07.2024-25.08.2024
MED 604	Obstetrics and Gynecology	26.08.2024-22.09.2024
MED 608	Simulated Clinical Practice	23.09.2024-29.09.2024
MED 607	Emergency Medicine	30.09.2024-24.11.2024
MED 602	General Surgery	25.11.2024-22.12.2024
MED 606	Community Health and Primary Care	23.12.2024-16.02.2025
MED 605	Psychiatry	17.02.2025-09.03.2025
MED 603	Pediatrics	10.03.2025-04.05.2025
MED 6001	Elective Internship-1	05.05.2025-01.06.2025
MED 6002	Elective Internship -2	02.06.2025-29.06.2025

SCHOOL OF MEDICINE

EXAM

DATES

2024-2025



ACIBADEM

**MEHMET ALI AYDINLAR
UNIVERSITY**

ACU 2024-2025 FALL SEMESTER EXAM DATES

YEAR I			YEAR II			YEAR III		
EXAM	DATES	HOURS	EXAM	DATES	HOURS	EXAM	DATES	HOURS
MED 115 Theoretical Examination I	16.10.2024	11:00 - 12:30	MED 213 Practical Examination I	15.11.2024	10:10-11:40	MED 313 Practical Examination	31.10.2024	11:00-12:30
MED 115 Histology Lab Examination	20.11.2024	11:00 - 12:30	MED 213 Theoretical Examination I	15.11.2024	14:20-15:50	MED 313 Theoretical Examination	1.11.2024	10:10-11:40
MED 115 Theoretical Examination II	20.11.2024	14:20 - 15:50	MED 213 Practical Examination II	13.12.2024	11:00-12:30	MED 311 Theoretical Examination I	25.11.2024	14:20-15:50
MED 117 Theoretical Examination I	23.12.2024	11:00 - 12:30	MED 213 Theoretical Examination II	13.12.2024	14:20-15:50	MED 311 Theoretical Examination II	13.12.2024	10:10-11:40
MED 117 Theoretical Examination II	28.01.2025	11:00 - 12:30	MED 211 Practical Examination	29.01.2025	14:20-15:50	MED 315 Theoretical Examination I	10.01.2025	11:00-12:30
MED 136 Biostatistics Midterm Exam	14.11.2024	13:30 - 15:50	MED 211 Theoretical Examination	31.01.2025	11:00-12:30	MED 315 Theoretical Examination II	31.01.2025	14:20-15:50
MED 135 Medical English Midterm Exam	15.11.2024	10:10 - 11:40	MED 233 Medical English III Midterm Exam	12.11.2024	13:30-15:50			
MED 124 CMPS/ME&H-I	12.12.2024	11:50 - 12:30	MED 221 CMPS/RinH-II	3.12.2024	11:50-12:30			
MED 136 Biostatistics Final Examination	23.01.2025	13:30 - 15:50	MED 233 Medical English III Final Exam	21.01.2025	13:30-15:00			
MED 135 Medical English Final Exam	24.01.2025	09:20 - 11:40						
MED 121 CMPS/RinH-I	30.01.2025	11:50 - 12:30						

ACU 2024-2025 SPRING SEMESTER EXAM DATES

YEAR I			YEAR II			YEAR III		
EXAM	DATES	HOURS	EXAM	DATES	HOURS	EXAM	DATES	HOURS
MED 118 Theoretical Examination I	26.03.2025	11:00-12:30	MED 212 Practical Examination I	24.03.2025	10:10-11:40	MED 312 Theoretical Examination I	11.03.2025	13:30-15:00
MED 118 Theoretical Examination II	30.04.2025	10:10-11:40	MED 212 Theoretical Examination I	24.03.2025	14:20-15:50	MED 312 Theoretical Examination II	17.04.2025	11:00-12:30
MED 118 Theoretical Examination III	11.06.2025	11:00-12:30	MED 212 Theoretical Examination II	8.05.2025	13:30-15:00	MED 323 CMPS/H&S-II	16.04.2025	11:50-12:30
MED 137 Bioinformatics-Midterm exam	27.03.2025	13:30-15:50	MED 214 Theoretical Examination	13.06.2025	11:00-12:30			
MED 126 CMPS/H&S-I	10.04.2025	11:00-12:30	MED 234 Medical English IV Midterm Exam	22.04.2025	13:30-15:00	BSC FINAL EXAM	13.05.2025	10:00-16:00
MED 137 Bioinformatics Final Examination	12.06.2025	13:30-15:50	MED 222 CMPS/ME&H-II	13.05.2025	11:50-12:30	BSC RETAKE EXAM	13.06.2025	10:00-16:00
BSC FINAL EXAM	10.07.2025	10:00-16:00	MED 234 Medical English IV Final Exam	17.06.2025	15:10-16.40	CMPS FINAL EXAM	14.05.2025	10:00-16:00
BSC RETAKE EXAM	07.08.2025	10:00-16:00	BSC FINAL EXAM	8.07.2025	10:00-16:00	CMPS RETAKE EXAM	16.06.2025	10:00-16:00
CMPS FINAL EXAM	11.07.2025	10:00-16:00	BSC RETAKE EXAM	5.08.2025	10:00-16:00			
CMPS RETAKE EXAM	08.08.2025	10:00-16:00	CMPS FINAL EXAM	9.07.2025	10:00-16:00			
			CMPS RETAKE EXAM	06.08.2025	10:00-16:00			

YEAR

I



ACIBADEM
MEHMET ALI AYDINLAR
UNIVERSITY

YEAR I - COURSES (2024-2025)

COURSE CATEGORY	COURSE CODE	COURSE NAME	Theoretical Hours			Practical Hours				Instructional Time	Study Time	TOTAL (Student work-load)	National Credits	ECTS
			Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice					
Integrated Medical Courses	MED 115	Molecular and Cellular Medicine -I	74	14	88	16				104	45	149	6	6
	MED 117	Molecular and Cellular Medicine -II	91	14	105	8				113	88	201	7	7
	MED 118	Blood and Immunity	118	15	133	8				141	168	309	10	11
	BSC 1	TOTAL	283	43	326	32				358	301	659	23	24
Clinical Medicine and Professional Skills (CMPS) Program	MED 121	Research in Health-I	12	7	19					19	30	49	2	2
	MED 124	Medical Ethics and Humanities-I	30	0	30					30	36	66	2	2
	MED 126	Health and Society-I	19	7	26		5			31	62	93	2	3
	MED 127	Communication Skills	19	10	29			8		37	56	93	3	3
	CMPS 1	TOTAL	80	24	104	5	5	8		117	184	301	9	10
Complementary Medical Courses (CMC)	MED 136	Biostatistics	28	0	28	14				42	23	65	2	2
	MED 137	Bioinformatics	28	0	28	14				42	23	65	2	2
	MED 135	Medical English	28	14	42	0				42	42	98	3	4
Common Courses (CC)	EMED 101	Electives in Medicine-I	7	14	21	14	14			49	60	109	2	4
	ATA 101	Atatürk Principles and History of Revolution-I	21	7	28					28	13	41	2	2
	ATA 102	Atatürk Principles and History of Revolution-II	21	7	28					28	13	41	2	2
	TUR 101	Turkish Language and Literature-I	28		28					28	13	41	2	2
	TUR 102	Turkish Language and Literature-II	28		28					28	13	41	2	2
	ACU 1001	Elective Course-I	28		28					28	39	67	2	3
ACU 1002	Elective Course-II	28		28					28	39	67	2	3	
TOTAL			608	109	717	74	19	8	0	818	763	1595	53	60

SCLA: Student Centered Learning Activities (Problem-Based Learning (PBL), Team Based learning (TBL), Case Based Learning (CBL), Flipped Classroom, Workshops.)

Field Study: Site visits, Studies in the community, Working in primary care.

Lab Study: Practices in Basic Science and Computer Labs.

Simulated Clinical Practice: Practices in clinical skills labs. (CASE)

Clinical Practice: Bed side, Outpatient clinic, Operation room.

Study Time: Self Directed Learning, Preparation.

Course Name	Molecular and Cellular Medicine-I	MED 115
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	30.09.2024 – 22.11.2024

Theoretical Hours	88	Credit 6	ECTS 6
Practical Hours	16		
Study Hours	45		
TOTAL HOURS	149		

BSC Coordinators

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology&Embryology
merve.elmas@acibadem.edu.tr

Özkan ÖZDEMİR
Ph.D.Genome Studies
ozkan.ozdemir@acibadem.edu.tr

Course Lectures

Serap ARBAK

Ph.D., Prof. Histology & Embryology

Deniz YÜCEL

Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS

Ph.D., Assist. Prof. Histology & Embryology

Yeşim Işıl ÜLMAN

Ph.D., Prof. History of Medicine and Ethics

Fatih ARTVINLİ

Ph.D., Assoc. Prof. History of Medicine and Ethics

Fehime BENLİ AKSUNGAR

M.D., Prof. Medical Biochemistry

Beki KAN

Ph.D., Prof. Biophysics

Ceren RASİMOĞLU

Ph.D., Assist. Prof. History of Medicine and Ethic

Emel TİMUÇİN

M.D., Prof. Biostatistics And Medical Informatics

Abdurrahman COŞKUN

M.D., Prof. Medical Biochemistry

Ahmet Tarık BAYKAL

Ph.D., Assoc. Prof. Medical Biochemistry

Özden HATIRNAZ NG

Ph.D., Prof. Medical Biology

Cemaliye AKYERLİ BOYLU

Ph.D., Assoc. Prof. Medical Biology

Yasemin ALANAY

M.D., Ph.D., Prof. Pediatrics

Özlem AKGÜN DOĞAN

M.D., Assoc. Prof. Pediatrics

Özkan ÖZDEMİR

Ph.D., Genome Studies

Kaya BİLGUVAR

M.D., Ph.D. Medical Genetic

İlker KAYI*

M.D., Assist. Prof.

Zeynep DURER

Ph.D., Assoc. Prof. Biophysics

Pınar TOPSEVER

M.D., Prof. Family Medicine

Figen DEMİR

M.D., Assoc. Prof. Public Health

Melike ŞAHİNİR

M.D., Assoc. Prof. Medical Education

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

Cem SUNGUR

Instructor Medical Education

Ürün ÖZER AĞIRBAŞ

M.D. Assoc. Prof. Psychiatry

Pınar MEGA TİBER*

M.D., Prof. Biophysics

*Visiting Professor

Educational Methods

Lectures, Panels and Lab Study

Course Aims

The aim of this subject committee is to provide knowledge about molecular structures that constitute the basis of life, explain normal structure and function of a cell, cell types and basic tissues, define DNA, chromosomes and basis of heredity, and relate the genetic diseases with clinical knowledge.

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Define inorganic, organic evolution and emergence of living things.
2. Define atom, molecule and matter, classify chemical bonds, define the measurements commonly used in biological sciences, comprehend basis of analytical chemistry and related calculations, and explain chemical reactions.
3. Describe the structure and functions of nucleic acids, carbohydrates, amino acids, proteins and lipids and define their importance lipids.
4. Define the structure and function of prokaryotic and eukaryotic cells.
5. Define cell and cell types, organelles and their functions, observe cell types and structure using microscope.
6. Describe the structure and function of DNA, principles of DNA packaging, chromatin structure, replication, DNA repair and recombination.
7. Describe the chromosome structure, and explain its relation with clinical cytogenetics.
8. Explain cell cycle, cell division and cell death.
9. Explain the concept of central dogma, describe the flow of genetic information, define the transcription, translation and control of gene expression.
10. Explain the structure and function of gene, nuclear and mitochondrial genome, define define types of mutations and polymorphisms and epigenetic mechanisms.
11. Explain the Mendelian Genetics and its laws, define Mendelian and Non-Mendelain inheritance patterns and the principles of population genetic.
12. Explain the basis of genetic diseases and hereditary multifactorial diseases with examples, define the genetic basis of cancer, explain developmental genetics.
13. Discuss the outcomes of human genome project and personalized medicine, and explain the current approaches for the treatment of genetic diseases.
14. Define the molecular biology and diagnostic tools, acquire basic laboratory skills and perform DNA isolation, agorose gel electrophoresis and nucleic acid amplification experiments.
15. Explain the histological features of basic tissues such as epithelial, connective tissue and skin and examine these tissues by light microscopy.

Assessment Methods

Theoretical and Practical Examinations

Course Name	Molecular and Cellular Medicine-II	MED 117
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	25.11.2024 - 31.01.2025

Theoretical Hours	105	Credit 7	ECTS 7
Practical Hours	8		
Study Hours	88		
TOTAL HOURS	201		

Course Chairs

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology&Embryology
merve.elmas@acibadem.edu.tr

Özkan ÖZDEMİR
Ph.D. Genome Studies
ozkan.ozdemir@acibadem.edu.tr

Course Lectures

Beki KAN
Ph.D., Prof. Biophysics

Devrim ÖZ ARSLAN
Ph.D., Assoc. Prof. Biophysics

Zeynep DURER
Ph.D., Assoc. Prof. Biophysics

Yeşim Işıl ÜLMAN
Ph.D., Prof. History of Medicine and Ethics

Fatih ARTVINLİ
Ph.D., Assoc. Prof. History of Medicine and Ethics

Ceren RASİMOĞLU
Ph.D., Assist. Prof. History of Medicine and Ethics

Emel TİMUÇİN
M.D., Prof. Biostatistics And Medical Informatics

Serap ARBAK
Ph.D., Prof. Histology & Embryology

Deniz YÜCEL
Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology & Embryology

Aysel ÖZPINAR
D.V.M. Ph.D., Prof. Medical Biochemistry

Abdurrahman COŞKUN
M.D., Prof. Medical Biochemistry

Fehime AKSUNGAR
M.D., Prof. Medical Biochemistry

Ahmet Tarık BAYKAL
Ph.D., Assoc. Prof. Medical Biochemistry

Levent ALTINTAŞ
M.D., Assoc. Prof. Medical Education

Mehmet ERGEN
D.V.M. Ph.D., Assist. Prof. Physiology

Pınar TOPSEVER
M.D., Prof. Family Medicine

Figen DEMİR
M.D., Assoc. Prof. Public Health

Sema GENÇ*
M.D., Prof. Medical Biochemistry

Pınar MEGA TİBER*
M.D., Prof. Biophysics

*Visiting Professor

*Affiliated Faculty

Educational Methods	Lectures, Panels, Group Discussions and Lab Study
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Course Aims

The aim of this subject committee is to provide knowledge about the structure and functions of cell membrane, signal transduction, bioenergetics and metabolism of cell, and define the early stages of embryonic development.

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Explain structure and function of cell membrane.
2. List and explain the transport processes through cell membrane.
3. Explain the concept of homeostasis and characteristics of body fluids.
4. Describe the basic intercellular signaling mechanisms and explain cellular signal transduction.
5. Define the electrical dynamics of a cell, cell membrane potential and action potential in excitable Tissues.
6. Define the basic physical concepts regarding cell membrane and signal transduction.
7. Explain the laws of thermodynamics and define concepts of enthalpy, entropy, free energy.
8. Explain the high energy metabolites and their biological reactions, and energetics of electron transport chain.
9. Explain the structure, functions and kinetics of enzymes.
10. Explain the metabolic pathways: Glycolysis, gluconeogenesis, glycogenesis, glycogenolysis, TCA cycle, oxidative phosphorylation and electron transport chain.
11. Explain the metabolism of nucleic acids, amino acids, proteins and lipids, and the metabolic effects of vitamins and micronutrients.
12. Explain the formation of human gametes, stages of fertilization, formation of zygote and blastocyst, and implantation.
13. Explain the early stages of embryonic development, formation of bilaminar and trilaminar embryonic disc, neurulation and early development of organ systems.
14. Explain the extra-embryonic structures, describe the properties and types of stem cells.

Assessment Methods	Theoretical Examinations and Performance Assessment
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Course Name	Blood and Immunity	MED 118
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	17.02.2025 – 11.06.2025

Theoretical Hours	133	Credit 10	ECTS 11
Practical Hours	8		
Study Hours	168		
TOTAL HOURS	309		

Course Chairs

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology&Embryology
merve.elmas@acibadem.edu.tr

Özkan ÖZDEMİR
Ph.D.Genome Studies
ozkan.ozdemir@acibadem.edu.tr

Course Lectures

Beki KAN
Ph.D., Prof. Biophysics

Devrim ÖZ ARSLAN
Ph.D., Assoc. Prof. Biophysics

Pınar TOPSEVER
M.D., Prof. Family Medicine

Efe ONGANER
M.D., Assist. Prof. Family Medicine

Demet DİNÇ
M.D., Instructor Family Medicine

Şirin PARKAN
M.D., Instructor Family Medicine

Serap ARBAK
Ph.D., Prof. Histology & Embryology

Deniz YÜCEL
Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology & Embryology

Figen DEMİR
M.D., Assoc., Prof. Public Health

Mustafa SERTESER
M.D., Prof. Medical Biochemistry

Abdurrahman COŞKUN
M.D., Prof. Medical Biochemistry

Ahmet Tarık BAYKAL
Ph.D., Assoc. Prof. Medical Biochemistry

Cemaliye AKYERLİ BOYLU
Ph.D., Assoc. Prof. Medical Biology

Tanıl KOCAGÖZ
M.D., Ph.D., Prof. Medical Microbiology

Özgür KURT
M.D., Prof. Medical Microbiology

Neval YURTTUTAN UYAR
M.D., Assist. Prof. Medical Microbiology

Sinem ÖKTEM OKULLU
Ph.D., Assist. Prof. Medical Microbiology

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof. Medical Education

Levent ALTINTAŞ
M.D., Assoc. Prof. Medical Education

İnci USER
PhD., Prof. Faculty of Arts and Sciences-
Sociology

İlkser AKPOLAT
M.D., Prof. Pathology

Cüyan DEMİRKESEN
M.D., Prof. Pathology

Asiye Işın DOĞAN EKİCİ
M.D., Prof. Pathology

Nuray BAŞSÜLLÜ*
M.D., Assoc. Prof. Pathology

Yeşim SAĞLICAN
M.D., Assoc. Prof. Pathology

Sibel ERDAMAR ÇETİN
M.D., Prof. Pathology

Fatma DEMİR YENİGÜRBÜZ
M.D., Assist. Prof. Pediatrics

Hande YAPIŞLAR
Ph.D., Assoc. Prof. Physiology

Melike ŞAHİNER
M.D., Assoc. Prof. Medical Education

Ant UZAY
M.D., Assist. Prof. Hematology

Sema GENÇ*
M.D., Prof. Medical Biochemistry

*Affiliated Faculty

Yeřim YASİN

M.A., MsC., Ph.D., Assoc. Prof. Public Health

Nilay PEKEL ULUDAĐLI

Ph.D., Assoc. Prof. Psychology

Rezzan GÜLHAN*

M.D., Prof. Medical Pharmacology

Uđur SEZERMAN

M.D., Prof. Biostatistics and Medical Informatics

Ender CESUR

M.D., Assist. Prof. Psychiatry

Nalan NEŐE

M.D., Prof. Medical Pathology

Burçin BEKEN

M.D., Assoc. Prof. Pediatric Allergy

Filiz ONAT

M.D., Prof. Medical Pharmacology

Meltem KİLERCİK

M.D., Prof. Medical Biochemistry

Pelin YILDIZ*

M.D., Assoc. Prof. Medical Pathology

Meltem AYAAŐ*

Insturacter Medical Laboratory Techniques

Bernis SÜTÇÜBAŐI*

Ph.D., Assist. Prof. Psychology

Metin CEVİZCİ

Faculty of Arts and Sciences-Sociology

Meltem KOLGAZİ

M.D., Assoc. Prof. Psychology

Ümit İNCE

M.D., Assoc. Prof. Medical Pathology

Ekin DÖNGEL*

Insturacter Medical Laboratory Techniques

***Visiting Professor**

Educational Methods	Lectures, Lab Study, Problem Based Learning and Team Based Learning Sessions
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Course Aims

The aim of this subject committee is to provide knowledge about normal structure and function of blood and immune system including their pathological changes and relate these changes with index diseases and clinical knowledge.

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Explain the general features of blood
2. Defines the steps of hematopoiesis and explain the structural properties of cells in each stage
3. Explains the structure and pathology of bone marrow and lymphoid organs
4. Explains the functions of erythrocytes and their pathological changes
5. Explains the functions of leukocytes and their pathological changes
6. Explains the functions of thrombocytes and their pathological changes
7. Explains the processes of hemostasis
8. Describes the structure and properties of the immune system and pathological changes
9. Explains pharmacological approaches related to pathological changes of the hematopoietic system
10. Relates the mechanisms of deterioration in the normal structure and function of the hematopoietic system with basic diseases and clinical conditions
11. distinguish types, sources and hazards of radiation
12. classify sterilization and disinfection procedures
13. be able to define pathological response to tissue and cell injury, mechanisms of tissue repair
14. comprehend microbial metabolism and their pathogenesis in cells and tissues
15. define the molecular basis and pathology of neoplasia
16. describe the main properties of microorganisms, their types and related diagnostic features
17. Explains the development and structure of lymphatic organs
18. Explains the immune and autoimmune response
19. Define the molecular basis of cancer, oncogenes and tumor suppressor genes, carcinogenesis and explain cancer epidemiology, ethiology and prevention
20. Explains Neoplasia, tumor marks and apoptosis
21. Describes the structure and properties of the immune system and pathological changes
22. Explains pharmacological approaches related to pathological changes of the hematopoietic system
23. Explain laboratory safety procedures
24. Explains nonmalignant changes of the hematopoietic system

Assessment Methods	Theoretical and Practical Examinations, Active Attendance / Performance Assessment
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Course Name	Research in Health - I	MED 121
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	19.12.2024 – 30.01.2025

Theoretical Hours	19	Credit 2	ECTS 2
Practical Hours	0		
Study Hours	30		
TOTAL HOURS	49		

Course Chairs

Figen DEMİR
M.D., Assoc. Prof. Public Health
figen.demir@acibadem.edu.tr

Faculty

Pınar TOPSEVER
M.D., Prof. Family Medicine

Fatih ARTVİNLİ
Ph.D., Assist. Prof. History of Medicine and Ethics

Figen DEMİR
M.D., Assoc. Prof. Public Health

Educational Methods	Theoretical and practical sessions, case studies, team based learning (TBL)
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Course Aims

The aim of this course is to create a learning opportunity for students to develop scientific thinking skills and to introduce the students to medical research methodology

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Distinguish between scientific philosophy and philosophy of science
2. Explain the evolution of scientific thinking
3. Describe fundamentals of scientific research and characteristics of scientific thinking methodology
4. Discuss the scientific reasoning and the methodological framework in a medical research
5. Describe the epidemiology and its context
6. Analyse the key criteria to assess if a relationship is causal
7. Discuss the meaning of research integrity
8. Define plagiarism

Assessment Methods	Written examination, case analyses, individual and group (IRAT&GRAT) readiness assessment test, group working in class
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Course Name	Medical Ethics and Humanities- I	MED 124
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	03.10.2024 – 12.12.2024

Theoretical Hours	30	Credit 2	ECTS 2
Practical Hours	-		
Study Hours	36		
TOTAL HOURS	66		

Course Chairs

Yeşim Işıl ÜLMAN

Ph.D., Prof. History of Medicine and Ethics
yesim.ulman@acibadem.edu.tr

Faculty

Yeşim Işıl ÜLMAN

Ph.D., Prof. History of Medicine and Ethics

Fatih ARTVİNLİ

PhD., Assoc. Prof. History of Medicine and Ethics

Pınar TOPSEVER

M.D., Prof. Family Medicine

Yeşim YAŞIN

M.A, MSc. Ph.D., Assoc. Prof. Public Health

İlker KAYI

M.D., Assist. Prof.

Educational Methods	Lectures, discussions, case studies
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Course Aims

This course aims to;

Create a learning opportunity for students:

- Comprehend the universal principles of human rights and the right to health
- Be aware of the relation with human rights and human dignity
- Understand the historical process of the evolution of contemporary medicine
develop an awareness about her/his role as a physician

Learning Outcomes

By the end of this course, the students will be able to:

- Aware of the evolution of medical practice by reviewing concepts and principles of philosophy of medicine
- Be familiar with the concept of bioethics and medical ethics
- Apply ethical discourse and methodology to a medical context
- Analyse the relationship between perception about physicians and the role of physicians in the community
- Identify the characteristics of the doctor patient relationship concerning its ambivalent and asymmetrical features
- Identify the role and functions of physicians in health care throughout the ages
- Explain the historical milestones of the evolution of medicine such as:
 - Hippocratic secular approach,
 - Establishment of first medical schools,
 - Progress of physical diagnosis,
 - The emergence of public health,
 - Development of the scientific method and its impact on modern medicine

Assessment Methods	Written examination, case analysis
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Course Name	Health and Society - I	MED 126
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	15.02.2025-10.04.2025

Theoretical Hours	26	Credit 2	ECTS 3
Practical Hours	5		
Study Hours	62		
TOTAL HOURS	93		

Course Chairs

Yeşim YASİN
M.A, MSc. Ph.D., Assoc. Prof. Public Health
yesim.yasin@acibadem.edu.tr

Faculty

Pınar TOPSEVER
M.D., Prof. Family Medicine

Yeşim YASİN
M.A, MSc. Ph.D., Assoc. Prof. Public Health

İnci USER
*PhD., Prof. Faculty of Arts and
Sciences-Sociology*

Figen DEMİR
M.D., Assoc. Prof. Public Health

Educational Methods	Site visits, group assignments, group presentations and discussions, reflective and peer group learning experiences, problem based learning, interactive lectures and self-directed learning sessions, focus group discussion.
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Course Aims

The aim of this course is to

- Introduce the students to the social, cultural economic and political factors of health and illness and to acquaint them with the primary health care system in Turkey.

Learning Outcomes

By the end of this course, the students will be able to:

- Discuss sociological concepts of health, illness, sickness and disease
 - Identify the differences between illness, disease and sickness
 - Compare and contrast the medical concept of disease with individual and/or community perceptions and explanations of health and illness/disease
- Explain the impact of medicine upon society
 - Labelling and stigmatization
 - Medicalization
- Explain the changing patterns of disease and health care throughout history and across cultures
- Explain the social determinants of health and illness
 - Compare and contrast the theories of disease causation
 - Define the socio demographic factors of health and illness
- Explain health issues in a global context
- Discuss the issue of social inequalities in health
- Explain the principle of equity in health care
- Explain the basic structure of the health care system in Turkey
- Make a field observation about the practice of primary health care
- To understand patient's perspective on individual disease experience through narratives

Assessment Methods	Written examination, log-books, standardized evaluation of group presentations of assignments and projects, case studies.
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Course Name	Communication Skills	MED 127
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I /Fall-Spring
Course Dates	17.02.2025 – 10.04.2025

Theoretical Hours	29	Credit 3	ECTS 3
Practical Hours	8		
Study Hours	56		
TOTAL HOURS	93		

Course Chairs

Pınar TOPSEVER
M.D., Prof. Family Medicine
pinar.topsever@acibadem.edu.tr

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof. Medical Education
dilek.kitapcioglu@acibadem.edu.tr

Şirin PARKAN
M.D., Instructor Family Medicine
sirin.parkan@acibadem.edu.tr

Faculty

Pınar TOPSEVER
M.D., Prof. Family Medicine

Melike ŞAHİNER
M.D., Assoc. Prof. Medical Education

Levent ALTINTAŞ
M.D., Assoc. Prof. Medical Education

Şirin PARKAN
M.D., Instructor Family Medicine

Figen DEMİR
M.D., Assoc. Prof. Public Health

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof. Medical Education

Demet DİNÇ
M.D., Instructor Family Medicine

Bernis SÜTÇÜBAŞI*
Ph.D., Assist. Prof. Psychology

*Visiting Professor

Educational Methods	Theoretical and practical sessions, drama, role playing, peer discussions, experiential learning and seminars, case studies and group presentations, skills training with task trainers and on models
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Course Aims

The aim of this course is to provide provide necessary knowledge and skills about;

- Basic life support and first aid
- Concept of communication
- Effective communication and its clinical competence
- Developing a sense of self awareness and respect for other individuals by empathy
- The necessity for a patient centred approach
- Decontamination, disinfection and handwashing

Learning Outcomes

By the end of this course, the students will be able to:

- Explain principles of first aid
- Correctly administer basic life support techniques
- Be aware that effective communication is a clinical competence and can be learned
- Explain the concept of communication
- Be aware of the importance of communication skills for “good clinical practice”
- Distinguish different levels of active listening,
- Be self-aware of his/her communication skills
- Value respect for other individuals by empathy
- Be aware of the necessity to display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment
- Be aware of personal ability to accurately perceive own emotions and stay aware of them as they happen.
- Distinguish the real effects and importance of intelligence on his / her life.
- Be aware of the fundamentals of self-management.
- Explain the mechanism of stress.
- Be aware of the negative and positive personal stressors and their effects on daily professional life.
- Be aware of stress management techniques.
- Be aware of the effectiveness and importance of team work in professional life .
- Explain the importance of social awareness, relation management, leadership and motivation in team activities.
- Identify the requirements for effective decontamination, disinfection, handwashing and practice
- Explain the principles of decontamination, disinfection, hand washing practice
- Demonstrate effective decontamination, disinfection, hand washing practices

Assessment Methods	Case analyses, standardized evaluation of projects and performances and group presentations of assignments, during skill training performance based assessment
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Course Name	Medical English	MED 135
Course Category	Complementary Medical Courses	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	-

Theoretical Hours	42	Credit 3	ECTS 4v
Practical Hours	0		
Study Hours	56		
TOTAL HOURS	98		

Course Chairs

Pınar TOPSEVER
M.D., Prof. Family Medicine
pınar.topsever@acibadem.edu.tr

Sesin KOCAGÖZ
M.D., Prof. Infectious Diseases
sesin.kocagoz@acibadem.edu.tr

Faculty

Nafiye Çiğdem AKTEKİN
PhD., Academic English Program Coordinator

Motassem BOWARSHI
Instructor, Foreign Languages

Educational Methods	Theoretical and practical courses: multimedia sessions, role play, peer discussions, plenary sessions with student presentations, lectures, reading and listening comprehension exercises of simple medical conversations and basic texts, analyses of simple medical texts (popular media, general health information leaflets etc.)
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Course Aims

The aim of the course is to support the medical curriculum by providing a linguistic introduction to the use of the English language for professional activities (academic and occupational English) in daily medical practice.

Learning Outcomes

By the end of this course, the students will;

- Demonstrate proficiency in general medical terminology (occupational English) regarding the content of the accompanying medical curriculum
- Analyse and interpret spoken and written basic English medical language and texts (Academic English)
- Actively engage in basic medical discourse (with patients and their carers (laypeople) and colleagues and other health professionals (occupational English))

Assessment Methods	Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations), medical text analysis home works
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Course Name	Biostatistics	MED 136
Course Category	Complementary Medical Course	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I /Fall
Course Dates	

Theoretical Hours	28	Credit 2	ECTS 2
Practical Hours	14		
Study Hours	23		
TOTAL HOURS	65		

Course Chairs**Uğur SEZERMAN***Ph.D., Prof. Biostatistics & Medical Informatics*
ugur.sezerman@acibadem.edu.tr**Faculty****Emel TİMUÇİN***Ph.D., Assoc. Prof. Biostatistics & Medical Informatics*

Educational Methods	Lectures, Presentations, Computer Applications
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Course Aims

The aim of this course is to teach core statistical methods which include descriptive statistics and exploratory methods, hypothesis tests, missing data, sampling methods, and regression methods for continuous and discrete outcomes. Students will also learn to use R programming language through which they will be able to analyze real medical data.

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Formulate scientific hypotheses
2. Apply core statistical methods
3. Conduct hypothesis tests
4. Apply regression methods
5. Use R programming language
6. Analyze real medical data in R

Assessment Methods	Projects, Homeworks and Exams
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Course Name	Bioinformatics	MED 137
Course Category	Complementary Medical Course	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	-

Theoretical Hours	28	Credit 2	ECTS 2
Practical Hours	14		
Study Hours	23		
TOTAL HOURS	65		

Course Chairs

Uğur SEZERMAN

Ph.D., Prof. Biostatistics & Medical Informatics

ugur.sezerman@acibadem.edu.tr

Faculty

UĞUR SEZERMAN

Ph.D., Prof. Biostatistics & Medical Informatics

Educational Methods	Lectures, Presentations, Projects and Applications in Laboratory
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Course Aims

The aim of this course is to provide necessary background for carrying out basic bioinformatics research. It aims to convey algorithmic solutions to core problems in biology and medicine. It also aims to stimulate medical students to look at the common problems they will be dealing with from different perspectives.

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Define impact of mutations
2. Analyze local, semi global and global sequence alignments and interpret the results
3. Perform Fast database search
4. Obtain genome sequences using fragment assembly
5. Design physical mapping of DNA
6. Perform Phylogenetic analysis
7. Build DNA and protein sequence profiles and use them in relation to disease diagnostics
8. Define state of the art bioinformatics databases, tools and servers

Assessment Methods	Projects, Homeworks and Exams
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Course Name	Turkish Language - Literature I & II	TUR 101 TUR 102
Course Category	Common Courses	CC

Course Type	Compulsory
Medium of Instruction	Turkish
Year / Semester	Year I / Fall-Spring
Course Dates	-

Theoretical Hours	56	Credit 4	ECTS 4
Practical Hours	-		
Study Hours	26		
TOTAL HOURS	82		

Course Chairs

HÜLYA DÜNDAR ŞAHİN

Ph.D., Assist. Prof. Turkish Language and Literature
hulya.dundar@acibadem.edu.tr

Faculty

HÜLYA DÜNDAR ŞAHİN

Ph.D., Assist. Prof. Turkish Language and Literature

Educational Methods	Lectures, Reading Assignments, Discussions
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Course Aims

This course aims to gain knowledge about the importance of Turkish language and literature. Impact of language on cultural development will be pointed out. Emphasis is placed on reading, interpreting and discussing selected prose, novels, stories and poetry. Correct use of Turkish will be discussed with examples of narration defects, punctuation, and spelling mistakes.

Learning Outcomes

By the end of this course, the students will be able to:

1. Explain the features of written language
2. Define the rules for written explanation
3. Describe grammar rules
4. Indicate the rules for punctuation
5. Describe the concepts of writing an essay
6. Define the methods to express himself

Assessment Methods	Theoretical Examinations
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YEAR 1 FALL SEMESTER SCHEDULE



30.09.2024 MONDAY

09:00 - 09:30	Introduction to Medical School	Serdar BEKEN
09:30 - 10:00	Introduction Lecture	Yasemin ALANAY
10:10 - 10:50	Introduction to Year I	Merve AÇIKEL ELMAS-Özkan ÖZDEMİR
11:00 - 11:40	Introduction to MED 115 Molecular and Cellular Medicine-I	Merve AÇIKEL ELMAS-Özkan ÖZDEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to Medical English	BOWARSHI, CEZZAROĞLU
14:20 - 15:00	CMPS: Introduction to Clinical Medicine and Professional Skills	TOPSEVER, DEMİR
15:10 - 15:50	Origin of Life	Cemaliye AKYERLİ BOYLU
16:00 - 16:40	Water as a Living Environment	Zeynep DURER
16:50 - 17:30	Elective Course I / Study time	

01.10.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Scientific Measurements and Calculations	Özkan ÖZDEMİR
10:10 - 10:50	Atoms, Molecules and Matter	Beki KAN
11:00 - 11:40	Atoms, Molecules and Matter	Beki KAN
11:50 - 12:30	Chemical Bonds and Reactions	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Gases, Liquids and Solids	Beki KAN
14:20 - 15:00	Acids and Bases	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

02.10.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Organic Functional Groups in Medicine	Ahmet Tarık BAYKAL
10:10 - 10:50	Organic Functional Groups in Medicine	Ahmet Tarık BAYKAL
11:00 - 11:40	Structure of Nucleic Acids	Ahmet Tarık BAYKAL
11:50 - 12:30	Orientation Programme: How to be a Med Student in 2024 / Orientation Program: Student Based Learning and Communication in Academic Environment	Levent ALTINTAŞ - Melike ŞAHİNER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Structure of Amino Acids	Abdurrahman COŞKUN
14:20 - 15:00	Structure of Amino Acids	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

03.10.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H-1: Introduction to Being a Doctor	ÜLMAN, ARTVİNLİ,RASİMOĞLU
10:10 - 10:50	CMPS/ME&H-1: Introduction to Being a Doctor	ÜLMAN, ARTVİNLİ,RASİMOĞLU
11:00 - 11:40	CMPS/ME&H-1: Introduction to History of Medicine	Yeşim IŞIL ÜLMAN
11:50 - 12:30	CMPS/ME&H-1: Medicine at the Bedside	Yeşim IŞIL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics-Descriptive Statistics	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics-Descriptive Statistics	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics-Descriptive Statistics	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.10.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Orientation Programme: Meeting with International Student Club	International Student Club
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

07.10.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Tree of Life and Evolution	Cemaliye AKYERLİ BOYLU
10:10 - 10:50	Tree of Life and Evolution	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	Protein Structure and Function	Abdurrahman COŞKUN
11:50 - 12:30	Protein Structure and Function	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Carbohydrate Structure and Function	Fehime AKSUNGAR
14:20 - 15:00	Concept of cell: Prokaryotes, Eukaryotes and Multicellular Life	Özkan ÖZDEMİR
15:10 - 15:50	Orientation Program: How to use online Education Systems	Education Technologies
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.10.2024 TUESDAY

08:30 - 09:10	Structure of Lipids	Ahmet Tarık BAYKAL
09:20 - 10:00	Structure of Lipids	Ahmet Tarık BAYKAL
10:10 - 10:50	Cell organelles and inclusions at light and electron microscopic level	Serap ARBAK
11:00 - 11:40	Cell organelles and inclusions at light and electron microscopic level	Serap ARBAK
11:50 - 12:30	Cell organelles and inclusions at light and electron microscopic level	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Structure and Function of DNA	Özden HATIRNAZ NG
14:20 - 15:00	DNA Packaging and Chromatin Structure and 3 D genome	Özkan ÖZDEMİR
15:10 - 15:50	DNA Replication	Özden HATIRNAZ NG
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.10.2024 WEDNESDAY

08:30 - 09:10	Orientation Programme: Mentorship Programm	Cemaliye AKYERLİ BOYLU
09:20 - 10:00	DNA Repair and Recombination	Özden HATIRNAZ NG
10:10 - 10:50	DNA Repair and Recombination	Özden HATIRNAZ NG
11:00 - 11:40	Chromosome Structure	Özden HATIRNAZ NG
11:50 - 12:30	Cell Cycle	Cemaliye AKYERLİ BOYLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Nucleus	Deniz YÜCEL
14:20 - 15:00	Transmission of the Genome: Cell Division	Cemaliye AKYERLİ BOYLU
15:10 - 15:50	Medical Relevance of Mitosis and Meiosis	Özden HATIRNAZ NG
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.10.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Orientation Program: Social and psychological support	Ürün ÖZER AĞIRBAŞ
10:10 - 10:50	CMPS/ME&H-1:Medicine in the Library, Medieval and Renaissance Medicine	Ceren RASIMOĞLU
11:00 - 11:40	CMPS/ME&H-1:Medicine in the Library, Medieval and Renaissance Medicine	Ceren RASIMOĞLU
11:50 - 12:30	CMPS/ME&H-1:Medicine in the Library, Medieval and Renaissance Medicine	Ceren RASIMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics-Probability	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics-Probability	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics-Probability	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.10.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Meeting with Mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	ASOS TRIAL EXAM	
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

14.10.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Orientation Programm: Meeting with the international office	International Office
10:10 - 10:50	PANEL: Clinical Cytogenetics	ALANAY-HATIRNAZ NG-AGÜN
11:00 - 11:40	PANEL: Clinical Cytogenetics	ALANAY-HATIRNAZ NG-AGÜN
11:50 - 12:30	Cell Death	Cemaliye AKYERLİ BOYLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED115 Formative Assessment-I	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	MED115 Formative Assessment-I	Cemaliye AKYERLİ BOYLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.10.2024 TUESDAY

08:30 - 09:10	Orientation Programme: How to Use Library	Ayça MAZLUMOĞLU
09:20 - 10:00	Lab: Microscope Skills and Cell Types Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
10:10 - 10:50	Lab: Microscope Skills and Cell Types Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
11:00 - 11:40	Lab: Microscope Skills and Cell Types Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	Lab: Microscope Skills and Cell Types Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.10.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED115 THEORETICAL EXAMINATION I	
11:50 - 12:30	MED115 THEORETICAL EXAMINATION I	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	White Coat Ceremony Rehearsal	
14:20 - 15:00	White Coat Ceremony Rehearsal	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.10.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Orientation Programme: How to Use Textbooks and how to study	Cem SUNGUR
11:00 - 11:40	CMPS/ME&H-1 :Characteristics of Doctor/Patient Community Relations (TBL 1)	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-1 :Characteristics of Doctor/Patient Community Relations (TBL 1)	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics- Discrete Probability Distributions	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics- Discrete Probability Distributions	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics- Discrete Probability Distributions	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.10.2024 FRIDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Opening Ceremony of the 2024-2025 Academic Year	
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30	Lunch Time	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50	Opening Ceremony of the 2024-2025 Academic Year	
16:00 - 16:40		
16:50 - 17:30		

21.10.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study time	
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10		
14:20 - 15:00	White Coat Ceremony	
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.10.2024 TUESDAY

08:30 - 09:10	Histology of Lining and Glandular Epithelium	Serap ARBAK
09:20 - 10:00	Histology of Lining and Glandular Epithelium	Serap ARBAK
10:10 - 10:50	From DNA to RNA	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	From DNA to RNA	Cemaliye AKYERLİ BOYLU
11:50 - 12:30	Histology of Connective Tissue	Merve AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of Connective Tissue	Merve AÇIKEL ELMAS
14:20 - 15:00	Histology of Skin and Adnex	Deniz YÜCEL
15:10 - 15:50	Histology of Skin and Adnex	Deniz YÜCEL
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.10.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	From RNA to Protein	Cemaliye AKYERLİ BOYLU
10:10 - 10:50	From RNA to Protein	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	LAB: Histology of Lining and Glandular Epithelium (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	LAB: Histology of Lining and Glandular Epithelium (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of Lining and Glandular Epithelium (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS
14:20 - 15:00	LAB: Histology of Lining and Glandular Epithelium (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS
15:10 - 15:50	Control of gene expression	Özkan ÖZDEMİR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.10.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Epigenetics	Özden HATIRNAZ NG
10:10 - 10:50	Nuclear Genome: Gene structure and function	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	CMPS/ME&H-1: Introduction to Human Rights (TBL 2)	Yeşim Işıl ÜLMAN
11:50 - 12:30	CMPS/ME&H-1: Introduction to Human Rights (TBL 2)	Yeşim Işıl ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics- Continuous Probability Distributions	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics- Continuous Probability Distributions	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics- Continuous Probability Distributions	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

25.10.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Meeting with Mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

28.10.2024 MONDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	
16:50 - 17:30	

29.10.2024 TUESDAY

08:30 - 09:10	
09:20 - 10:00	
10:10 - 10:50	
11:00 - 11:40	
11:50 - 12:30	
12:30 - 13:30	Republic Day
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	
16:50 - 17:30	

30.10.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Histology of Connective Tissue and Skin (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS
10:10 - 10:50	LAB: Histology of Connective Tissue and Skin (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS
11:00 - 11:40	LAB: Histology of Connective Tissue and Skin (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	LAB: Histology of Connective Tissue and Skin (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Human Genetic Diversity: Mutation and Polymorphisms	Özkan ÖZDEMİR
14:20 - 15:00	Human Genetic Diversity: Mutation and Polymorphisms	Özkan ÖZDEMİR
15:10 - 15:50	Mendelian Genetics	Cemaliye AKYERLİ BOYLU
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

31.10.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Tools of Molecular Biology	Cemaliye AKYERLİ BOYLU
10:10 - 10:50	Tools of Molecular Biology	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	CMPS/ME&H-1:Medicine in the Hospital	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-1:Medicine in the Hospital	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics-Estimation	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics-Estimation	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics-Estimation	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

04.11.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Mendelian Inheritance Patterns	Özlem AKGÜN DOĞAN
11:00 - 11:40	Non-Mendelian Inheritance	Özlem AKGÜN DOĞAN
11:50 - 12:30	Complex Inheritance of Multifactorial Disorders	Kaya BİLGUVAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Mitochondrial Genome and Mitochondrial Inheritance	Özden HATIRNAZ NG
14:20 - 15:00	Molecular, Biochemical and Cellular Basis of Genetic Diseases	Özden HATIRNAZ NG
15:10 - 15:50	Molecular, Biochemical and Cellular Basis of Genetic Diseases	Özden HATIRNAZ NG
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.11.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Genetic basis of cancer	Cemaliye AKYERLİ BOYLU
10:10 - 10:50	Genetic basis of cancer	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	Personalized Medicine Era	Kaya BİLGUVAR
11:50 - 12:30	Personalized Medicine Era	Kaya BİLGUVAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PANEL: Treatment of Genetic Diseases and Future of Clinical Genomics	HATIRNAZ NG-ALANAY-DOĞAN
14:20 - 15:00	PANEL: Treatment of Genetic Diseases and Future of Clinical Genomics	HATIRNAZ NG-ALANAY-DOĞAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.11.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PANEL: From Genotype to Phenotype	ALANAY-HATIRNAZ NG-AGÜN
10:10 - 10:50	PANEL: From Genotype to Phenotype	ALANAY-HATIRNAZ NG-AGÜN
11:00 - 11:40	Basic LAB Skills (pipette)(Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
11:50 - 12:30	Basic LAB Skills (pipette)(Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Basic LAB Skills (pipette)(Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
14:20 - 15:00	Basic LAB Skills (pipette)(Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

07.11.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H-1: Right to Health	Yeşim YASİN
11:00 - 11:40	CMPS/ME&H-1: Right to Health - (TBL -3)	Fatih ARTVİNLI, Ceren RASIMOĞLU
11:50 - 12:30	CMPS/ME&H-1: Right to Health - (TBL -3)	Fatih ARTVİNLI, Ceren RASIMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics- Hypothesis Testing: One-Sample Inference	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics- Hypothesis Testing: One-Sample Inference	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics- Hypothesis Testing: One-Sample Inference	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.11.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

11.11.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Basic concepts in population genetics	Kaya BİLGUVAR
10:10 - 10:50	Discussion:DNA Isolation (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
11:00 - 11:40	LAB: DNA Isolation (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
11:50 - 12:30	LAB: DNA Isolation (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Discussion:DNA Isolation (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
14:20 - 15:00	LAB: DNA Isolation (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
15:10 - 15:50	LAB: DNA Isolation (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.11.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Hot topics in Biochemistry: Omics	Ahmet Tarık BAYKAL
10:10 - 10:50	LAB: Agarose Gel Electrophoresis (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
11:00 - 11:40	LAB: Agarose Gel Electrophoresis (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
11:50 - 12:30	LAB: Agarose Gel Electrophoresis (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Agarose Gel Electrophoresis (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
14:20 - 15:00	LAB: Agarose Gel Electrophoresis (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
15:10 - 15:50	LAB: Agarose Gel Electrophoresis (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.11.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
10:10 - 10:50	Discussion: Nucleic acid Amplification; PCR (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
11:00 - 11:40	LAB: Nucleic acid Amplification; PCR (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
11:50 - 12:30	LAB: Nucleic acid Amplification; PCR (Group A)	A.BOYLU, HATIRNAZ, ÖZDEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Discussion: Nucleic acid Amplification; PCR (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
14:20 - 15:00	LAB: Nucleic acid Amplification; PCR (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
15:10 - 15:50	LAB: Nucleic acid Amplification; PCR (Group B)	A.BOYLU, HATIRNAZ, ÖZDEMİR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

14.11.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
10:10 - 10:50	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
11:00 - 11:40	CMPS/ME&H-1: Right to Health in Society	ÜLMAN, ARTVİNLİ, KAYI, RASİMOĞLU
11:50 - 12:30	CMPS/ME&H-1: Right to Health in Society	ÜLMAN, ARTVİNLİ, KAYI, RASİMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics Midterm Exam	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics Midterm Exam	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics Midterm Exam	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English Midterm Exam	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English Midterm Exam	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	Study Time	
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

18.11.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	MED115 Formative Assessment-II	Özlem AKGÜN DOĞAN
11:00 - 11:40	MED115 Formative Assessment-II	Özlem AKGÜN DOĞAN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Developmental Genetics	Özlem AKGÜN DOĞAN
14:20 - 15:00	Developmental Genetics	Özlem AKGÜN DOĞAN
15:10 - 15:50	Next Generation Sequencing and the Future of Diagnosis	Özkan ÖZDEMİR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.11.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.11.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED115 THEORETICAL EXAMINATION II	
11:50 - 12:30	MED115 THEORETICAL EXAMINATION II	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED115 HISTOLOGY LAB EXAMINATION	ARBAK, YÜCEL, AÇIKEL ELMAS
15:10 - 15:50	MED115 HISTOLOGY LAB EXAMINATION	ARBAK, YÜCEL, AÇIKEL ELMAS
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

21.11.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/ME&H-1: Medicine in the Community, Emergence of Public Health	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-1: Medicine in the Community, Emergence of Public Health	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics- Hypothesis Testing: power	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics- Hypothesis Testing: power	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics- Hypothesis Testing: power	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Meeting with Mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

25.11.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED117 Molecular and Cellular Medicine-II	Merve AÇIKEL ELMAS-Özkan ÖZDEMİR
11:00 - 11:40	Cell Membrane Physiology	Mehmet ERGEN
11:50 - 12:30	Physical Characteristics of Membrane Structure and Function	Zeynep DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Structure and classification of enzymes	Ahmet Tarık BAYKAL
14:20 - 15:00	Structure and classification of enzymes	Ahmet Tarık BAYKAL
15:10 - 15:50	Properties of enzymes, factors affecting enzymatic reactions	Ahmet Tarık BAYKAL
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.11.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Membrane Proteins	Zeynep DURER
11:00 - 11:40	Physical Principles of Transport: Diffusion and Facilitated Transport	Devrim ÖZ ARSLAN
11:50 - 12:30	Physical Principles of Transport: Diffusion and Facilitated Transport	Devrim ÖZ ARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Homeostasis	Mehmet ERGEN
14:20 - 15:00	Homeostasis	Mehmet ERGEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.11.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Charges, Coulomb's Law, Insulators and Conductors	Zeynep DURER
10:10 - 10:50	Charges, Coulomb's Law, Insulators and Conductors	Zeynep DURER
11:00 - 11:40	Electrical Forces, Fields and Currents	Pınar MEGA TİBER
11:50 - 12:30	Electrical Forces, Fields and Currents	Pınar MEGA TİBER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Body fluids	Mehmet ERGEN
14:20 - 15:00	Osmolarity and Tonicity	Devrim ÖZ ARSLAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

28.11.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Michaelis-Menten Equation	Ahmet Tarık BAYKAL
10:10 - 10:50	Regulation of enzyme activity	Ahmet Tarık BAYKAL
11:00 - 11:40	CMPS/ME&H-1:Medicine in the Laboratory	Ceren RASİMOĞLU
11:50 - 12:30	CMPS/ME&H-1:Medicine in the Laboratory	Ceren RASİMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics-Hypothesis Testing: Two-Sample Inference	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics-Hypothesis Testing: Two-Sample Inference	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics-Hypothesis Testing: Two-Sample Inference	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

29.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

02.12.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Capacitors, Resistance, Direct Current	Pınar MEGA TİBER
11:00 - 11:40	Capacitors, Resistance, Direct Current	Pınar MEGA TİBER
11:50 - 12:30	Electrochemical Potential, Nernst Potential	Pınar MEGA TİBER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Membrane Potential and Action Potential	Devrim ÖZ ARSLAN
14:20 - 15:00	Membrane Potential and Action Potential	Devrim ÖZ ARSLAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

03.12.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Excitable Tissue and Action Potential	Mehmet ERGEN
10:10 - 10:50	Excitable Tissue and Action Potential	Mehmet ERGEN
11:00 - 11:40	Flow of Energy in Nature, First Law of Thermodynamics	Beki KAN
11:50 - 12:30	Flow of Energy in Nature, First Law of Thermodynamics	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physical Principles of Transport: Active Transport	Devrim ÖZ ARSLAN
14:20 - 15:00	Conduction of Action Potential	Devrim ÖZ ARSLAN
15:10 - 15:50	Allosteric regulation and covalent modification	Ahmet Tarık BAYKAL
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.12.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	The second law of thermodynamics, entropy, free energy	Beki KAN
10:10 - 10:50	The second law of thermodynamics, entropy, free energy	Beki KAN
11:00 - 11:40	COMPUTER LAB: Enzyme kinetics_Group A	Ahmet Tarık BAYKAL
11:50 - 12:30	COMPUTER LAB: Enzyme kinetics_Group A	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	COMPUTER LAB: Enzyme kinetics_Group B	Ahmet Tarık BAYKAL
14:20 - 15:00	COMPUTER LAB: Enzyme kinetics_Group B	Ahmet Tarık BAYKAL
15:10 - 15:50	Physical Principles of Transport: Active Transport	Devrim ÖZ ARSLAN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.12.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Isoenzymes and clinical importance	Fehime AKSUNGAR
11:00 - 11:40	CMPS/ME&H-1: Medicine in the Modern World, Legacy of the Centuries	Yeşim Işıl ÜLMAN
11:50 - 12:30	CMPS/ME&H-1: History of Medicine in Turkey	Ceren RASİMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics-Nonparametric Methods	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics-Nonparametric Methods	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics-Nonparametric Methods	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.12.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

09.12.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Action potential_Group A	Mehmet ERGEN
10:10 - 10:50	LAB: Action potential_Group A	Mehmet ERGEN
11:00 - 11:40	LAB: Action potential_Group B	Mehmet ERGEN
11:50 - 12:30	LAB: Action potential_Group B	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Free energy and thermodynamic properties of water	Beki KAN
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.12.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Cellular Signaling	Mehmet ERGEN
10:10 - 10:50	Cellular Signaling	Mehmet ERGEN
11:00 - 11:40	Cellular Signaling	Mehmet ERGEN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	General principles of metabolic pathways	Aysel ÖZPINAR
14:20 - 15:00	General principles of metabolic pathways	Aysel ÖZPINAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.12.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	PANEL: Cellular Signaling Advanced Topics	DURER, ÖZ ARSLAN, ERGEN
10:10 - 10:50	PANEL: Cellular Signaling Advanced Topics	DURER, ÖZ ARSLAN, ERGEN
11:00 - 11:40	PANEL: Cellular Signaling Advanced Topics	DURER, ÖZ ARSLAN, ERGEN
11:50 - 12:30	PANEL: Cellular Signaling Advanced Topics	DURER, ÖZ ARSLAN, ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Glycolysis	Aysel ÖZPINAR
14:20 - 15:00	Glycolysis	Aysel ÖZPINAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.12.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Gluconeogenesis	Aysel ÖZPINAR
10:10 - 10:50	Gluconeogenesis	Aysel ÖZPINAR
11:00 - 11:40	Study Time	
11:50 - 12:30	CMPS Medical Ethics & Humanities- 1-Written Exam	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics-Hypothesis Testing: Categorical Data	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics-Hypothesis Testing: Categorical Data	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics-Hypothesis Testing: Categorical Data	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.12.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
11:50 - 12:30	Meeting with Mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

16.12.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Glycogenesis	Fehime AKSUNGAR
10:10 - 10:50	Glycogenesis	Fehime AKSUNGAR
11:00 - 11:40	TCA Cycle	Aysel ÖZPINAR
11:50 - 12:30	TCA Cycle	Aysel ÖZPINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Glycogenolysis	Fehime AKSUNGAR
14:20 - 15:00	Glycogenolysis	Fehime AKSUNGAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.12.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.12.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED117 Formative Assessment-I	Fehime AKSUNGAR
14:20 - 15:00	MED117 Formative Assessment-I	Fehime AKSUNGAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.12.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RinH-1: Introduction to Research in Health and Scientific Methodology	Figen DEMİR
10:10 - 10:50	CMPS/RinH-1:An example of scientific thinking:study of Ignaz Semmelweis	Pınar TOPSEVER
11:00 - 11:40	CMPS/RinH-1:An example of scientific thinking:study of Ignaz Semmelweis	Pınar TOPSEVER
11:50 - 12:30	CMPS/RinH-1:An example of scientific thinking:study of Ignaz Semmelweis	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics-Multisample Inference	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics-Multisample Inference	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics-Multisample Inference	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.12.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

23.12.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED117 THEORETICAL EXAMINATION I	
11:50 - 12:30	MED117 THEORETICAL EXAMINATION I	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.12.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Metabolism of Proteins	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Coupling of biological reactions with high energy metabolites	Zeynep DURER
14:20 - 15:00	Coupling of biological reactions with high energy metabolites	Zeynep DURER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

25.12.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Oogenesis	Serap ARBAK
10:10 - 10:50	Oogenesis	Serap ARBAK
11:00 - 11:40	Spermatogenesis	Merve AÇIKEL ELMAS
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Metabolism of Amino Acids	Abdurrahman COŞKUN
15:10 - 15:50	Metabolism of Amino Acids	Abdurrahman COŞKUN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.12.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Fertilization	Deniz YÜCEL
10:10 - 10:50	Implantation	Serap ARBAK
11:00 - 11:40	CMPS/RinH-I:Introduction to Epidemiology	Figen DEMİR
11:50 - 12:30	CMPS/RinH-I:Introduction to Epidemiology	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistic-Regression and Correlation Methods	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistic-Regression and Correlation Methods	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistic-Regression and Correlation Methods	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.12.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞİ, CEZZAROĞLU
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

30.12.2024 MONDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

31.12.2024 TUESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

01.01.2025 WEDNESDAY

08:30 - 09:10	
09:20 - 10:00	
10:10 - 10:50	
11:00 - 11:40	
11:50 - 12:30	
12:30 - 13:30	New Year's Day
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	
16:50 - 17:30	

02.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RinH-I Causation in Epidemiology-TBL-Study Time	TOPSEVER, DEMİR
10:10 - 10:50	CMPS/RinH-I Causation in Epidemiology-TBL-Study Time	TOPSEVER, DEMİR
11:00 - 11:40	CMPS/RinH-I Causation in Epidemiology-TBL-Study Time	TOPSEVER, DEMİR
11:50 - 12:30	Study Time	TOPSEVER, DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistic-Regression and Correlation Methods	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistic-Regression and Correlation Methods	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistic-Regression and Correlation Methods	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

03.01.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Meeting with Mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course I / Study time	

06.01.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Glucose and cholesterol measurement-A	BAYKAL, AKSUNGAR, COŞKUN
10:10 - 10:50	LAB: Glucose and cholesterol measurement-A	BAYKAL, AKSUNGAR, COŞKUN
11:00 - 11:40	LAB: Glucose and cholesterol measurement-B	BAYKAL, AKSUNGAR, COŞKUN
11:50 - 12:30	LAB: Glucose and cholesterol measurement-B	BAYKAL, AKSUNGAR, COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
14:20 - 15:00	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

07.01.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
11:50 - 12:30	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Energetics of Electron Transport	Zeynep DURER
14:20 - 15:00	Energetics of Electron Transport	Zeynep DURER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.01.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Metabolism of nucleotids	Abdurrahman COŞKUN
11:50 - 12:30	Formation of bilaminar and trilaminar embryonic disc	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Hexose Monophosphate Shunt	Aysel ÖZPINAR
14:20 - 15:00	Hexose Monophosphate Shunt	Aysel ÖZPINAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RinH-I Causation in Epidemiology TBL (RATs & Practice)	TOPSEVER, DEMİR
10:10 - 10:50	CMPS/RinH-I Causation in Epidemiology TBL (RATs & Practice)	TOPSEVER, DEMİR
11:00 - 11:40	CMPS/RinH-I Causation in Epidemiology TBL (RATs & Practice)	TOPSEVER, DEMİR
11:50 - 12:30	CMPS/RinH-I Causation in Epidemiology TBL (RATs & Practice)	TOPSEVER, DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolism of Nucleic acids	Abdurrahman COŞKUN
14:20 - 15:00	Metabolism of Nucleic acids	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.01.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.01.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Formation of neurulation and organ systems	Serap ARBAK
11:50 - 12:30	Formation of neurulation and organ systems	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Extraembryonic structures	Merve AÇIKEL ELMAS
15:10 - 15:50	Extraembryonic structures	Merve AÇIKEL ELMAS
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

14.01.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
11:00 - 11:40	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
11:50 - 12:30	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biosynthesis of lipids	Fehime AKSUNGAR
14:20 - 15:00	Biosynthesis of lipids	Fehime AKSUNGAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.01.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Development of skin and adnex	Deniz YÜCEL
10:10 - 10:50	Induction mechanisms of embryology	Merve AÇIKEL ELMAS
11:00 - 11:40	Oxidation of lipids	Fehime AKSUNGAR
11:50 - 12:30	Oxidation of lipids	Fehime AKSUNGAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Stem cells	Deniz YÜCEL
14:20 - 15:00	Stem cells	Deniz YÜCEL
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.01.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RinH-I:Practicing Causation Criteria	DEMİR, TOPSEVER
10:10 - 10:50	CMPS/RinH-I:Practicing Causation Criteria	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/RinH-I:Practicing Causation Criteria	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/RinH-I:Practicing Causation Criteria	DEMİR, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Small group discussion related to metabolic diseases-I	ÖZPINAR, AKSUNGAR, BAYKAL
14:20 - 15:00	Small group discussion related to metabolic diseases-I	ÖZPINAR, AKSUNGAR, BAYKAL
15:10 - 15:50	Small group discussion related to metabolic diseases-I	ÖZPINAR, AKSUNGAR, BAYKAL
16:00 - 16:40	Small group discussion related to metabolic diseases-I	ÖZPINAR, AKSUNGAR, BAYKAL
16:50 - 17:30	Study Time	

17.01.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.01.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Small group discussion related to metabolic diseases-II	ÖZPINAR, AKSUNGAR, BAYKAL
10:10 - 10:50	Small group discussion related to metabolic diseases-II	ÖZPINAR, AKSUNGAR, BAYKAL
11:00 - 11:40	Small group discussion related to metabolic diseases-II	ÖZPINAR, AKSUNGAR, BAYKAL
11:50 - 12:30	Small group discussion related to metabolic diseases-II	ÖZPINAR, AKSUNGAR, BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Small group discussion related to metabolic diseases-III	ÖZPINAR, AKSUNGAR, BAYKAL
14:20 - 15:00	Small group discussion related to metabolic diseases-III	ÖZPINAR, AKSUNGAR, BAYKAL
15:10 - 15:50	Small group discussion related to metabolic diseases-III	ÖZPINAR, AKSUNGAR, BAYKAL
16:00 - 16:40	Small group discussion related to metabolic diseases-III	ÖZPINAR, AKSUNGAR, BAYKAL
16:50 - 17:30	Study Time	

21.01.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.01.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED117 Formative Assessment-II	Deniz YÜCEL
14:20 - 15:00	MED117 Formative Assessment-II	Deniz YÜCEL
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RinH-I: Literature review practice	Figen DEMİR
10:10 - 10:50	CMPS/RinH-I: Literature review practice	Figen DEMİR
11:00 - 11:40	CMPS/RinH-I: History of research integrity, Publication ethics	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/RinH-I: History of research integrity , Publication ethics	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED136 Biostatistics Final Examination	Emel TİMUÇİN
14:20 - 15:00	MED136 Biostatistics Final Examination	Emel TİMUÇİN
15:10 - 15:50	MED136 Biostatistics Final Examination	Emel TİMUÇİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.01.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED135 Medical English Final Exam	BAVARŞI, CEZZAROĞLU
10:10 - 10:50	MED135 Medical English Final Exam	BAVARŞI, CEZZAROĞLU
11:00 - 11:40	MED135 Medical English Final Exam	BAVARŞI, CEZZAROĞLU
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.01.2025 MONDAY	
08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

28.01.2025 TUESDAY	
08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	MED117 THEORETICAL EXAMINATION II
11:50 - 12:30	MED117 THEORETICAL EXAMINATION II
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

29.01.2025 WEDNESDAY	
08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

30.01.2025 THURSDAY	
08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	CMPS/RinH-I: Written Examination
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

31.01.2025 FRIDAY	
08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

SEMESTER

YEAR 1 SPRING SEMESTER SCHEDULE



17.02.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to MED118 Blood, Immunity and Cancer	Merve AÇIKEL ELMAS-Özkan ÖZDEMİR
10:10 - 10:50	CMPS/CS: Introduction to communication skills (CS)	TOPSEVER, ALTINTAŞ, DİNÇ, PARKAN,
11:00 - 11:40	Principles of Medical Microbiology	Tanıl KOCAGÖZ
11:50 - 12:30	Bacterial classification Observation of Microorganisms by Microscopy	Sinem ÖKTEM OKULLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Microbial growth cultivation of microorganisms	Sinem ÖKTEM OKULLU
14:20 - 15:00	Microbial growth cultivation of microorganisms	Sinem ÖKTEM OKULLU
15:10 - 15:50	Laboratory safety, collection and transport of specimens	Neval YURTTUTAN UYAR
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

18.02.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Basic life support -Group 1 (CASE)	Dilek KİTAPÇIOĞLU
10:10 - 10:50	CMPS/CS: Basic life support -Group 1 (CASE)	Dilek KİTAPÇIOĞLU
11:00 - 11:40	CMPS/CS: Basic life support -Group 1 (CASE)	Dilek KİTAPÇIOĞLU
11:50 - 12:30	CMPS/CS: Basic life support -Group 1 (CASE)	Dilek KİTAPÇIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Microbial genetics	Sinem ÖKTEM OKULLU
14:20 - 15:00	Microbial genetics	Sinem ÖKTEM OKULLU
15:10 - 15:50	Sterilization and disinfection	Özgür KURT
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

19.02.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Microbial pathogenesis	Sinem ÖKTEM OKULLU
10:10 - 10:50	Microbial pathogenesis	Sinem ÖKTEM OKULLU
11:00 - 11:40	Introduction to Elective in Medicine	
11:50 - 12:30	Introduction to Elective in Medicine	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	General structures of bacteria, mycoplasma, chlamydia & rickettsiae	Sinem ÖKTEM OKULLU
15:10 - 15:50	General structures of bacteria, mycoplasma, chlamydia & rickettsiae	Sinem ÖKTEM OKULLU
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

20.02.2025 THURSDAY

08:30 - 09:10	Study time	
09:20 - 10:00	Study time	
10:10 - 10:50	CMPS/H&S-I: Intro to Health and society I	Yeşim YASİN
11:00 - 11:40	CMPS/H&S-I: Social Sciences in Health	İnci USER
11:50 - 12:30	CMPS/H&S-I: Focus group discussions on health and illness	YASİN, DEMİR, TOPSEVER, DİNÇ, USER, CEVİZCI, ARTVINLI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics-Molecular biology and genetics background	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics-Molecular biology and genetics background	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics-Molecular biology and genetics background	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

21.02.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	General structures of fungi	Neval YURTTUTAN UYAR
10:10 - 10:50	General structures of fungi	Neval YURTTUTAN UYAR
11:00 - 11:40	Histology of blood cells	Merve AÇIKEL ELMAS
11:50 - 12:30	Meeting with mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

24.02.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Hematopoiesis	Deniz YÜCEL
10:10 - 10:50	General structures of viruses	Tanıl KOCAGÖZ
11:00 - 11:40	General structures of viruses	Tanıl KOCAGÖZ
11:50 - 12:30	Functions of the erythrocytes	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	General structures of parasites	Özgür KURT
14:20 - 15:00	General structures of parasites	Özgür KURT
15:10 - 15:50	General structures of parasites	Özgür KURT
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

25.02.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Basic life support -Group 2 (CASE)	Dilek KİTAPÇIOĞLU
10:10 - 10:50	CMPS/CS: Basic life support -Group 2 (CASE)	Dilek KİTAPÇIOĞLU
11:00 - 11:40	CMPS/CS: Basic life support -Group 2 (CASE)	Dilek KİTAPÇIOĞLU
11:50 - 12:30	CMPS/CS: Basic life support -Group 2 (CASE)	Dilek KİTAPÇIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of the lymphatic organs	Serap ARBAK
14:20 - 15:00	Blood groups	Hande YAPIŞLAR
15:10 - 15:50	Principles of immunology	Tanıl KOCAGÖZ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

26.02.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Biochemical features of blood cells	Meltem KİLERCİK
10:10 - 10:50	Biochemical features of blood cells	Meltem KİLERCİK
11:00 - 11:40	LAB: Histology of the Lymphatic organs and blood (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	LAB: Histology of the Lymphatic organs and blood (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

27.02.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S-I: Health, illness, disease and sickness	İnci USER
10:10 - 10:50	CMPS/H&S-I: Social history of disease	İnci USER
11:00 - 11:40	CMPS/H&S-I: Social history of disease	İnci USER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics-Functional impact of mutations	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics-Functional impact of mutations	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics-Functional impact of mutations	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

28.02.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Histology of the Lymphatic organs and blood (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS
10:10 - 10:50	LAB: Histology of the Lymphatic organs and blood (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS
11:00 - 11:40	Study Time	
11:50 - 12:30	Elective Course II / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

03.03.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Blood groups and hematocrit (GroupA)	Hande YAPIŞLAR
10:10 - 10:50	LAB: Blood groups and hematocrit (GroupA)	Hande YAPIŞLAR
11:00 - 11:40	LAB: Blood groups and hematocrit (GroupB)	Hande YAPIŞLAR
11:50 - 12:30	LAB: Blood groups and hematocrit (GroupB)	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Antigens	Sinem ÖKTEM OKULLU
14:20 - 15:00	Antigens	Sinem ÖKTEM OKULLU
15:10 - 15:50	Innate immunity	Neval YURTTUTAN UYAR
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

04.03.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Basic life support -Group 3 (CASE)	Dilek KİTAPÇIOĞLU
10:10 - 10:50	CMPS/CS: Basic life support -Group 3 (CASE)	Dilek KİTAPÇIOĞLU
11:00 - 11:40	CMPS/CS: Basic life support -Group 3 (CASE)	Dilek KİTAPÇIOĞLU
11:50 - 12:30	CMPS/CS: Basic life support -Group 3 (CASE)	Dilek KİTAPÇIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Functions of the leukocytes	Hande YAPIŞLAR
14:20 - 15:00	Functions of the leukocytes	Hande YAPIŞLAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

05.03.2025 WEDNESDAY		
08:30 - 09:10	Introduction to PBL	Meltem KOLGAZİ
09:20 - 10:00	Introduction to PBL Meeting rooms (DEMO)	AKYERLİ BOYLU, KİTAPÇIOĞLU, YÜCEL, ÖZ ARSLAN, DEMİR, ERGEN, TOPSEVER
10:10 - 10:50	Introduction to PBL Meeting rooms (DEMO)	
11:00 - 11:40	Introduction to PBL Meeting rooms (DEMO)	
11:50 - 12:30	Introduction to PBL Meeting rooms (DEMO)	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

06.03.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S-I: Narratives of ill health	Yeşim YASIN
10:10 - 10:50	CMPS/H&S-I: Disease causation theories	USER, TOPSEVER
11:00 - 11:40	CMPS/H&S-I: Disease causation theories	USER, TOPSEVER
11:50 - 12:30	CMPS/H&S-I: Social aspects of the body	İnci USER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics-Alignment algorithms 1, Global alignment	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics-Alignment algorithms 1, Global alignment	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics-Alignment algorithms 1, Global alignment	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

07.03.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to Pathology	İkser AKPOLAT
11:00 - 11:40	Introduction to Pathology	İkser AKPOLAT
11:50 - 12:30	Meeting with mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

10.03.2025 MONDAY

08:30 - 09:10	Study time	
09:20 - 10:00	Complement system	Tanıl KOCAGÖZ
10:10 - 10:50	Complement system	Tanıl KOCAGÖZ
11:00 - 11:40	Development of the lymphatic organs	Merve AÇIKEL ELMAS
11:50 - 12:30	Development of the lymphatic organs	Merve AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Adaptive immunity	Tanıl KOCAGÖZ
14:20 - 15:00	Adaptive immunity	Tanıl KOCAGÖZ
15:10 - 15:50	Study time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

11.03.2025 TUESDAY

08:30 - 09:10	Study time	
09:20 - 10:00	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
10:10 - 10:50	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
11:00 - 11:40	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
11:50 - 12:30	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Heme synthesis and disorders	Meltem KİLERCİK
14:20 - 15:00	PBL_Session 1 "I am so tired"	AKYERLİ BOYLU, DÖNGEL, DURER, ÜNÜBOL, KİLERCİK, ÖKTEM OKULLU, AYAŞ
15:10 - 15:50	PBL_Session 1 "I am so tired"	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

12.03.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Basic life support -Group 5 (CASE)	Dilek KİTAPÇIOĞLU
10:10 - 10:50	CMPS/CS: Basic life support -Group 5 (CASE)	Dilek KİTAPÇIOĞLU
11:00 - 11:40	CMPS/CS: Basic life support -Group 5 (CASE)	Dilek KİTAPÇIOĞLU
11:50 - 12:30	CMPS/CS: Basic life support -Group 5 (CASE)	Dilek KİTAPÇIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

13.03.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S-I: Basic Health Outcomes and Burden of Disease	Figen DEMİR
10:10 - 10:50	CMPS/H&S-I: Basic Health Outcomes and Burden of Disease	Figen DEMİR
11:00 - 11:40	CMPS/H&S-I: Social determinants of health	İnci USER
11:50 - 12:30	CMPS/H&S-I: Social determinants of health	İnci USER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics-Alignment algorithms 2, Local and semi global	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics-Alignment algorithms 2, Local and semi global	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics-Alignment algorithms 2, Local and semi global	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

14.03.2025 FRIDAY

08:30 - 09:10	Doctors day	
09:20 - 10:00	Doctors day	
10:10 - 10:50	Doctors day	
11:00 - 11:40	Doctors day	
11:50 - 12:30	Doctors day	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

17.03.2025 MONDAY		
08:30 - 09:10	Study time for PBL	
09:20 - 10:00	Study time for PBL	
10:10 - 10:50	Metabolism of oxygen binding proteins	Meltem KILERCİK
11:00 - 11:40	Metabolism of oxygen binding proteins	Meltem KILERCİK
11:50 - 12:30	Antibodies	Neval YURTTUTAN UYAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Blood smear (Group A)	Hande YAPIŞLAR
14:20 - 15:00	LAB: Blood smear (Group A)	Hande YAPIŞLAR
15:10 - 15:50	Study time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

18.03.2025 TUESDAY		
08:30 - 09:10	Study time	
09:20 - 10:00	CMPS/H&S-I: Inequalities and inequities 2	Yeşim YASİN
10:10 - 10:50	CMPS/H&S-I: Inequalities and inequities 2	Yeşim YASİN
11:00 - 11:40	PBL_Session 2 "I am so tired"	AKYERLİ BOYLU, DÖNGEL, DURER, ÜNÜBOL, KILERCİK, ÖKTEM OKULLU, AYAŞ
11:50 - 12:30	PBL_Session 2 "I am so tired"	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Hypersensitivity reactions (Immunological approach)	Özgür KURT
14:20 - 15:00	LAB: Blood smear (Group B)	Hande YAPIŞLAR
15:10 - 15:50	LAB: Blood smear (Group B)	Hande YAPIŞLAR
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

19.03.2025 WEDNESDAY		
08:30 - 09:10	Study time	
09:20 - 10:00	Study time	
10:10 - 10:50	Study time	
11:00 - 11:40	MED118 Formative Assesment I	Meltem KILERCİK
11:50 - 12:30	MED118 Formative Assesment I	Meltem KILERCİK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

20.03.2025 THURSDAY		
08:30 - 09:10	Study Time for PBL	
09:20 - 10:00	Study Time for PBL	
10:10 - 10:50	CMPS/H&S-I: Dialogue of a physician and social scientist	Ender CESUR
11:00 - 11:40	CMPS/H&S-I: Medicine as an Instrument of social control	İnci USER
11:50 - 12:30	CMPS/H&S-I: Medicine as an Instrument of social control	İnci USER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatic-Database search algorithms (BLAST, FASTA)	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatic-Database search algorithms (BLAST, FASTA)	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatic-Database search algorithms (BLAST, FASTA)	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

21.03.2025 FRIDAY		
08:30 - 09:10	Study time	
09:20 - 10:00	CMPS/H&S-I: General structure of the health care system in Turkey	Pınar TOPSEVER
10:10 - 10:50	CMPS/H&S-I: General structure of the health care system in Turkey	Pınar TOPSEVER
11:00 - 11:40	PBL_Session 3 "I am so tired"	AKYERLİ BOYLU, DÖNGEL, DURER, ÜNÜBOL, KILERCİK, ÖKTEM OKULLU, AYAŞ
11:50 - 12:30	PBL_Session 3 "I am so tired"	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

24.03.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	TBL Introduction:Function of Platelets and Coagulation Mechanism	ALTINTAŞ, YAPIŞLAR, KİLERCİK
11:00 - 11:40	Cellular responses to stress and toxic insults	İkser AKPOLAT
11:50 - 12:30	Cellular responses to stress and toxic insults	İkser AKPOLAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Laboratory diagnosis of allergic diseases	Mustafa SERTESER
14:20 - 15:00	Laboratory diagnosis of allergic diseases	Mustafa SERTESER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

25.03.2025 TUESDAY

08:30 - 09:10	CMPS/CS: First Aid lecture	Dilek KİTAPÇIOĞLU
09:20 - 10:00	CMPS/CS: First Aid lecture	Dilek KİTAPÇIOĞLU
10:10 - 10:50	CMPS/CS: First Aid lecture	Dilek KİTAPÇIOĞLU
11:00 - 11:40	CMPS/CS: First Aid lecture	Dilek KİTAPÇIOĞLU
11:50 - 12:30	CMPS/CS: First Aid lecture	Dilek KİTAPÇIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

26.03.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED118 THEORETICAL EXAMINATION I	
11:50 - 12:30	MED118 THEORETICAL EXAMINATION I	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

27.03.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	
10:10 - 10:50	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	
11:00 - 11:40	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	
11:50 - 12:30	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics-Midterm exam	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics-Midterm exam	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics-Midterm exam	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

28.03.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Tissue renewal, repair and regeneration	İkser AKPOLAT
10:10 - 10:50	Tissue renewal, repair and regeneration	İkser AKPOLAT
11:00 - 11:40	Study Time	
11:50 - 12:30	Meeting with mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

31.03.2025 MONDAY

08:30 - 09:10	Ramadan Holiday
09:20 - 10:00	Ramadan Holiday
10:10 - 10:50	Ramadan Holiday
11:00 - 11:40	Ramadan Holiday
11:50 - 12:30	Ramadan Holiday
12:30 - 13:30	Ramadan Holiday
13:30 - 14:10	Ramadan Holiday
14:20 - 15:00	Ramadan Holiday
15:10 - 15:50	Ramadan Holiday
16:00 - 16:40	Ramadan Holiday
16:50 - 17:30	Ramadan Holiday

01.04.2025 TUESDAY

08:30 - 09:10	Ramadan Holiday
09:20 - 10:00	Ramadan Holiday
10:10 - 10:50	Ramadan Holiday
11:00 - 11:40	Ramadan Holiday
11:50 - 12:30	Ramadan Holiday
12:30 - 13:30	Ramadan Holiday
13:30 - 14:10	Ramadan Holiday
14:20 - 15:00	Ramadan Holiday
15:10 - 15:50	Ramadan Holiday
16:00 - 16:40	Ramadan Holiday
16:50 - 17:30	Ramadan Holiday

02.04.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

03.04.2025 THURSDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

04.04.2025 FRIDAY

08:30 - 09:10	TBL study time	
09:20 - 10:00	TBL study time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Meeting with mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

07.04.2025 MONDAY

08:30 - 09:10	TBL study time	
09:20 - 10:00	TBL study time	
10:10 - 10:50	TBL Session: Function of Platelets	YAPIŞLAR, KİLERCİK
11:00 - 11:40	TBL Session: Function of Platelets	YAPIŞLAR, KİLERCİK
11:50 - 12:30	TBL Session: Function of Platelets	YAPIŞLAR, KİLERCİK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Reflection Session (Primary Health Care)	Yeşim YASIN
14:20 - 15:00	Cytokines	Abdurrahman COŞKUN
15:10 - 15:50	Cytokines	Abdurrahman COŞKUN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

08.04.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Mechanisms of major anemias	Meltem KİLERCİK
10:10 - 10:50	Mechanisms of major anemias	Meltem KİLERCİK
11:00 - 11:40	Prostaglandins	Abdurrahman COŞKUN
11:50 - 12:30	Prostaglandins	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Approach to a patient with anemia	Fatma DEMİR YENİGÜRBÜZ
14:20 - 15:00	TBL study time	
15:10 - 15:50	TBL study time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

09.04.2025 WEDNESDAY

08:30 - 09:10	TBL study time	
09:20 - 10:00	TBL study time	
10:10 - 10:50	TBL Session: Coagulation Mechanism	YAPIŞLAR, KİLERCİK
11:00 - 11:40	TBL Session: Coagulation Mechanism	YAPIŞLAR, KİLERCİK
11:50 - 12:30	TBL Session: Coagulation Mechanism	YAPIŞLAR, KİLERCİK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

10.04.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	CMPS/H&S-1--Assignment	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics-Next generation sequencing algorithms	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics-Next generation sequencing algorithms	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics-Next generation sequencing algorithms	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

11.04.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Plasma proteins	Abdurrahman COŞKUN
10:10 - 10:50	Plasma proteins	Abdurrahman COŞKUN
11:00 - 11:40	Study Time	
11:50 - 12:30	Elective Course II / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

14.04.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	From pathology to disease	Pınar TOPSEVER
11:00 - 11:40	Transplantation rejection pathology and autoimmune diseases	Pelin YILDIZ
11:50 - 12:30	Transplantation rejection pathology and autoimmune diseases	Pelin YILDIZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to pharmacology and toxicology	Filiz ONAT
14:20 - 15:00	TBL: Review of TBL	YAPIŞLAR, KİLERÇİK
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

15.04.2025 TUESDAY		
08:30 - 09:10	CMPS/CS: Orientation to CS	Levent ALTINTAŞ
09:20 - 10:00	CMPS/CS: Stages of psychosocial development	Şebnem AKAN
10:10 - 10:50	CMPS/CS: Attention, emotion, cognition	Bernis SÜTÇÜBAŞI
11:00 - 11:40	Acute inflammation	Yeşim SAĞLİCAN
11:50 - 12:30	Acute inflammation	Yeşim SAĞLİCAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Chronic inflammation	Yeşim SAĞLİCAN
14:20 - 15:00	Definitions and nomenclature of neoplasia, and features of benign and malignant tum	Cüyan DEMİRKESEN
15:10 - 15:50	Study time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

16.04.2025 WEDNESDAY		
08:30 - 09:10	Cancer epidemiology and etiology	Yeşim YASİN
09:20 - 10:00	Characteristics of benign and malignant tumors, definition of terms dysplasia, metaplasia and anaplasia	Cüyan DEMİRKESEN
10:10 - 10:50	Rate of growth, cancer stem cells and cancer cell Lineages, local invasion and metastasis	Cüyan DEMİRKESEN
11:00 - 11:40	Cellular quality control mechanisms	Devrim ÖZ ARSLAN
11:50 - 12:30	Cellular quality control mechanisms	Devrim ÖZ ARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

17.04.2025 THURSDAY		
08:30 - 09:10	Study time	
09:20 - 10:00	Biochemical aspects of cell death	Abdurrahman Coşkun
10:10 - 10:50	Biochemical aspects of cell death	Abdurrahman Coşkun
11:00 - 11:40	Epidemiology, environmental factors, heredity and familial cancer syndromes, predisposing conditions and premalignant disorders	Cüyan DEMİRKESEN
11:50 - 12:30	General principles of molecular basis of cancer and oncogenes	Cüyan DEMİRKESEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics -Physical mapping of DNA	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics -Physical mapping of DNA	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics -Physical mapping of DNA	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

18.04.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Tumor suppressor and other genes in carcinogenesis	Cüyan DEMİRKESEN
10:10 - 10:50	Angiogenesis, metastatic cascade, cardiogenetic agents	Cüyan DEMİRKESEN
11:00 - 11:40	Host defense against tumor	Cüyan DEMİRKESEN
11:50 - 12:30	Elective Course II / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

21.04.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/CS: Basic principles of CS (Assessment & practice in class)	ALTINTAŞ, TOPSEVER
11:00 - 11:40	CMPS/CS: Basic principles of CS (Assessment & practice in class)	ALTINTAŞ, TOPSEVER
11:50 - 12:30	CMPS/CS: Team work study time for CMPS assignment	ALTINTAŞ, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Effects of tumor on host, clinical aspects of the neoplasia, grading and staging of tumors	Cüyan DEMİRKESEN
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

22.04.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Megaloblastic anemia	Ant UZAY
10:10 - 10:50	Sickle cell anemia	Ant UZAY
11:00 - 11:40	Approach to a patient with bleeding disorders	Ant UZAY
11:50 - 12:30	Thrombophilia and deep venous thrombosis	Ant UZAY
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

23.04.2025 WEDNESDAY

08:30 - 09:10	National Sovereignty and Children's Day	
09:20 - 10:00	National Sovereignty and Children's Day	
10:10 - 10:50	National Sovereignty and Children's Day	
11:00 - 11:40	National Sovereignty and Children's Day	
11:50 - 12:30	National Sovereignty and Children's Day	
12:30 - 13:30	National Sovereignty and Children's Day	
13:30 - 14:10	National Sovereignty and Children's Day	
14:20 - 15:00	National Sovereignty and Children's Day	
15:10 - 15:50	National Sovereignty and Children's Day	
16:00 - 16:40	National Sovereignty and Children's Day	
16:50 - 17:30	National Sovereignty and Children's Day	

24.04.2025 THURSDAY

08:30 - 09:10	Study time	
09:20 - 10:00	Study time	
10:10 - 10:50	MED118 Formative Assesment II	Merve AÇIKEL ELMAS
11:00 - 11:40	MED118 Formative Assesment II	Merve AÇIKEL ELMAS
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics- Restriction enzymes and hybridization	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics- Restriction enzymes and hybridization	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics- Restriction enzymes and hybridization	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

25.04.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of bone marrow	Ümit İNCE, Nalan NEŞE
10:10 - 10:50	Pathology of bone marrow	Ümit İNCE, Nalan NEŞE
11:00 - 11:40	Study Time	
11:50 - 12:30	Meeting with mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

28.04.2025 MONDAY		
08:30 - 09:10	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
09:20 - 10:00	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
10:10 - 10:50	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
11:00 - 11:40	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
11:50 - 12:30	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
14:20 - 15:00	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
15:10 - 15:50	CMPS/H&S-I: Poster presentation and evaluation	YASIN, DEMİR, TOPSEVER, ÜLMAN, ARTİNLİ, DİNÇ, USER
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

29.04.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: How to manage stress (Assessment & practice in class)	ALTINTAŞ, TOPSEVER
10:10 - 10:50	CMPS/CS: How to manage stress (Assessment & practice in class)	ALTINTAŞ, TOPSEVER
11:00 - 11:40	CMPS/CS: Team work study time for CMPS assignment	ALTINTAŞ, TOPSEVER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of bone marrow	Ümit İnce, Nalan Neşe
14:20 - 15:00	Pathology of bone marrow	Ümit İnce, Nalan Neşe
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

30.04.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	MED118 THEORETICAL EXAMINATION II	
11:00 - 11:40	MED118 THEORETICAL EXAMINATION II	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics- Phylogenetics analysis 1	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics- Phylogenetics analysis 1	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics- Phylogenetics analysis 1	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

01.05.2025 THURSDAY		
08:30 - 09:10	Labor and Solidarity Day	
09:20 - 10:00	Labor and Solidarity Day	
10:10 - 10:50	Labor and Solidarity Day	
11:00 - 11:40	Labor and Solidarity Day	
11:50 - 12:30	Labor and Solidarity Day	
12:30 - 13:30	Labor and Solidarity Day	
13:30 - 14:10	Labor and Solidarity Day	
14:20 - 15:00	Labor and Solidarity Day	
15:10 - 15:50	Labor and Solidarity Day	
16:00 - 16:40	Labor and Solidarity Day	
16:50 - 17:30	Labor and Solidarity Day	

02.05.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Immunologic diagnostic tools	Neval Yurttutan Uyar
10:10 - 10:50	Immunologic diagnostic tools	Neval Yurttutan Uyar
11:00 - 11:40	Study Time	
11:50 - 12:30	Elective Course II / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

05.05.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Fluorescence Applications in Medicine	Devrim ÖZ ARSLAN
10:10 - 10:50	Fluorescence Applications in Medicine	Devrim ÖZ ARSLAN
11:00 - 11:40	Electromagnetic spectrum	Beki KAN
11:50 - 12:30	Radioactivity and decay law	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Molecular basis of hematological malignancies	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	Molecular basis of hematological malignancies	Cemaliye AKYERLİ BOYLU
15:10 - 15:50	Iron deficiency in PHC	Demet DİNÇ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

06.05.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/CS: Empathy (Assessment & practice in class)	ALTINTAŞ, DİNÇ, TOPSEVER
11:00 - 11:40	CMPS/CS: Empathy (Assessment & practice in class)	ALTINTAŞ, DİNÇ, TOPSEVER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Types of radiation	Beki KAN
14:20 - 15:00	Physical half-life, biological half life	Beki KAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

07.05.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Molecular basis of hemoglobinopathies	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	Interaction of radiation with matter	Devrim ÖZ ARSLAN
11:50 - 12:30	Interaction of radiation with matter	Devrim ÖZ ARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

08.05.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Hematopoetics drugs: Growth factors, minerals and vitamins	Filiz ONAT
11:50 - 12:30	Dosimetry, basic concepts	Devrim ÖZ ARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics-Phylogenetics analysis 2	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics-Phylogenetics analysis 2	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics-Phylogenetics analysis 2	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

09.05.2025 FRIDAY

08:30 - 09:10	Study time	
09:20 - 10:00	Study time	
10:10 - 10:50	Study time	
11:00 - 11:40	Study time	
11:50 - 12:30	Elective Course II / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

12.05.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Benign lymph node diseases	Ümit İNCE, Nalan NEŞE
11:00 - 11:40	Lymphoid neoplasms	Ümit İNCE, Nalan NEŞE
11:50 - 12:30	Lymphoid neoplasms	Ümit İNCE, Nalan NEŞE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Molecular and radiobiological behavior	Devrim ÖZ ARSLAN
14:20 - 15:00	Effects of ionizing radiation on the cell and organism	Devrim ÖZ ARSLAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

13.05.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Doctor patient relationship (Assessment & practice in class)	ALTINTAŞ, PARKAN, TOPSEVER
10:10 - 10:50	CMPS/CS: Doctor patient relationship (Assessment & practice in class)	ALTINTAŞ, PARKAN, TOPSEVER
11:00 - 11:40	CMPS/CS: Team work study time for CMPS assignment	ALTINTAŞ, PARKAN, TOPSEVER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lymphoid neoplasms	Ümit İNCE, Nalan NEŞE
14:20 - 15:00	Lymphoid neoplasms	Ümit İNCE, Nalan NEŞE
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

14.05.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

15.05.2025 THURSDAY

08:30 - 09:10	CMPS/CS Decontamination disinfection hand washing sterile gloves	DEMİR, TOPSEVER, YASİN, DİNÇ.PARKAN
09:20 - 10:00	CMPS/CS Decontamination disinfection hand washing sterile gloves	DEMİR, TOPSEVER, YASİN, DİNÇ.PARKAN
10:10 - 10:50	CMPS/CS Decontamination disinfection hand washing sterile gloves	DEMİR, TOPSEVER, YASİN, DİNÇ.PARKAN
11:00 - 11:40	CMPS/CS Decontamination disinfection hand washing sterile gloves	DEMİR, TOPSEVER, YASİN, DİNÇ.PARKAN
11:50 - 12:30	CMPS/CS Decontamination disinfection hand washing sterile gloves	DEMİR, TOPSEVER, YASİN, DİNÇ.PARKAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics- Profile matrices, Functional classification	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics- Profile matrices, Functional classification	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics- Profile matrices, Functional classification	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

16.05.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Meeting With Mentor	
11:00 - 11:40	Study Time	
11:50 - 12:30	Elective Course I / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

19.05.2025 MONDAY

08:30 - 09:10	Commemoration of Atatürk, Youth and Sports Day
09:20 - 10:00	Commemoration of Atatürk, Youth and Sports Day
10:10 - 10:50	Commemoration of Atatürk, Youth and Sports Day
11:00 - 11:40	Commemoration of Atatürk, Youth and Sports Day
11:50 - 12:30	Commemoration of Atatürk, Youth and Sports Day
12:30 - 13:30	Commemoration of Atatürk, Youth and Sports Day
13:30 - 14:10	Commemoration of Atatürk, Youth and Sports Day
14:20 - 15:00	Commemoration of Atatürk, Youth and Sports Day
15:10 - 15:50	Commemoration of Atatürk, Youth and Sports Day
16:00 - 16:40	Commemoration of Atatürk, Youth and Sports Day
16:50 - 17:30	Commemoration of Atatürk, Youth and Sports Day

20.05.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Team communication (Assessment & practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
10:10 - 10:50	CMPS/CS: Team communication (Assessment & practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
11:00 - 11:40	CMPS/CS: Team work study time for CMPS assignment	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
11:50 - 12:30	CMPS/CS: Team work study time for CMPS assignment	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Molecular Pathology	Sibel ERDAMAR
14:20 - 15:00	Molecular Pathology	Sibel ERDAMAR
15:10 - 15:50	Hereditary cancers	Özden HATIRNAZ NG
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

21.05.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Cancer prevention (periodical health examination and screening)	Pınar TOPSEVER
10:10 - 10:50	Cancer prevention (periodical health examination and screening)	Pınar TOPSEVER
11:00 - 11:40	Immune disorders	Burçin BEKEN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

22.05.2025 THURSDAY

08:30 - 09:10	Study time	
09:20 - 10:00	Study time	
10:10 - 10:50	Study time	
11:00 - 11:40	Study time	
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics- Profile matrices, Functional classification	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics- Profile matrices, Functional classification	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics- Profile matrices, Functional classification	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

23.05.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Elective Course II / Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:50 - 17:30	Elective Course II / Study time	

26.05.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED118 Formative Assessment III	Devrim ÖZ ARSLAN
10:10 - 10:50	MED118 Formative Assessment III	Devrim ÖZ ARSLAN
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.05.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Leadership	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
10:10 - 10:50	CMPS/CS: Leadership	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
11:00 - 11:40	CMPS/CS: Student group performances (Assessment & practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
11:50 - 12:30	CMPS/CS: Student group performances (Assessment & practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ, PARKAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.05.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.05.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.05.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.06.2025 MONDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Study Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

03.06.2025 TUESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Study Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

04.06.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Study Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

05.06.2025 THURSDAY

08:30 - 09:10	Eid al-Adha
09:20 - 10:00	Eid al-Adha
10:10 - 10:50	Eid al-Adha
11:00 - 11:40	Eid al-Adha
11:50 - 12:30	Eid al-Adha
12:30 - 13:30	Eid al-Adha
13:30 - 14:10	Eid al-Adha
14:20 - 15:00	Eid al-Adha
15:10 - 15:50	Eid al-Adha
16:00 - 16:40	Eid al-Adha
16:50 - 17:30	Eid al-Adha

06.06.2025 FRIDAY

08:30 - 09:10	Eid al-Adha
09:20 - 10:00	Eid al-Adha
10:10 - 10:50	Eid al-Adha
11:00 - 11:40	Eid al-Adha
11:50 - 12:30	Eid al-Adha
12:30 - 13:30	Eid al-Adha
13:30 - 14:10	Eid al-Adha
14:20 - 15:00	Eid al-Adha
15:10 - 15:50	Eid al-Adha
16:00 - 16:40	Eid al-Adha
16:50 - 17:30	Eid al-Adha

09.06.2025 MONDAY

08:30 - 09:10	Eid al-Adha
09:20 - 10:00	Eid al-Adha
10:10 - 10:50	Eid al-Adha
11:00 - 11:40	Eid al-Adha
11:50 - 12:30	Eid al-Adha
12:30 - 13:30	Eid al-Adha
13:30 - 14:10	Eid al-Adha
14:20 - 15:00	Eid al-Adha
15:10 - 15:50	Eid al-Adha
16:00 - 16:40	Eid al-Adha
16:50 - 17:30	Eid al-Adha

10.06.2025 TUESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

11.06.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	MED118 THEORETICAL EXAMINATION III
11:50 - 12:30	MED118 THEORETICAL EXAMINATION III
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

12.06.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED137 Bioinformatics Final Examination	Uğur SEZERMAN
14:20 - 15:00	MED137 Bioinformatics Final Examination	Uğur SEZERMAN
15:10 - 15:50	MED137 Bioinformatics Final Examination	Uğur SEZERMAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.06.2025 FRIDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

YEAR

II



ACIBADEM
MEHMET ALİ AYDINLAR
UNIVERSITY

YEAR II - COURSES (2024-2025)															
"COURSE CATEGORY"	CODE	COURSE NAME	Theoretical Hours				Practical Hours				Instructional Time	Study Time	TOTAL (Student work-load)	National Credits	ECTS
			Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice	Sub Total					
Integrated Medical Courses	MED 211	Cell and Tissue Injury-II	48	34	82	22					104	60	164	7	6
	MED 213	Musculoskeletal System and Related Disorders	94	12	106	23					129	70	199	8	7
	MED 212	Nervous System and Related Disorders	136	19	155	15					170	170	340	13	13
	MED 214	Growth, Development and Endocrine Disorders	45	13	58	4					62	60	122	5	5
	BSC 2	TOTAL	323	78	401	64					465	360	825	33	31
Clinical Medicine & Professional Skills (CMPS) Program	MED 221	Research in Health-II	22	23	45	24	33				102	220	322	5	12
	MED 222	Medical Ethics and Humanities-II	12	12	24						24	50	74	2	3
	CMPS 2	TOTAL	34	35	69	24	33	0	0	126	270	396	7	15	
Complementary Medical Courses (CMC)	EMED 201	Electives in Medicine-II	7	14	21	14	14				49	60	109	2	4
	EMED 202	Electives in Medicine-III	7	14	21	14	14				49	60	109	2	4
	MED 233	Medical English-III	28	0	28	14					42	20	62	3	2
	MED 234	Medical English-IV	28	0	28	14					42	20	62	3	2
Common Courses (CC)	ELE 297	Elective Course-III	28	0	28						28	5	33	2	1
	ELE 298	Elective Course-IV	28	0	28						28	5	33	2	1
TOTAL			483	141	624	144	61	0	0	829	800	1629	54	60	

SCLA: Student Centered Learning Activities (Problem-Based Learning (PBL), Team Based learning (TBL), Case Based Learning (CBL), Flipped Classroom, Workshops.)

Field Study: Site visits, Studies in the community, Working in primary care.

Lab Study: Practices in Basic Science and Computer Labs.

Simulated Clinical Practice: Practices in clinical skills labs. (CASE)

Clinical Practice: Bed side, Outpatient clinic, Operation room.

Study Time: Self Directed Learning, Preparation.

Course Name	Musculoskeletal System and Related Disorders	MED 213
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Fall
Course Dates	30.09.2024 – 13.12.2024

Theoretical Hours	106	Credit 8	ECTS 7
Practical Hours	23		
Study Hours	70		
TOTAL HOURS	199		

Course Chairs

Zeynep DURER
Ph.D., Assoc. Prof. Biophysics
zeynep.durer@acibadem.edu.tr

Mehmet ERGEN
D.V.M. Ph.D., Assist. Prof. Physiology
mehmet.ergen@acibadem.edu.tr

Faculty

Alp BAYRAMOĞLU
M.D., Ph.D., Prof. Anatomy

Mustafa AKTEKİN
M.D., Ph.D., Prof. Anatomy

Elif Nedret KESKİNÖZ
Ph.D., M.D., Assist. Prof. Anatomy

Beki KAN
Ph.D., Prof. Biophysics

Zeynep DURER
Ph.D., Assoc. Prof. Biophysics

Fehime AKSUNGAR
M.D., Prof. Medical Biochemistry

Yeşim Işıl ÜLMAN
Ph.D., Prof. History of Medicine and Ethics

Pınar TOPSEVER
M.D., Prof. Family Medicine

Efe ONGANER
M.D., Assist. Prof. Family Medicine

Oya ORUN*
M.D., Prof. Biophysics

Medine GÜLÇEPE İDRİZOĞLU*
M.D., Prof. Pharmacology

Şirin PARKAN
Dr. Family Medicine

Serap ARBAK
Ph.D., Prof. Histology & Embryology

Deniz YÜCEL
Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology & Embryology

Filiz ONAT
M.D., Ph.D. Prof. Pharmacology

Figen DEMİR
M.D., Assoc. Prof. Public Health

Yeşim YASİN
M.A, MSc. Ph.D., Assoc. Prof. Public Health

Meltem KOLGAZİ
Ph.D., Assoc. Prof. Physiology

Hülya KUŞOĞLU
M.D., Assist. Prof. Infectious Diseases

Serap GENÇER
M.D., Prof. Infectious Diseases

Sefa GÜRSOY
M.D., Assoc. Prof. Orthopedics and Traumatology

Rezzan GÜLHAN*
M.D., Prof. Medical Pharmacology

Yasemin ALANAY
M.D., Ph.D., Prof. Pediatrics

Özlem AYDIN
M.D., Prof. Pathology

Mehmet KARAARSLAN
M.D., Assist. Prof. Rheumatology

Göksel DİKMEN*
M.D., Assoc. Prof. Orthopedics and Traumatology

Levent ALTINTAŞ
M.D., Prof. Medical Education

Melike ŞAHİNER
M.D., Ph.D., Assoc. Prof. Medical Education

Işıl Fazilet KARTALOĞLU
M.D., Assoc. Prof. Physical Therapy and Rehabilitation

Yiğit Umur CIRDİ
Dr. Orthopedics and Traumatology

Gökhan KARADEMİR
M.D., Assoc. Prof. Orthopedics and Traumatology

Sebahat NACAR DOĞAN
M.D., Assoc. Prof. Radiological

Emrullah HAYTA
M.D., Assoc. Prof. Physical Therapy and Rehabilitation

*Visiting Professor

Educational Methods	Lectures , Team based learning, Lab Study
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Course Aims
<p>The aim of this course is to provide knowledge about the normal structure and function of the musculoskeletal system. It also aims to explain pathological changes in these structures and associate them with common musculoskeletal diseases.</p>

Learning Outcomes
<p>By the end of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Describe the structure and biomechanics of the musculoskeletal system 2. Explain the structure and function of the neuromuscular junction 3. Cite the steps of the mechanism of muscle contraction 4. Explain the effect of the peripheral nervous system on the locomotor system 5. Define the bone metabolism and related pathological changes 6. Describe common musculoskeletal system traumas and the pathological changes that they entail 7. Explain non-traumatic pathological changes in the bone, joint, and soft tissue 8. Explain the pharmacological approaches to the disorders of the musculoskeletal system 9. Associate the defects in the normal structure and function of the musculoskeletal system with common disorders and clinical cases

Assessment Methods	Theoretical and Practical Examinations
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Course Name	Microorganisms and Infection	MED 211
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Fall
Course Dates	16.12.2024– 31.01.2025

Theoretical Hours	82	Credit 7	ECTS 6
Practical Hours	22		
Study Hours	60		
TOTAL HOURS	164		

Course Chairs

Zeynep DURER

Ph.D., Assoc. Prof. Biophysics
zeynep.durer@acibadem.edu.tr

Mehmet ERGEN

D.V.M. Ph.D., Assist. Prof. Physiology
mehmet.ergen@acibadem.edu.tr

Faculty

Beki KAN

Ph.D., Prof. Biophysics

Tanıl KOCAGÖZ

M.D., Ph.D., Prof. Medical Microbiology

Filiz ONAT

M.D., Ph.D., Prof. Pharmacology

Zeynep DURER

Ph.D., Assoc. Prof. Biophysics

Yeşim GÜROL

M.D., Prof. Medical Microbiology

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

Pınar TOPSEVER

M.D., Prof. Family Medicine

Özgür KURT

M.D., Prof. Medical Microbiology

Hülya KUŞOĞLU

M.D., Assist. Prof. Infectious Diseases

Demet DİNÇ

M.D., Instructor Family Medicine

Neval YURTTUTAN UYAR

M.D., Assist. Prof. Medical Microbiology

Medine GÜLÇEPE İDRİZOĞLU*

M.D., Prof. Pharmacology

Şirin PARKAN

M.D., Instructor Family Medicine

Sinem ÖKTEM OKULLU

Assist. Prof. Medical Microbiology

Rezzan GÜLHAN*

M.D., Prof. Medical Pharmacology

Figen DEMİR

M.D., Assoc., Prof. Public Health

Ekin DÖNGEL*

Instructor Medical Laboratory Techniques

Meltem AYAS*

Instructor Medical Laboratory Techniques

Yeşim YASİN

M.A, MSc. Ph.D., Assoc. Prof. Public Health

Dilek KİTAPÇIOĞLU

M.D., Assist. Prof. Medical Education

Hande YAPIŞLAR

Ph.D., Assoc. Prof. Physiology

Educational Methods	Lectures and Lab Study
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Course Aims

The aim of this subject committee is to provide necessary knowledge about the basic mechanisms of infection and describe the general features of clinically important microorganisms.

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Classify infectious microorganisms and define their pathogenic features
2. Describe bacterial, viral, fungal and parasitic infections and their disease causing mechanisms
3. Apply laboratory methods for the diagnosis of infectious agents
4. Explain the basic pharmacokinetic and pharmacodynamics principles of drugs used in the treatment of infectious disease
5. Explain pharmacological features of agents against infectious and neoplastic diseases
6. Explain the epidemiology and prevention of infectious diseases
7. Define normal human microbiota

Assessment Methods	Written examination, case analyses, standardized evaluation of projects and performances and group presentations of assignments.
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Course Name	Nervous System and Related Diseases	MED 212
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Spring
Course Dates	17.02.2025 – 08.05.2025

Theoretical Hours	155	Credit 13	ECTS 13
Practical Hours	15		
Study Hours	170		
TOTAL HOURS	340		

Course Chairs

Neval YURTTUTAN UYAR

Ph.D., Assist. Prof.

Neval.uyar@acibadem.edu.tr

Faculty

Alp BAYRAMOĞLU

M.D., Ph.D., Prof. Anatomy

Mustafa AKTEKİN

M.D., Ph.D., Prof. Anatomy

Elif Nedret KESKİNÖZ

M.D., Assist. Prof. Anatomy

Serap ARBAK

Ph.D., Prof. Histology & Embryology

Deniz YÜCEL

Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS

Ph.D., Assist. Prof. Histology & Embryology

Ahmet Tarık BAYKAL

Ph.D., Prof. Medical Biochemistry

Mustafa SERTESER

M.D., Prof. Medical Biochemistry

Aysel ÖZPINAR

D.V.M. Ph.D., Prof. Medical Biochemistry

Mehmet ERGEN

D.V.M. Ph.D., Assist. Prof. Physiology

Ayça ERŞEN DANYELİ

M.D., Assoc. Prof. Pathology

Beki KAN

Ph.D., Prof. Biophysics

Devrim ÖZ ARSLAN

Ph.D., Assoc. Prof. Biophysics

Zeynep DURER

Ph.D., Assoc. Prof. Biophysics

Sesin KOCAGÖZ

M.D., Prof. Infectious Diseases

Serap GENÇER

M.D., Prof. Infectious Diseases

Hülya KUŞOĞLU

M.D., Assist. Prof. Infectious Diseases

Yeşim Işıl ÜLMAN

Ph.D., Prof. History of Medicine and Ethics

Fatih ARTVİNLİ

Ph.D., Assoc. Prof. History of Medicine & Ethics

Alp DİNÇER

M.D., Prof. Radiology

Demet DİNÇ

M.D., Instructor Family Medicine

Figen DEMİR

M.D., Assoc. Prof. Public Health

Filiz ONAT

M.D., Ph.D., Prof. Pharmacology

Murat AKSU

M.D., Prof. Neurology

Erkan ACAR

M.D., Assist. Prof. Neurology

Mustafa SEÇKİN

M.D., Assist. Prof. Neurology

Bahattin TANRIKULU

M.D., Assist. Prof. Neurosurgery

Koray ÖZDUMAN

M.D., Prof. Neurosurgery

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

Kaya BİLGUVAR

M.D. Ph.D. Medical Genetic

Baran BOZKURT

M.D., Assoc. Prof. Neurosurgery

Barış SANCAK

M.D., Instructor Psychiatry

Ürün ÖZER AĞIRBAŞ

M.D., Assoc. Prof. Psychiatry

Ekin DÖNGEL*

Instructor Medical Laboratory Techniques

Medine GÜLÇEPI İDRİZ OĞLU*

M.D., Prof. Pharmacology

Aysel ÖZPINAR

D.V.M. Ph.D., Prof. Medical Biochemistry

Ceren MERİÇ ÖZGÜNDÜZ

Dr. Psychiatry

Rezzan GÜLHAN*

M.D., Prof. Medical Pharmacology

Pınar MEGA TİBER*

M.D., Prof. Biophysics

Oya ORUN*

M.D., Prof. Biophysics

Sibel YILDIRIM MORAL

M.D., Assist. Prof. Otorhinolaryngology

Ezgi YAKUPOĞLU

M.D., Assist. Prof. Neurology

Burcu YAVUZ

M.D., Assoc. Prof. Psychiatry

Ceren RASİMOĞLU

*Ph.D., Assist. Prof. History of Medicine
and Ethics*

Deniz Tuna EDİZER

M.D., Prof. Otorhinolaryngology

Zeynep Selen ASLAN

M.D., Assoc. Prof. Pediatric Neurology

***Visiting Professor**

Educational Methods	Lectures and Lab Study
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Course Aims

The aim of this course is to provide knowledge about the normal structure and function of the nervous. It also aims to explain pathological changes in these structures and relate them with common nervous system diseases.

Learning Outcomes

By the end of this course, the students will be able to:

1. Explain the cellular and molecular structure and developmental processes of the nervous system
2. Use the terminology of the nervous system
3. Describe the parts of the nervous system, their structures and localizations, their relations with each other
4. Explain the functions of the nervous system
5. Explain the basic histopathologic changes of the nervous system
6. Describe infectious agents associated with the nervous system, explain the pathological changes they make, and associate them with clinical information
7. Describe the disorders of the nervous system with clinical knowledge of the occurrence of diseases
8. Describe pharmacological approaches to functional changes of the nervous system
9. Explain the biophysical mechanisms of senses.

Assessment Methods	Theoretical and Practical Examinations
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Course Name	Growth, Development and Endocrine Disorders	MED 214
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Spring
Course Dates	12.05.2025 – 13.06.2025

Theoretical Hours	58	Credit 5	ECTS 5
Practical Hours	4		
Study Hours	60		
TOTAL HOURS	122		

Course Chairs

Zeynep DURER
Ph.D., Assoc. Prof. Biophysics
zeynep.durer@acibadem.edu.tr

Mehmet ERGEN
D.V.M. Ph.D., Assist. Prof. Physiology
mehmet.ergen@acibadem.edu.tr

Faculty

Alp BAYRAMOĞLU

M.D., Ph.D., Prof. Anatomy

Mustafa AKTEKİN

M.D., Ph.D., Prof. Anatomy

Elif Nedret KESKİNÖZ

Ph.D., M.D., Assist. Prof. Anatomy

Serap ARBAK

Ph.D., Prof. Histology & Embryology

Deniz YÜCEL

Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS

Ph.D., Assist. Prof. Histology & Embryology

Pınar TOPSEVER

M.D., Prof. Family Medicine

Demet DİNÇ

M.D., Instructor Family Medicine

Fatma TOKAT

M.D., Assoc. Prof. Pathology

Aylin ALTAN KUŞ

M.D., Assoc. Prof. Radiology

Figen DEMİR

M.D., Assoc., Prof. Public Health

Filiz ONAT

M.D., Ph.D. Prof. Pharmacology

Rezzan GÜLHAN*

M.D., Prof. Medical Pharmacology

Yeşim YAŞIN

M.A, MSc. Ph.D., Assoc. Prof. Public Health

Fehime BENLİ AKSUNGAR

M.D., Prof. Medical Biochemistry

Ahmet Tarık BAYKAL

Ph.D., Assoc. Prof. Medical Biochemistry

Saygın ABALI

M.D., Assist. Prof. Pediatrics

Özlem AYDIN

M.D., Prof. Pathology

Ayça ERŞEN DANYELİ

M.D., Assoc. Prof. Pathology

Yıldız OKUTURLAR

M.D., Prof. Internal Medicine

Serap SEMİZ

M.D., Prof. Pediatrics

Yasemin ALANAY

M.D., Ph.D., Prof. Pediatrics

Rüştü SERTER*

M.D., Prof. Internal Medicine

Ender ARIKAN*

M.D., Prof. Internal Medicine

İnan ANAFOROĞLU

M.D. Prof. Internal Medicine

Müjdat KARA*

Ph.D., Prof. Medical Biochemistry

Özlem ÇELİK

M.D., Assoc. Prof. Internal Medicine

Füsun TAŞKIN

M.D., Prof. Radiology

Nihan ÜNÜBOL

Assist. Prof. Medical Microbiology

Hande YAPIŞLAR

PhD., Assoc. Prof. Physiology

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

*Visiting Professor

Educational Methods	Lectures, Lab Study, Panels, Problem Based Learning Sessions and Team Based Learning Sessions
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Course Aims

The aim of this course is to provide knowledge about the normal growth and development processes and normal structure and function of the endocrine. It also aims to explain pathological changes in these processes and structures and associate them with common growth, development and endocrine system diseases

Learning Outcomes

By the end of this subject committee, the students will be able to:

1. Explain the structures, macroscopic and microscopic properties of the structures forming the endocrine system and their development processes.
2. Explain structures, classification, effect mechanisms and functions of hormones
3. Explain normal growth and development processes
4. Classify the disorders that may occur in the endocrine system, explain the pathological changes and associate them with the basic clinical diseases.
5. Describe the growth and developmental disorders, explain the pathological changes and clinical implications associated with them
6. Explains the pharmacological approach and prevention methods to endocrine system related disorders

Assessment Methods	Theoretical and Practical Examinations, Active Attendance/ Performance Assessment
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Course Name	Research in Health -II	MED 221
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Fall
Course Dates	30.09.2024 – 31.01.2025

Theoretical Hours	45	Credit 5	ECTS 12
Practical Hours	57		
Study Hours	220		
TOTAL HOURS	322		

Course Chairs

Pınar TOPSEVER
M.D., Prof. Family Medicine
pinar.topsever@acibadem.edu.tr

Figen DEMİR
M.D., Assoc. Prof. Public Health
figen.demir@acibadem.edu.tr

Faculty

Pınar TOPSEVER
M.D., Prof. Family Medicine

Figen DEMİR
M.D., Assoc. Prof. Public Health

Melike ŞAHİNER
M.D., MSc., Ph.D., Assoc. Prof. Medical Education

Demet DİNÇ
M.D., Instructor Family Medicine

Yeşim YASİN
M.A, MSc. Ph.D., Assoc. Prof. Public Health

Filiz ONAT
M.D., Prof. Pharmacology

Şirin PARKAN
M.D., Instructor Family Medicine

Yeşim Işıl ÜLMAN
Ph.D., Prof. History of Medicine and Ethics

Educational Methods	Interactive lectures, field studies, group assignments, group presentations, peer group learning experiences, simulated patient encounters
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Course Aims

This course aims to;

Research in Health

to create a learning opportunity for students to gain knowledge and skills related to planning and conducting a medical research project.

Clinical Communication Skills: “History Taking”

- Communicating effectively with patients, their relatives and carers
- Taking a medical history in a patient-centred manner

Learning Outcomes

By the end of this course, the students will be able to:

Research in health:

- Formulate a simple relevant research question in biomedical, psychosocial or population science
- Design an appropriate study or experiment to address the question
- Plan a data collection method and develop necessary tools depending on the nature of information
- Explain the ethical and legal issues involved in medical research
- Write a research proposal
- Perform the designed study and analyze the collected data
- Present the results

Clinical and Communication Skills:

- Name the steps and define the structure of a medical patient interview
- Demonstrate active listening skills during physician-patient encounter
- Demonstrate non-verbal communication skills during physician-patient encounter
- Use empathy in a medical encounter to build up an effective physician-patient relationship
- Communicate effectively, sensitively and clearly
- Display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment

Assessment Methods	Written examination, standardized evaluation of projects and performances and group presentations of assignments, participation SP encounters and SP practiced exam.
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Course Name	Medical Ethics & Humanities-II	MED 222
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Spring
Course Dates	17.02.2025 – 16.05.2025

Theoretical Hours	31	Credit 2	ECTS 3
Practical Hours	0		
Study Hours	42		
TOTAL HOURS	73		

Course Chairs

Yeşim Işıl ÜLMAN

Ph.D., Prof. History of Medicine and Ethics
yesim.ulman@acibadem.edu.tr

Faculty

Yeşim Işıl ÜLMAN

Ph.D., Prof. History of Medicine and Ethics

Fatih ARTVİNLİ

Ph.D., Assoc. Prof. History of Medicine and Ethics

Educational Methods	Lectures, case studies, class discussions.
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Course Aims

This course aims to create a learning opportunity for students to

- understand the rights of patients, responsibilities of physicians and comprehend the beginning and end of life issues

Learning Outcomes

By the end of this subject committee, the students will be able to:

- Discuss and demonstrate awareness of ethical, moral and legal responsibilities of physicians involved in providing care to individual patients and communities
- Demonstrate her/his acceptance for compassion, respect of privacy and dignity of others in their professional life
- Demonstrate her/his acceptance for non-discrimination
- Be aware of the necessity for physicians being a role model of integrity, honesty and probity
- Accept the importance of appropriate consent
- Describe patient rights and explain the context
- Explain the evolution of patient rights
- Analyze ethical and moral dilemmas and legal and psychosocial dimensions of beginning and end of life
- Be familiar with the main documents of Patient Rights in Turkey
- Be aware of ethical conflicts due to new medical technologies such as organ transplantation, new reproductive techniques and genetics

Assessment Methods	Written examination, case analyses
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Course Name	Medical English III & IV	MED 233 - 234
Course Category	Complementary Medical Courses	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Fall & Spring
Course Dates	

Theoretical Hours	56	Credit 6	ECTS 4
Practical Hours	28		
Study Hours	40		
TOTAL HOURS	124		

Course Chairs

Pınar TOPSEVER
M.D., Prof. Family Medicine
pınar.topsever@acibadem.edu.tr

Sesin KOCAGÖZ
M.D., Prof. Infectious Diseases
sesin.kocagoz@acibadem.edu.tr

Faculty

Nafiye Çiğdem AKTEKİN
PhD., Academic English Program
Coordinator

Motassem BOWARSHI
Instructor, Foreign Languages

Educational Methods	The course will present authentic medical materials in a variety of formats with the intention of developing high level skills in reading, writing, listening and speaking English as it is used internationally in all the commonly encountered aspects of Medicine, both academic and clinical. Students will be expected to participate individually and in group work.
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Course Aims

This course aims To prepare students to function to a high level in the contemporary international field of Medicine by developing the necessary linguistic knowledge and skills to achieve this.

Learning Outcomes

By the end of this course, the students will be able to :

Demonstrate competence in reading, writing, listening to and speaking English at a level compatible with today's requirements for doctors operating in the International field of Healthcare.

Assessment Methods	The assessment is both ongoing (formative) and final (summative). Students will need to keep careful and contemporaneous records of their learning and they will be assessed on the quality of their documentation. There will be several progress tests and a final exam covering all four main skill areas as well as grammatical and lexical knowledge.
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YEAR 2
FALL
SEMESTER
SCHEDULE



30.09.2024 MONDAY

10:10 - 10:50	Introduction Lecture	Arel GERELİ
11:00 - 11:40	Introduction to Year II	Zeynep DURER-Mehmet ERGEN
11:50 - 12:30	Introduction to MED213 Musculoskeletal System	Zeynep DURER-Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of cartilage	Merve AÇIKEL ELMAS
14:20 - 15:00	Human anatomy; general considerations	Alp BAYRAMOĞLU
15:10 - 15:50	Musculoskeletal system; general considerations	Elif KESKİNÖZ
16:00 - 16:40	Musculoskeletal system; general considerations	Elif KESKİNÖZ
16:50 - 17:30	Elective Course III/Study Time	

01.10.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS: Introduction to CMPS	TOPSEVER, DEMİR
11:00 - 11:40	Histology of bone and osteogenesis	Deniz YÜCEL
11:50 - 12:30	Histology of bone and osteogenesis	Deniz YÜCEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

02.10.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to the Anatomy TBL and FC Sessions	Mustafa AKTEKİN
10:10 - 10:50	Anatomy Laboratory Introduction	Mustafa AKTEKİN
11:00 - 11:40	Biomechanics of muscle contraction	Beki KAN
11:50 - 12:30	Biomechanics of muscle contraction	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to Elective in Medicine	
14:20 - 15:00	Introduction to Elective in Medicine	
15:10 - 15:50	TBL 1 Study Time: Upper Extremity Bones	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

03.10.2024 THURSDAY

08:30 - 09:10	Vectors, forces and Newton's Law	Zeynep DURER
09:20 - 10:00	Vectors, forces and Newton's Law	Zeynep DURER
10:10 - 10:50	LAB: Histology of cartilage / Histology of bone and osteogenesis -Group A	ARBAK, YÜCEL, A.ELMAS
11:00 - 11:40	LAB: Histology of cartilage / Histology of bone and osteogenesis -Group A	ARBAK, YÜCEL, A.ELMAS
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of cartilage / Histology of bone and osteogenesis -Group B	ARBAK, YÜCEL, A.ELMAS
14:20 - 15:00	LAB: Histology of cartilage / Histology of bone and osteogenesis -Group B	ARBAK, YÜCEL, A.ELMAS
15:10 - 15:50	TBL 1 Study Time: Upper Extremity Bones	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

04.10.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Bone cycle and biomarkers	Fehime AKSUNGAR
10:10 - 10:50	Calcium homeostasis	Fehime AKSUNGAR
11:00 - 11:40	Calcium homeostasis	Fehime AKSUNGAR
11:50 - 12:30	Meeting with mentor	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	TBL 1 Study Time: Upper Extremity Bones	
15:10 - 15:50	TBL 1 Study Time: Upper Extremity Bones	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

07.10.2024 MONDAY		
08:30 - 09:10	TBL 1 Group Study Time: Upper Extremity Bones	Anatomy Lab
09:20 - 10:00	Collagen structure and synthesis	Fehime AKSUNGAR
10:10 - 10:50	Collagen structure and synthesis	Fehime AKSUNGAR
11:00 - 11:40	Histology of muscle	Serap ARBAK
11:50 - 12:30	Histology of muscle	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiology of muscle contraction (skeletal and smooth)	Meltem KOLGAZI
14:20 - 15:00	Physiology of muscle contraction (skeletal and smooth)	Meltem KOLGAZI
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

08.10.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Biochemistry of synovial fluid	Fehime AKSUNGAR
10:10 - 10:50	Muscle proteins	Fehime AKSUNGAR
11:00 - 11:40	CMPS/RinH-II: Introduction to Research in Health and research process	Figen DEMİR
11:50 - 12:30	CMPS/RinH-II: Formulating a research question	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

09.10.2024 WEDNESDAY		
08:30 - 09:10	TBL 1: Readiness test "upper extremity bones"	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
09:20 - 10:00	TBL 1 LAB: Upper extremity bones Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	TBL 1 LAB: Upper extremity bones Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	TBL 1 LAB: Upper extremity bones Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	TBL 1 LAB: Upper extremity bones Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

10.10.2024 THURSDAY		
08:30 - 09:10	TBL 2 Study Time: Lower Extremity Bones	
09:20 - 10:00	TBL 2 Study Time: Lower Extremity Bones	
10:10 - 10:50	TBL 2 Study Time: Lower Extremity Bones	
11:00 - 11:40	Bioenergetics of muscle contraction	Beki KAN
11:50 - 12:30	Bioenergetics of muscle contraction	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
14:20 - 15:00	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
15:10 - 15:50	TBL 2 Study Time: Lower Extremity Bones	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

11.10.2024 FRIDAY		
08:30 - 09:10	TBL 2 Study Time: Lower Extremity Bones	
09:20 - 10:00	LAB: Histology of muscle_ Group B	ARBAK, YÜCEL, A.ELMAS
10:10 - 10:50	LAB: Histology of muscle_ Group B	ARBAK, YÜCEL, A.ELMAS
11:00 - 11:40	LAB: Histology of muscle_ Group A	ARBAK, YÜCEL, A.ELMAS
11:50 - 12:30	LAB: Histology of muscle_ Group A	ARBAK, YÜCEL, A.ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Pharmacokinetics: Drug metabolism and elimination	Filiz ONAT
15:10 - 15:50	Pharmacokinetics: Drug metabolism and elimination	Filiz ONAT
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

14.10.2024 MONDAY		
08:30 - 09:10	TBL 2 Group Study Time: Lower Extremity Bones	Anatomy Lab
09:20 - 10:00	Regulation and control of muscle contraction	Meltem KOLGAZI
10:10 - 10:50	Regulation and control of muscle contraction	Meltem KOLGAZI
11:00 - 11:40	Work, energy, and power	Zeynep DURER
11:50 - 12:30	Work, energy, and power	Zeynep DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Infections of the soft tissue	Hülya KUŞOĞLU
14:20 - 15:00	Infections of the soft tissue	Hülya KUŞOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

15.10.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Meeting with Mentor	
11:00 - 11:40	CMPS/RinH-II: Identifying variables	Pınar TOPSEVER
11:50 - 12:30	CMPS/RinH-II: Main types of scientific research	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

16.10.2024 WEDNESDAY		
08:30 - 09:10	TBL 2: Readiness test " Lower Extremity Bones"	Alp BAYRAMOĞLU
09:20 - 10:00	TBL 2 LAB: Lower Extremity Bones Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	TBL 2 LAB: Lower Extremity Bones Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	TBL 2 LAB: Lower Extremity Bones Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	TBL 2 LAB: Lower Extremity Bones Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

17.10.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Development of skeletal system	Merve AÇIKEL ELMAS
10:10 - 10:50	Development of skeletal system	Merve AÇIKEL ELMAS
11:00 - 11:40	Gravity, equilibrium, torque	Pınar MEGA TİBER
11:50 - 12:30	Equilibrium of the body	Pınar MEGA TİBER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL 3 Study Time: Splanchnocranium & Neurocranium & Skull (Normas)	
14:20 - 15:00	TBL 3 Study Time: Splanchnocranium & Neurocranium & Skull (Normas)	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

18.10.2024 FRIDAY		
08:30 - 09:10	TBL 3 Study Time: Splanchnocranium & Neurocranium & Skull (Normas)	
09:20 - 10:00	TBL 3 Study Time: Splanchnocranium & Neurocranium & Skull (Normas)	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

21.10.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBL 3 Group Study Time: Splanchnocranium & Neurocranium & Skull (Normas)	Anatomy Lab
10:10 - 10:50	TBL 3: Readiness test "Splanchnocranium & Neurocranium & Skull (Normas)"	Elif KESKİNÖZ
11:00 - 11:40	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
14:20 - 15:00	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

22.10.2024 TUESDAY		
08:30 - 09:10	TBL 4 Study Time: Vertebrae , Ribs, Sternum	
09:20 - 10:00	TBL 4 Study Time: Vertebrae , Ribs, Sternum	
10:10 - 10:50	TBL 4 Study Time: Vertebrae , Ribs, Sternum	
11:00 - 11:40	CMPS/RinH-II: Qualitative studies	Yeşim YASIN
11:50 - 12:30	CMPS/RinH-II:Cross-sectional studies	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

23.10.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBL 4 Study Time: Vertebrae , Ribs, Sternum	
10:10 - 10:50	TBL 4 Group Study Time: Vertebrae , Ribs, Sternum	Anatomy Lab
11:00 - 11:40	Joints of Upper Extremity	Mustafa AKTEKİN
11:50 - 12:30	Joints of Upper Extremity	Mustafa AKTEKİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

24.10.2024 THURSDAY		
08:30 - 09:10	TBL 4 : Readiness test "Vertebrae , Ribs, Sternum"	Mustafa AKTEKİN
09:20 - 10:00	TBL 4 LAB: Vertebrae, Ribs, Sternum Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	TBL 4 LAB: Vertebrae, Ribs, Sternum Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	TBL 4 LAB: Vertebrae, Ribs, Sternum Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	TBL 4 LAB: Vertebrae, Ribs, Sternum Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC1: Study Time: Superficial back, shoulder, axillary & pectoral regions and breast	
14:20 - 15:00	FC1: Study Time: Superficial back, shoulder, axillary & pectoral regions and breast	
15:10 - 15:50	FC1: Study Time: Superficial back, shoulder, axillary & pectoral regions and breast	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

25.10.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	FC1: Group Study Time: Superficial back, shoulder, axillary & pectoral regions and breast	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	CMPS/RinH-II:Cohort studies	Figen DEMİR
15:10 - 15:50	CMPS/RinH-II:Cohort studies	Figen DEMİR
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

28.10.2024 MONDAY	
08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	
16:50 - 17:30	

29.10.2024 TUESDAY	
08:30 - 09:10	
09:20 - 10:00	
10:10 - 10:50	
11:00 - 11:40	
11:50 - 12:30	
12:30 - 13:30	Republic Day
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	
16:50 - 17:30	

30.10.2024 WEDNESDAY		
08:30 - 09:10	LAB: Joints of Upper Extremity_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
09:20 - 10:00	LAB: Joints of Upper Extremity_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	Bone Fracture Healing	Özlem AYDIN
11:00 - 11:40	FC1 Discussion: Superficial back, shoulder, axillary & pectoral regions and breast	Alp BAYRAMOĞLU
11:50 - 12:30	FC1 Discussion: Superficial back, shoulder, axillary & pectoral regions and breast	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

31.10.2024 THURSDAY		
08:30 - 09:10	LAB: Superficial back, Shoulder, axillary & pectoral regions, breast,A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
09:20 - 10:00	LAB: Superficial back, Shoulder, axillary & pectoral regions, breast,A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	Physical principles of CT, MRI and ultrasonography	Oya ORUN
11:00 - 11:40	EMG	Beki KAN
11:50 - 12:30	Fractures, general principles	Sefa GÜRSOY
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Superficial back, Shoulder, axillary & pectoral regions, breast-B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
14:20 - 15:00	LAB: Superficial back, Shoulder, axillary & pectoral regions, breast-B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

01.11.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	FC2 Study Time: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand	
10:10 - 10:50	FC2 Study Time: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand	
11:00 - 11:40	FC2 Study Time: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand	
11:50 - 12:30	FC2 Study Time: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: case-control studies	Pınar TOPSEVER
14:20 - 15:00	CMPS/RinH-II: case-control studies	Pınar TOPSEVER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

04.11.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	FC2 Group Study Time: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand	Anatomy Lab
10:10 - 10:50	Joints of Axial Skeleton	Alp BAYRAMOĞLU
11:00 - 11:40	Joints of Axial Skeleton	Alp BAYRAMOĞLU
11:50 - 12:30	Etiologies of bone and joint infections	Serap GENÇER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC2 Discussion: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand	Elif KESKİNÖZ
14:20 - 15:00	FC2 Discussion: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand	Elif KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.11.2024 TUESDAY		
08:30 - 09:10	LAB: Joints of Axial Skeleton_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
09:20 - 10:00	LAB: Joints of Axial Skeleton_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	CMPS/RinH-II:Experimental studies	Figen DEMİR
11:00 - 11:40	CMPS/RinH-II:Experimental studies	Figen DEMİR
11:50 - 12:30	CMPS/RinH-II:Animal Studies	Melike ŞAHİNER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

06.11.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Work related musculoskeletal disorders (ergonomy)	Yeşim YAŞIN
10:10 - 10:50	Pharmacodynamics: Principles of drug actions	Rezzan GÜLHAN
11:00 - 11:40	LAB: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand_A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand_A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

07.11.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand_B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
14:20 - 15:00	LAB: Anterior and posterior aspect of arm and cubital fossa, Anterior and posterior aspect of forearm and Hand_B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

08.11.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Brachial plexus	Alp BAYRAMOĞLU
10:10 - 10:50	Brachial plexus	Alp BAYRAMOĞLU
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

11.11.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Brachial plexus _Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Brachial plexus _Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Brachial plexus _Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Brachial plexus _Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Meeting With Mentor	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

12.11.2024 TUESDAY

08:30 - 09:10	LAB: upper extremity cover laboratory	Anatomy Lab
09:20 - 10:00	Pharmacodynamics:drug receptor interactions and dose-response relations	Rezzan GÜLHAN
10:10 - 10:50	Pharmacodynamics:drug receptor interactions and dose-response relations	Rezzan GÜLHAN
11:00 - 11:40	CMPS/RinH-II:Clinical & drug research	Filiz ONAT
11:50 - 12:30	CMPS/RinH-II:Clinical & drug research	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	MED233 Medical English III Midterm Exam	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	MED233 Medical English III Midterm Exam	BAVARŞI, CEZZAROĞLU
16:50 - 17:30	Elective Course III/Study Time	

13.11.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Genetic disorders of bone	Yasemin ALANAY
10:10 - 10:50	Genetic disorders of bone	Yasemin ALANAY
11:00 - 11:40	MED213 Formative Assessment I	Eiif KESKİNÖZ
11:50 - 12:30	MED213 Formative Assessment I	Eiif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

14.11.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED213 PRATICAL EXAMINATION I	Anatomy Lab
11:50 - 12:30	MED213 PRATICAL EXAMINATION I	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

15.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED213 THEORETICAL EXAMINATION I	
15:10 - 15:50	MED213 THEORETICAL EXAMINATION I	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

18.11.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Joints of Lower Extremity	Elif KESKİNÖZ
10:10 - 10:50	Joints of Lower Extremity	Elif KESKİNÖZ
11:00 - 11:40	Pharmacogenetics:receptors, transporters and enzymes polymorphisms	Filiz ONAT
11:50 - 12:30	Pharmacogenetics:receptors, transporters and enzymes polymorphisms	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

19.11.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/RinH-II: Sampling Methods	Figen DEMİR
11:00 - 11:40	CMPS/RinH-II: Data collection methods & tools	Pınar TOPSEVER
11:50 - 12:30	CMPS/RinH-II: Data collection methods & tools	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	LAB: Joints of lower extremity_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:50 - 17:30	LAB: Joints of lower extremity_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ

20.11.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Gluteal region and posterior aspect of thigh	Elif Nedret KESKİNÖZ
10:10 - 10:50	Gluteal region and posterior aspect of thigh	Elif Nedret KESKİNÖZ
11:00 - 11:40	Anterior & medial thigh & femoral triangle	Alp BAYRAMOĞLU
11:50 - 12:30	Anterior & medial thigh & femoral triangle	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

21.11.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of arthritis	Özlem AYDIN
10:10 - 10:50	Neoplastic disease of bone and joint	Özlem AYDIN
11:00 - 11:40	Neoplastic disease of bone and joint	Özlem AYDIN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Gluteal region and posterior aspect of thigh_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
14:20 - 15:00	LAB: Gluteal region and posterior aspect of thigh_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	LAB: Gluteal region and posterior aspect of thigh_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:00 - 16:40	LAB: Gluteal region and posterior aspect of thigh_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:50 - 17:30	FC3 Study Time: Popliteal fossa, leg and foot	

22.11.2024 FRIDAY		
08:30 - 09:10	FC3 Study Time: Popliteal fossa, leg and foot	
09:20 - 10:00	FC3 Study Time: Popliteal fossa, leg and foot	
10:10 - 10:50	FC3 Study Time: Popliteal fossa, leg and foot	
11:00 - 11:40	Drug interactions and factors affecting drug interactions	Filiz ONAT
11:50 - 12:30	Drug interactions and factors affecting drug interactions	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

25.11.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Anterior & medial thigh & femoral triangle_ Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Anterior & medial thigh & femoral triangle_ Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Anterior & medial thigh & femoral triangle_ Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Anterior & medial thigh & femoral triangle_ Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lumbosacral plexus & posterior abdominal wall	Elif Nedret KESKİNÖZ
14:20 - 15:00	Lumbosacral plexus & posterior abdominal wall	Elif Nedret KESKİNÖZ
15:10 - 15:50	FC3 Group Study Time: Popliteal fossa ,Leg , Foot	Anatomy Lab
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.11.2024 TUESDAY		
08:30 - 09:10	FC3 Discussion: Popliteal fossa, Leg & Foot	Elif Nedret KESKİNÖZ
09:20 - 10:00	FC3 Discussion: Popliteal fossa, Leg & Foot	Elif Nedret KESKİNÖZ
10:10 - 10:50	CMPS/RinH-II: Research Ethics	Yeşim IŞIL ÜLMAN
11:00 - 11:40	CMPS/RinH-II: Research Ethics	Yeşim IŞIL ÜLMAN
11:50 - 12:30	CMPS/RinH-II: Writing a research proposal	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

27.11.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Popliteal fossa, Leg & Foot_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Popliteal fossa, Leg & Foot_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Popliteal fossa, Leg & Foot_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Popliteal fossa, Leg & Foot_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

28.11.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Degenerative joint disease	Işıl KARTALOĞLU
10:10 - 10:50	Osteomyelitis and septic arthritis	Yiğit CIRDI
11:00 - 11:40	LAB: Lumbosacral plexus and posterior abdominal wall_ Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Lumbosacral plexus and posterior abdominal wall_ Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Traumatic dislocations and soft tissue injuries	Gökhan KARADEMİR
14:20 - 15:00	LAB: Lumbosacral plexus and posterior abdominal wall_ Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	LAB: Lumbosacral plexus and posterior abdominal wall_ Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

29.11.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Metabolic bone diseases and osteomyelitis	Özlem AYDIN
10:10 - 10:50	Soft tissue tumors	Özlem AYDIN
11:00 - 11:40	Soft tissue tumors	Özlem AYDIN
11:50 - 12:30	Approach to the patient with arthritis	Mehmet KARAARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Superficial structures of the face	Mustafa AKTEKİN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

02.12.2024 MONDAY		
08:30 - 09:10	FC4 Study Time: Temporal region, temporomandibular joint, muscles of mastication	
09:20 - 10:00	FC4 Study Time: Temporal region, temporomandibular joint, muscles of mastication	
10:10 - 10:50	FC4 Study Time: Infratemporal fossa & Pterygopalatine fossa	
11:00 - 11:40	FC4 Study Time: Infratemporal fossa & Pterygopalatine fossa	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Superficial structures of the face_ Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
14:20 - 15:00	LAB: Superficial structures of the face_ Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

03.12.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	CMPS/RinH-II: Written Examination	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

04.12.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	FC4 Group Study Time: Temporal region, Temporomandibular joint, muscles of mastication, Infratemporal fossa & Pterygopalatine fossa	Anatomy Lab
10:10 - 10:50	Management of symptoms of func. impairment related MSD in PHC	Efe ONGANER
11:00 - 11:40	Development of Head and Neck	Merve AÇIKEL ELMAS
11:50 - 12:30	Development of Head and Neck	Merve AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.12.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Radiological anatomy and algorithym of the musculoskeletal system	Sebahat NACAR DOĞAN
10:10 - 10:50	Radiological anatomy and algorithym of the musculoskeletal system	Sebahat NACAR DOĞAN
11:00 - 11:40	Osteoporosis	Emrullah HAYTA
11:50 - 12:30	Soft tissue rheumatism	Emrullah HAYTA
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Anti-inflammatory- analgesic drugs	Filiz ONAT
14:20 - 15:00	Anti-inflammatory- analgesic drugs	Filiz ONAT
15:10 - 15:50	Disease modifying antirheumatic drugs	Medine GÜLÇEPE İDRİZOĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

06.12.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	FC4 Discussion: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & Pterygopalatine fossa	Mustafa AKTEKİN
11:00 - 11:40	FC4 Discussion: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & Pterygopalatine fossa	Mustafa AKTEKİN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

09.12.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & Pterygopalatine fossa_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & Pterygopalatine fossa_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & Pterygopalatine fossa_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & Pterygopalatine fossa_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

10.12.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/RinH-II_CCS: Introduction to clinical communication skills	Pınar TOPSEVER
11:00 - 11:40	CMPS/RinH-II_CCS: Patient centered approach	Şirin PARKAN
11:50 - 12:30	LAB: lower extremity cover laboratory	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

11.12.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	MED213 Formative Assessment II	Eiif KESKİNÖZ
11:00 - 11:40	MED213 Formative Assessment II	Eiif KESKİNÖZ
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

12.12.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED213 PRACTICAL EXAMINATION II	Anatomy Lab
11:50 - 12:30	MED213 PRACTICAL EXAMINATION II	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

13.12.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED213 THEORETICAL EXAMINATION II	
15:10 - 15:50	MED213 THEORETICAL EXAMINATION II	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

16.12.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to MED211 Microorganism and Infection	Zeynep DURER-Mehmet ERGEN
10:10 - 10:50	Diagnostic Methods in Microbiology Laboratory	Tanıl KOCAGÖZ
11:00 - 11:40	Diagnostic Methods in Microbiology Laboratory	Tanıl KOCAGÖZ
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Heat and temperature, heat transfer	Zeynep DURER
14:20 - 15:00	Heat and temperature, heat transfer	Zeynep DURER
15:10 - 15:50	FC1 Study Time: Gram Positive Cocci	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

17.12.2024 TUESDAY

08:30 - 09:10	FC1 Study Time: Gram Positive Cocci	
09:20 - 10:00	FC1 Study Time: Gram Positive Cocci	
10:10 - 10:50	Temperature transducers, thermography	Beki KAN
11:00 - 11:40	CMPS/RinH-II_CCS: how to take a patients history-1	Demet DİNÇ
11:50 - 12:30	CMPS/RinH-II_CCS: how to take a patients history-1	Demet DİNÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

18.12.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	FC2 Study Time: Gram Positive Bacilli	
10:10 - 10:50	Epidemiology and prevention of infectious diseases	Yeşim YASİN
11:00 - 11:40	Epidemiology and prevention of infectious diseases	Yeşim YASİN
11:50 - 12:30	FC1 Discussion: Gram Positive Cocci	Sinem ÖKTEM OKULLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

19.12.2024 THURSDAY

08:30 - 09:10	FC2 Study Time: Gram Positive Bacilli	
09:20 - 10:00	FC2 Study Time: Gram Positive Bacilli	
10:10 - 10:50	FC2 Study Time: Gram Positive Bacilli	
11:00 - 11:40	Thermoregulatory functions of the hypothalamus	Hande YAPIŞLAR
11:50 - 12:30	Thermoregulatory functions of the hypothalamus	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC3 Study Time: Enterobacteriaceae-I	
14:20 - 15:00	FC3 Study Time: Enterobacteriaceae-I	
15:10 - 15:50	FC3 Study Time: Enterobacteriaceae-I	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

20.12.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	FC2 Discussion: Gram positive bacilli	Yeşim GÜROL
11:00 - 11:40	FC2 Discussion: Gram positive bacilli	Yeşim GÜROL
11:50 - 12:30	FC3 Study Time: Enterobacteriaceae-II	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC3 Study Time: Enterobacteriaceae-II	
14:20 - 15:00	FC3 Study Time: Enterobacteriaceae-II	
15:10 - 15:50	FC3 Study Time: Enterobacteriaceae-II	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

23.12.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	FC3 Discussion: Enterobacteriaceae-I	Yeşim GÜROL
10:10 - 10:50	FC3 Discussion: Enterobacteriaceae-I	Yeşim GÜROL
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-I	
14:20 - 15:00	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-I	
15:10 - 15:50	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-I	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

24.12.2024 TUESDAY		
08:30 - 09:10	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-I	
09:20 - 10:00	FC3 Discussion: Enterobacteriaceae-II	Yeşim GÜROL
10:10 - 10:50	FC3 Discussion: Enterobacteriaceae-II	Yeşim GÜROL
11:00 - 11:40	CMPS/RinH-II_CCS: how to take a patients history-2	Şirin PARKAN
11:50 - 12:30	CMPS/RinH-II_CCS: how to take a patients history-2	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

25.12.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB 1: Microbiology Module -Group A	GÜROL, AYAŞ
10:10 - 10:50	LAB 1: Microbiology Module -Group A	GÜROL, AYAŞ
11:00 - 11:40	LAB 1: Microbiology Module -Group B	GÜROL, AYAŞ
11:50 - 12:30	LAB 1: Microbiology Module -Group B	GÜROL, AYAŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

26.12.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB 1: Microbiology Module -Group C	OKULLU,KURT
10:10 - 10:50	LAB 1: Microbiology Module -Group C	OKULLU,KURT
11:00 - 11:40	LAB 1: Microbiology Module -Group D	OKULLU,KURT
11:50 - 12:30	LAB 1: Microbiology Module -Group D	OKULLU,KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
14:20 - 15:00	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
15:10 - 15:50	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

27.12.2024 FRIDAY		
08:30 - 09:10	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-II	
09:20 - 10:00	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-II	
10:10 - 10:50	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-II	
11:00 - 11:40	FC4 Discussion: Nonfermenter and Other Gram negative bacilli-I	Yeşim GÜROL
11:50 - 12:30	FC4 Discussion: Nonfermenter and Other Gram negative bacilli-I	Yeşim GÜROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	FC4 Study Time: Nonfermenter and Other Gram negative bacilli-II	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

30.12.2024 MONDAY

08:30 - 09:10	FC5 Study Time: Gram negative cocci and coccobacilli
09:20 - 10:00	FC5 Study Time: Gram negative cocci and coccobacilli
10:10 - 10:50	FC5 Study Time: Gram negative cocci and coccobacilli
11:00 - 11:40	FC5 Study Time: Gram negative cocci and coccobacilli
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Elective Course III/Study Time
16:50 - 17:30	Elective Course III/Study Time

31.12.2024 TUESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

01.01.2025 WEDNESDAY

08:30 - 09:10	
09:20 - 10:00	
10:10 - 10:50	
11:00 - 11:40	
11:50 - 12:30	
12:30 - 13:30	New Year's Day
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	
16:50 - 17:30	

02.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB 2: Microbiology Module -Group A	KURT, AYAŞ
10:10 - 10:50	LAB 2: Microbiology Module -Group B	KURT, AYAŞ
11:00 - 11:40	LAB 2: Microbiology Module -Group C	KURT, AYAŞ
11:50 - 12:30	LAB 2: Microbiology Module -Group D	KURT, AYAŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC4 Discussion Time: Nonfermenter and Other Gram negative bacilli-II	Yeşim GÜROL
14:20 - 15:00	FC4 Discussion Time: Nonfermenter and Other Gram negative bacilli-II	Yeşim GÜROL
15:10 - 15:50	General Principles of Antimicrobial Chemotherapy	Rezzan GÜLHAN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

03.01.2025 FRIDAY

08:30 - 09:10	FC6 Study Time: Legionella, Bortanella and Spirochets	
09:20 - 10:00	FC6 Study Time: Legionella, Bortanella and Spirochets	
10:10 - 10:50	FC6 Study Time: Legionella, Bortanella and Spirochets	
11:00 - 11:40	FC5 Discussion Time: Gram negative cocci and coccobacilli	Yeşim GÜROL
11:50 - 12:30	FC5 Discussion Time: Gram negative cocci and coccobacilli	Yeşim GÜROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

06.01.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	FC7 Study Time: Anaerobic bacteria	
10:10 - 10:50	FC7 Study Time: Anaerobic bacteria	
11:00 - 11:40	FC6 Discussion Time : Legionella,Bortenella and Spirochets	Yeşim GÜROL
11:50 - 12:30	FC6 Discussion Time : Legionella,Bortenella and Spirochets	Yeşim GÜROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Mycobacteria, Nocardia and Actinomycetes	Tanıl KOCAGÖZ
14:20 - 15:00	Mycobacteria, Nocardia and Actinomycetes	Tanıl KOCAGÖZ
15:10 - 15:50	FC7 Study Time: Anaerobic bacteria	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

07.01.2025 TUESDAY		
08:30 - 09:10	FC7 Study Time: Anaerobic bacteria	
09:20 - 10:00	Mycoplasma, Chlamydia, Rickettsiae	Tanıl KOCAGÖZ
10:10 - 10:50	Mycoplasma, Chlamydia, Rickettsiae	Tanıl KOCAGÖZ
11:00 - 11:40	Sulfonamids, trimethoprim sulfamethoxazole and quinolones	Filiz ONAT
11:50 - 12:30	Protein synthesis inhibitors and miscellaneous antimicrobial agents	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED233 Medical English III	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

08.01.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB 3: Microbiology Module- Group A	GÜROL, KURT
10:10 - 10:50	LAB 3: Microbiology Module- Group A	GÜROL, KURT
11:00 - 11:40	LAB 3: Microbiology Module- Group B	GÜROL, KURT
11:50 - 12:30	LAB 3: Microbiology Module- Group B	GÜROL, KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

09.01.2025 THURSDAY		
08:30 - 09:10	FC8 Study Time: RNA viruses-I	
09:20 - 10:00	LAB 3: Microbiology Module- Group C	OKULLU, AYAŞ
10:10 - 10:50	LAB 3: Microbiology Module- Group C	OKULLU, AYAŞ
11:00 - 11:40	LAB 3: Microbiology Module- Group D	OKULLU, AYAŞ
11:50 - 12:30	LAB 3: Microbiology Module- Group D	OKULLU, AYAŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Antimicrobial agents, mechanisms of action and resistance	Tanıl KOCAGÖZ
14:20 - 15:00	Antimicrobial agents, mechanisms of action and resistance	Tanıl KOCAGÖZ
15:10 - 15:50	Antimicrobial agents, mechanisms of action and resistance	Tanıl KOCAGÖZ
16:00 - 16:40	FC8 Study Time: RNA viruses-I	
16:50 - 17:30	FC8 Study Time: RNA viruses-I	

10.01.2025 FRIDAY		
08:30 - 09:10	FC8 Study Time: RNA viruses-I	
09:20 - 10:00	Normal Human Microbiota	Meltem AYAŞ
10:10 - 10:50	Normal Human Microbiota	Meltem AYAŞ
11:00 - 11:40	FC7 Discussion Time: Anaerobic bacteria	Yeşim GÜROL
11:50 - 12:30	FC7 Discussion Time: Anaerobic bacteria	Yeşim GÜROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	DNA viruses	Tanıl KOCAGÖZ
14:20 - 15:00	DNA viruses	Tanıl KOCAGÖZ
15:10 - 15:50	DNA viruses	Tanıl KOCAGÖZ
16:00 - 16:40	CMPS/RinH-II: Research proposal presentation	
16:50 - 17:30	Elective Course III/Study Time	

13.01.2025 MONDAY		
08:30 - 09:10	CMPS/RinH-II_CCS: SP encounter	CASE
09:20 - 10:00	CMPS/RinH-II_CCS: SP encounter	CASE
10:10 - 10:50	CMPS/RinH-II_CCS: SP encounter	CASE
11:00 - 11:40	CMPS/RinH-II_CCS: SP encounter	CASE
11:50 - 12:30	CMPS/RinH-II_CCS: SP encounter	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II_CCS: SP encounter	CASE
14:20 - 15:00	CMPS/RinH-II_CCS: SP encounter	CASE
15:10 - 15:50	CMPS/RinH-II_CCS: SP encounter	CASE
16:00 - 16:40	CMPS/RinH-II_CCS: SP encounter	CASE
16:50 - 17:30	CMPS/RinH-II_CCS: SP encounter	CASE

14.01.2025 TUESDAY		
08:30 - 09:10	CMPS/RinH-II_CCS: SP encounter	CASE
09:20 - 10:00	CMPS/RinH-II_CCS: SP encounter	CASE
10:10 - 10:50	CMPS/RinH-II_CCS: SP encounter	CASE
11:00 - 11:40	CMPS/RinH-II_CCS: SP encounter	CASE
11:50 - 12:30	CMPS/RinH-II_CCS: SP encounter	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II_CCS: SP encounter	CASE
14:20 - 15:00	CMPS/RinH-II_CCS: SP encounter	CASE
15:10 - 15:50	CMPS/RinH-II_CCS: SP encounter	CASE
16:00 - 16:40	CMPS/RinH-II_CCS: SP encounter	CASE
16:50 - 17:30	CMPS/RinH-II_CCS: SP encounter	CASE

15.01.2025 WEDNESDAY		
08:30 - 09:10	CMPS/RinH-II_CCS: SP encounter	CASE
09:20 - 10:00	CMPS/RinH-II_CCS: SP encounter	CASE
10:10 - 10:50	CMPS/RinH-II_CCS: SP encounter	CASE
11:00 - 11:40	CMPS/RinH-II_CCS: SP encounter	CASE
11:50 - 12:30	CMPS/RinH-II_CCS: SP encounter	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC8 Discussion: RNA viruses-I	Yeşim GÜROL
14:20 - 15:00	FC8 Discussion: RNA viruses-I	Yeşim GÜROL
15:10 - 15:50	FC8 Study Time: RNA viruses-II	
16:00 - 16:40	FC8 Study Time: RNA viruses-II	
16:50 - 17:30	FC8 Study Time: RNA viruses-II	

16.01.2025 THURSDAY		
08:30 - 09:10	FC8 Study Time: RNA viruses-II	
09:20 - 10:00	DNA viruses	Tanıl KOCAGÖZ
10:10 - 10:50	DNA viruses	Tanıl KOCAGÖZ
11:00 - 11:40	Slow viruses and prions	Hülya KUŞOĞLU
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cancer chemotherapeutics	Filiz ONAT
14:20 - 15:00	Cancer chemotherapeutics	Filiz ONAT
15:10 - 15:50	FC8 Discussion: RNA viruses-II	Yeşim GÜROL
16:00 - 16:40	FC8 Discussion: RNA viruses-II	Yeşim GÜROL
16:50 - 17:30	Elective Course III/Study Time	

17.01.2025 FRIDAY		
08:30 - 09:10	CMPS/RinH-II: Research proposal presentation	
09:20 - 10:00	CMPS/RinH-II: Research proposal presentation	
10:10 - 10:50	CMPS/RinH-II: Research proposal presentation	
11:00 - 11:40	CMPS/RinH-II: Research proposal presentation	
11:50 - 12:30	CMPS/RinH-II: Research proposal presentation	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Research proposal presentation	
14:20 - 15:00	CMPS/RinH-II: Research proposal presentation	
15:10 - 15:50	CMPS/RinH-II: Research proposal presentation	
16:00 - 16:40	CMPS/RinH-II: Research proposal presentation	
16:50 - 17:30	CMPS/RinH-II: Research proposal presentation	

20.01.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Oncogenic viruses	Tanıl KOCAGÖZ
10:10 - 10:50	Introduction to medical parasitology	Özgür KURT
11:00 - 11:40	Parasitology-Protozoa	Özgür KURT
11:50 - 12:30	Aminoglycosides	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Chemotherapy of tuberculosis and leprosy	Rezzan GÜLHAN
14:20 - 15:00	Parasitology-Protozoa	Özgür KURT
15:10 - 15:50	Parasitology-Protozoa	Özgür KURT
16:00 - 16:40	Parasitology-Helminths	Özgür KURT
16:50 - 17:30	Elective Course III/Study Time	

21.01.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Parasitology-Helminths	Özgür KURT
10:10 - 10:50	Parasitology-Helminths	Özgür KURT
11:00 - 11:40	Parasitology-Arthropods	Özgür KURT
11:50 - 12:30	Parasitology-Arthropods	Özgür KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED233 Medical English III Final Exam	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED233 Medical English III Final Exam	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

22.01.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Microbiology Module _Group A	AYAŞ, KURT
10:10 - 10:50	LAB: Microbiology Module _Group B	AYAŞ, KURT
11:00 - 11:40	LAB: Microbiology Module _Group C	AYAŞ, KURT
11:50 - 12:30	LAB: Microbiology Module _Group D	AYAŞ, KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
14:20 - 15:00	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
15:10 - 15:50	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
16:00 - 16:40	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
16:50 - 17:30	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN

23.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Yeast and molds	Neval YURTTUTAN UYAR
10:10 - 10:50	Yeast and molds	Neval YURTTUTAN UYAR
11:00 - 11:40	Yeast and molds	Neval YURTTUTAN UYAR
11:50 - 12:30	Antiviral agents	Rezzan GÜLHAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Antifungal agents	Medine Gülçebi İDRİZ OĞLU
14:20 - 15:00	Chemotherapy of parasitic (protozoal and helminth) infections	Rezzan GÜLHAN
15:10 - 15:50	Chemotherapy of parasitic (protozoal and helminth) infections	Rezzan GÜLHAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.01.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
14:20 - 15:00	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
15:10 - 15:50	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
16:00 - 16:40	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN
16:50 - 17:30	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	TOPSEVER, DİNÇ , KİTAPÇIOĞLU, PARKAN

27.01.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED211 Formative Assessment I	Özgür KURT
14:20 - 15:00	MED211 Formative Assessment I	Özgür KURT
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.01.2025 TUESDAY

08:30 - 09:10	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
09:20 - 10:00	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
10:10 - 10:50	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
11:00 - 11:40	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
11:50 - 12:30	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
14:20 - 15:00	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
15:10 - 15:50	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
16:00 - 16:40	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE
16:50 - 17:30	CMPS/RinH-II_CCS: History taking practical examination with SPs	CASE

29.01.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED211 PRACTICAL EXAMINATION	GÜROL, OKULLU, KURT, AYAŞ
15:10 - 15:50	MED211 PRACTICAL EXAMINATION	GÜROL, OKULLU, KURT, AYAŞ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.01.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED211 THEORETICAL EXAMINATION	
11:50 - 12:30	MED211 THEORETICAL EXAMINATION	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

YEAR 2
SPRING
SEMESTER
SCHEDULE



17.02.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to MED212 Nervous System	Zeynep DURER-Mehmet ERGEN
10:10 - 10:50	Overview to nervous system	Alp BAYRAMOĞLU
11:00 - 11:40	Overview to nervous system	Alp BAYRAMOĞLU
11:50 - 12:30	Lunch Time	
12:30 - 13:30	General organization of the nervous system	Ekin DÖNGEL
13:30 - 14:10	General organization of the nervous system	Ekin DÖNGEL
14:20 - 15:00	Meninges and dural sinuses of brain	Mustafa AKTEKİN
15:10 - 15:50	Meninges and dural sinuses of brain	Mustafa AKTEKİN
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

18.02.2025 TUESDAY		
08:30 - 09:10	FC1 Study Time: Spinal cord	
09:20 - 10:00	FC1 Study Time: Ascending Pathways, Descending Pathways	
10:10 - 10:50	Tactile sensation	Mehmet ERGEN
11:00 - 11:40	CMPS/ME&H-II: Introduction to Ethics	Yeşim Işıl ÜLMAN
11:50 - 12:30	CMPS/ME&H-II:Ethical Theories	Yeşim Işıl ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

19.02.2025 WEDNESDAY		
08:30 - 09:10	FC1 Study Time: Ascending Pathways, Descending Pathways	
09:20 - 10:00	Somatosensory system	Mehmet ERGEN
10:10 - 10:50	Somatosensory system	Mehmet ERGEN
11:00 - 11:40	Introduction to central nervous system pharmacology	Filiz ONAT
11:50 - 12:30	Histology of nervous system at cellular level	Deniz YÜCEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

20.02.2025 THURSDAY		
08:30 - 09:10	FC1 Study Time: Ascending Pathways, Descending Pathways	
09:20 - 10:00	FC1 Group Study Time:Spinal cord, Ascending Pathways, Descending Pathways	Anatomy Lab
10:10 - 10:50	FC1 Discussion: Spinal cord, Ascending and Descending Pathways	Mustafa AKTEKİN
11:00 - 11:40	FC1 Discussion: Spinal cord, Ascending and Descending Pathways	Mustafa AKTEKİN
11:50 - 12:30	Pain mechanisms	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pain mechanisms	Mehmet ERGEN
14:20 - 15:00	LAB: Spinal cord, meninges and dural sinuses of brain_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	LAB: Spinal cord, meninges and dural sinuses of brain_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

21.02.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Functions of cerebellum	Ekin DÖNGEL
10:10 - 10:50	Functions of cerebellum	Ekin DÖNGEL
11:00 - 11:40	Anatomy of autonomic nervous system	Alp BAYRAMOĞLU
11:50 - 12:30	Anatomy of autonomic nervous system	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Functions of basal ganglia	Ekin DÖNGEL
14:20 - 15:00	Neurotransmitters	Ahmet Tarık BAYKAL
15:10 - 15:50	Neurotransmitters Discussion	Ahmet Tarık BAYKAL
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

24.02.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Spinal cord, meninges and dural sinuses of brain_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Spinal cord, meninges and dural sinuses of brain_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	Physiology of autonomic nervous system	Ekin DÖNGEL
11:50 - 12:30	Physiology of autonomic nervous system	Ekin DÖNGEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC2 Study Time: Medulla oblongata	
14:20 - 15:00	FC2 Study Time: Pons	
15:10 - 15:50	FC2 Study Time: Mesencephalon	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

25.02.2025 TUESDAY		
08:30 - 09:10	FC2 Study Time: Cerebellum	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/ME&H-II: Principles of Bioethics; Human Rights and Human Dignity-TBL	Yeşim Işıl ÜLMAN, Ceren RASİMOĞLU
11:50 - 12:30	CMPS/ME&H-II: Principles of Bioethics; Human Rights and Human Dignity-TBL	Yeşim Işıl ÜLMAN, Ceren RASİMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

26.02.2025 WEDNESDAY		
08:30 - 09:10	FC2 Group Study Time: Medulla oblongata, Pons, Mesencephalon Cerebellum	Anatomy Lab
09:20 - 10:00	FC2 Discussion: M.Oblangata, Pons, Mesencephalon, Cerebellum	Alp BAYRAMOĞLU
10:10 - 10:50	FC2 Discussion: M.Oblangata, Pons, Mesencephalon, Cerebellum	Alp BAYRAMOĞLU
11:00 - 11:40	LAB: Cerebellum, brain stem_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Cerebellum, brain stem_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

27.02.2025 THURSDAY		
08:30 - 09:10	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	
09:20 - 10:00	Clinical neuroanatomy	Baran BOZKURT
10:10 - 10:50	Clinical neuroanatomy	Baran BOZKURT
11:00 - 11:40	Synaptic transmission in learning and memory	Beki KAN
11:50 - 12:30	Synaptic transmission in learning and memory	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Regulation of cerebral blood flow and CSF circulation	Ekin DÖNGEL
14:20 - 15:00	Energy metabolism of brain	Aysel ÖZPINAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

28.02.2025 FRIDAY		
08:30 - 09:10	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	
09:20 - 10:00	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	
10:10 - 10:50	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	
11:00 - 11:40	Movement	Ekin DÖNGEL
11:50 - 12:30	Reflexes	Ekin DÖNGEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Meeting With Mentor	
14:20 - 15:00	Synaptic transmission in learning and memory	Beki KAN
15:10 - 15:50	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	Rezzan GÜLHAN
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

03.03.2025 MONDAY		
08:30 - 09:10	FC3 Group Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	Anatomy Lab
09:20 - 10:00	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	Rezzan GÜLHAN
10:10 - 10:50	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	Rezzan GÜLHAN
11:00 - 11:40	FC3 Discussion: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	Elif KESKİNÖZ
11:50 - 12:30	FC3 Discussion: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Vessels of central nervous system	Alp BAYRAMOĞLU
14:20 - 15:00	Vessels of central nervous system	Alp BAYRAMOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

04.03.2025 TUESDAY		
08:30 - 09:10	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
09:20 - 10:00	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
10:10 - 10:50	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
11:00 - 11:40	CMPS/ME&H-II: Principles of Bioethics/Benefit and Harm-TBL	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-II: Principles of Bioethics/Benefit and Harm-TBL	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

05.03.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
10:10 - 10:50	FC4 Group Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	Anatomy Lab
11:00 - 11:40	Histology of nervous system at tissue level	Deniz YÜCEL
11:50 - 12:30	Histology of nervous system at tissue level	Deniz YÜCEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

06.03.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Laboratory evaluation of CSF	Mustafa SERTESER
10:10 - 10:50	Laboratory evaluation of CSF	Mustafa SERTESER
11:00 - 11:40	Electrical activity of brain	Mehmet ERGEN
11:50 - 12:30	Electrical activity of brain	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Acute meningitis	Serap GENCER
14:20 - 15:00	Acute meningitis	Serap GENCER
15:10 - 15:50	Chronic meningitis	Sesin KOCAGÖZ
16:00 - 16:40	Case Based Discussion: Parkinson's disease	Murat AKSU
16:50 - 17:30	Elective Course IV/Study Time	

07.03.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	FC4 Discussion: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	Alp BAYRAMOĞLU
10:10 - 10:50	FC4 Discussion: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	Alp BAYRAMOĞLU
11:00 - 11:40	LAB: Histology of nervous system Group A	ARBAK, YÜCEL, A.ELMAS
11:50 - 12:30	LAB: Histology of nervous system Group B	ARBAK, YÜCEL, A.ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Cranial nerves (I-VI)	Mustafa AKTEKİN
15:10 - 15:50	Cranial nerves (I-VI)	Mustafa AKTEKİN
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

10.03.2025 MONDAY		
08:30 - 09:10	Cerebral edema, hydrocephalus and traumatic brain injury	Ayça ERŞEN DANYELİ
09:20 - 10:00	Increased intracranial pressure	Koray ÖZDUMAN
10:10 - 10:50	Increased intracranial pressure	Koray ÖZDUMAN
11:00 - 11:40	Cranial nerves (VII-XII)	Mustafa AKTEKİN
11:50 - 12:30	Cranial nerves (VII-XII)	Mustafa AKTEKİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Anatomy of limbic system	Elif KESKİNÖZ
14:20 - 15:00	Limbic system	Mehmet ERGEN
15:10 - 15:50	Drugs altering brain neurotransmission: GABA, Glutamate	Filiz ONAT
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

11.03.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H-II:Autonomy - Consent-TBL	RASİMOĞLU-ARTVİNLİ
10:10 - 10:50	CMPS/ME&H-II:Autonomy - Consent-TBL	RASİMOĞLU-ARTVİNLİ
11:00 - 11:40	CMPS/ME&H-II:Autonomy - Consent-TBL	RASİMOĞLU-ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-II:Autonomy - Consent-TBL	RASİMOĞLU-ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BBAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

12.03.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, Limbic system_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, Limbic system_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, Limbic system_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, Limbic system_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

13.03.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Cranial nerves- Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Cranial nerves- Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Cranial nerves- Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Cranial nerves- Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiology of Sleep	Ekin DÖNGEL
14:20 - 15:00	Physiology of Sleep	Ekin DÖNGEL
15:10 - 15:50	Circadian Rythms	Ekin DÖNGEL
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

14.03.2025 FRIDAY		
08:30 - 09:10	Doctors day	
09:20 - 10:00	Doctors day	
10:10 - 10:50	Doctors day	
11:00 - 11:40	Doctors day	
11:50 - 12:30	Doctors day	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Other CNS infections	Hülya KUŞOĞLU
14:20 - 15:00	Other CNS infections	Hülya KUŞOĞLU
15:10 - 15:50	Head traumas	Baran BOZKURT
16:00 - 16:40	Drugs for neurodegenerative diseases	Rezzan GÜLHAN
16:50 - 17:30	Drugs for neurodegenerative diseases	Rezzan GÜLHAN

17.03.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Development of the nervous system	Merve AÇIKEL ELMAS
14:20 - 15:00	Development of the nervous system	Merve AÇIKEL ELMAS
15:10 - 15:50	Malformations and developmental diseases	Ayça ERŞEN DANYELİ
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

18.03.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H-II:Justice in ethical aspect-TBL	Fatih ARTVİNLİ
10:10 - 10:50	CMPS/ME&H-II:Justice in ethical aspect-TBL	Fatih ARTVİNLİ
11:00 - 11:40	CMPS/ME&H-II:Justice in ethical aspect-TBL	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-II:Justice in ethical aspect-TBL	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

19.03.2025 WEDNESDAY		
08:30 - 09:10	Overview to the cranial nerves (CN I-XII)	Mustafa AKTEKİN
09:20 - 10:00	Analgesics drugs (drugs for headache and opioid analgesics)	Medine GÜLÇEBİ İDRİZ OĞLU
10:10 - 10:50	Hypnotics and sedatives	Filiz ONAT
11:00 - 11:40	Spinal cord compression syndromes/trauma	Koray ÖZDUMAN
11:50 - 12:30	Spinal cord compression syndromes/trauma	Koray ÖZDUMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

20.03.2025 THURSDAY		
08:30 - 09:10	Cover Lab (Brain stem, cerebellum) Group A	Anatomy Lab
09:20 - 10:00	Cover Lab (Brain stem, cerebellum) Group B	Anatomy Lab
10:10 - 10:50	Study time	
11:00 - 11:40	MED212 Formative Assessment I	Mehmet ERGEN
11:50 - 12:30	MED212 Formative Assessment I	Mehmet ERGEN
12:30 - 13:30	Study time	
13:30 - 14:10	Study time	
14:20 - 15:00	Study time	
15:10 - 15:50	Study time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

21.03.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

24.03.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	MED212 PRACTICAL EXAMINATION I	
11:00 - 11:40	MED212 PRACTICAL EXAMINATION I	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED212 THEORETICAL EXAMINATION I	
15:10 - 15:50	MED212 THEORETICAL EXAMINATION I	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

25.03.2025 TUESDAY

08:30 - 09:10	FC5 Study Time: Ear, auditory pathway and vestibular pathway	
09:20 - 10:00	FC5 Study Time: Ear, auditory pathway and vestibular pathway	
10:10 - 10:50	FC5 Study Time: Ear, auditory pathway and vestibular pathway	
11:00 - 11:40	CMPS/ME&H-II:Patient Rights / Physician's Responsibility TBL	ÜLMAN; RASİMOĞLU
11:50 - 12:30	CMPS/ME&H-II:Patient Rights / Physician's Responsibility TBL	ÜLMAN; RASİMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

26.03.2025 WEDNESDAY

08:30 - 09:10	FC5 Study Time: Ear, auditory pathway and vestibular pathway	
09:20 - 10:00	FC5 Group Study Time: Ear, auditory pathway and vestibular pathway	Anatomy Lab
10:10 - 10:50	The orbit and its contents	Mustafa AKTEKİN
11:00 - 11:40	The orbit and its contents	Mustafa AKTEKİN
11:50 - 12:30	The eye, visual pathway	Mustafa AKTEKİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

27.03.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Histology of eye	Deniz YÜCEL
10:10 - 10:50	Histology of eye	Deniz YÜCEL
11:00 - 11:40	LAB: The orbit, its contents and visual pathway Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: The orbit, its contents and visual pathway Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Nature of waves	Pınar MEGA TİBER
14:20 - 15:00	Nature of waves	Pınar MEGA TİBER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

28.03.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Optics	Oya ORUN
10:10 - 10:50	Optics	Oya ORUN
11:00 - 11:40	Histology of ear	Serap ARBAK
11:50 - 12:30	Histology of ear	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Data Collection	
14:20 - 15:00	CMPS/RinH-II: Data Collection	
15:10 - 15:50	CMPS/RinH-II: Data Collection	
16:00 - 16:40	CMPS/RinH-II: Data Collection	
16:50 - 17:30	CMPS/RinH-II: Data Collection	

31.03.2025 MONDAY

08:30 - 09:10	Ramadan Holiday
09:20 - 10:00	Ramadan Holiday
10:10 - 10:50	Ramadan Holiday
11:00 - 11:40	Ramadan Holiday
11:50 - 12:30	Ramadan Holiday
12:30 - 13:30	Ramadan Holiday
13:30 - 14:10	Ramadan Holiday
14:20 - 15:00	Ramadan Holiday
15:10 - 15:50	Ramadan Holiday
16:00 - 16:40	Ramadan Holiday
16:50 - 17:30	Ramadan Holiday

01.04.2025 TUESDAY

08:30 - 09:10	Ramadan Holiday
09:20 - 10:00	Ramadan Holiday
10:10 - 10:50	Ramadan Holiday
11:00 - 11:40	Ramadan Holiday
11:50 - 12:30	Ramadan Holiday
12:30 - 13:30	Ramadan Holiday
13:30 - 14:10	Ramadan Holiday
14:20 - 15:00	Ramadan Holiday
15:10 - 15:50	Ramadan Holiday
16:00 - 16:40	Ramadan Holiday
16:50 - 17:30	Ramadan Holiday

02.04.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

03.04.2025 THURSDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

04.04.2025 FRIDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Elective Course IV/Study Time
16:50 - 17:30	Elective Course IV/Study Time

07.04.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Biophysics of photoreception	Beki KAN
10:10 - 10:50	Biophysics of photoreception	Beki KAN
11:00 - 11:40	Optics of vision	Oya ORUN
11:50 - 12:30	Optics of vision	Oya ORUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiology of vision	Mehmet ERGEN
14:20 - 15:00	Physiology of vision	Mehmet ERGEN
15:10 - 15:50	Vestibular senses	Ekin DÖNGEL
16:00 - 16:40	Vestibular senses	Ekin DÖNGEL
16:50 - 17:30	Elective Course IV/Study Time	

08.04.2025 TUESDAY

08:30 - 09:10	CMPS/RinH-II: Data Collection	
09:20 - 10:00	CMPS/RinH-II: Data Collection	
10:10 - 10:50	CMPS/RinH-II: Data Collection	
11:00 - 11:40	CMPS/RinH-II: Data Collection	
11:50 - 12:30	CMPS/RinH-II: Data Collection	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Data Collection/ MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	CMPS/RinH-II: Data Collection/ MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	CMPS/RinH-II: Data Collection/ MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	CMPS/RinH-II: Data Collection	
16:50 - 17:30	CMPS/RinH-II: Data Collection	

09.04.2025 WEDNESDAY

08:30 - 09:10	Meeting With Mentor	
09:20 - 10:00	Information transmission and content of information	Devrim ÖZ ARSLAN
10:10 - 10:50	CMPS/ME&H-II:Beginning of Life- TBL	Ceren RASİMOĞLU
11:00 - 11:40	CMPS/ME&H-II:Beginning of Life- TBL	Ceren RASİMOĞLU
11:50 - 12:30	CMPS/ME&H-II:Beginning of Life- TBL	Ceren RASİMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

10.04.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Receptive fields and retinal processing	Beki KAN
10:10 - 10:50	Receptive fields and retinal processing	Beki KAN
11:00 - 11:40	FC5 Discussion: The ear, auditory and vestibular pathways	Alp BAYRAMOĞLU
11:50 - 12:30	FC5 Discussion: The ear, auditory and vestibular pathways	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: The ear and auditory pathway_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
14:20 - 15:00	LAB: The ear and auditory pathway_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

11.04.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Biophysics of auditory system	Oya ORUN
11:00 - 11:40	Biophysics of auditory system	Oya ORUN
11:50 - 12:30	Development of the eye and ear	Deniz YÜCEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Development of the eye and ear	Deniz YÜCEL
14:20 - 15:00	Control mechanisms	Devrim ÖZ ARSLAN
15:10 - 15:50	Control mechanisms	Devrim ÖZ ARSLAN
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

14.04.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Physiology of hearing	Mehmet ERGEN
10:10 - 10:50	Taste and olfaction	Mehmet ERGEN
11:00 - 11:40	Alcohol, nicotine, stimulants and drug addiction	Filiz ONAT
11:50 - 12:30	Alcohol, nicotine, stimulants and drug addiction	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Clinical problems of peripheral vestibular system	Deniz Tuna EDİZER
14:20 - 15:00	Conductive and sensorineural hearing problems	Sibel YILDIRIM MORAL
15:10 - 15:50	Central nervous system tumors	Ayça ERŞEN DANYELİ
16:00 - 16:40	Central nervous system tumors	Ayça ERŞEN DANYELİ
16:50 - 17:30	Elective Course IV/Study Time	

15.04.2025 TUESDAY		
08:30 - 09:10	CMPS/RinH-II: Data Collection	
09:20 - 10:00	CMPS/RinH-II: Data Collection	
10:10 - 10:50	CMPS/RinH-II: Data Collection	
11:00 - 11:40	CMPS/RinH-II: Data Collection	
11:50 - 12:30	CMPS/RinH-II: Data Collection	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Data Collection/ MED 234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	CMPS/RinH-II: Data Collection/ MED 234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	CMPS/RinH-II: Data Collection/ MED 234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	CMPS/RinH-II: Data Collection	
16:50 - 17:30	CMPS/RinH-II: Data Collection	

16.04.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of neurodegenerative and demyelinating diseases	Ayça ERŞEN DANYELİ
10:10 - 10:50	CMPS/ME&H-II: End of Life- TBL	Fatih ARTVINLİ
11:00 - 11:40	CMPS/ME&H-II: End of Life- TBL	Fatih ARTVINLİ
11:50 - 12:30	CMPS/ME&H-II: End of Life- TBL	Fatih ARTVINLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

17.04.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Electrooculogram_ Group B	ÖZ ARSLAN, DURER
10:10 - 10:50	LAB: Electrooculogram_ Group B	ÖZ ARSLAN, DURER
11:00 - 11:40	LAB: Electrooculogram_ Group A	ÖZ ARSLAN, DURER
11:50 - 12:30	LAB: Electrooculogram_ Group A	ÖZ ARSLAN, DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Biofeedback and reaction time_ Group B	ÖZ ARSLAN, DURER
14:20 - 15:00	LAB: Biofeedback and reaction time_ Group B	ÖZ ARSLAN, DURER
15:10 - 15:50	LAB: Biofeedback and reaction time_ Group A	ÖZ ARSLAN, DURER
16:00 - 16:40	LAB: Biofeedback and reaction time_ Group A	ÖZ ARSLAN, DURER
16:50 - 17:30	Elective Course IV/Study Time	

18.04.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Diagnosis in Psychiatry and Psychiatric Symptoms	Ürün ÖZER AĞIRBAŞ
10:10 - 10:50	Psychosis	Burcu YAVUZ
11:00 - 11:40	Case Based Discussion: Alzheimer's disease	Erkan ACAR
11:50 - 12:30	Intracranial tumors	Bahattin TANRIKULU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Central nervous system tumors	Ayça ERŞEN DANYELİ
15:10 - 15:50	Central nervous system tumors	Ayça ERŞEN DANYELİ
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

21.04.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Drugs for neurodegenerative diseases	Rezzan GÜLHAN
10:10 - 10:50	Drugs for neurodegenerative diseases	Rezzan GÜLHAN
11:00 - 11:40	Drugs for convulsions and epilepsies	Filiz Onat
11:50 - 12:30	Drugs for convulsions and epilepsies	Filiz Onat
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of neurodegenerative and demyelinating diseases	Ayça ERŞEN DANYELİ
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

22.04.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H-II:Organ transplantation and donation TBL	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H-II:Organ transplantation and donation TBL	Yeşim Işıl ÜLMAN
11:50 - 12:30	CMPS/ME&H-II:Organ transplantation and donation TBL	Yeşim Işıl ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV Midterm Exam	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV Midterm Exam	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Mood disorders	Barış SANCAK
16:50 - 17:30	Mood disorders	Barış SANCAK

23.04.2025 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30	National Sovereignty and Children's Day	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		

24.04.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Biochemical aspects of neurological disease	Mustafa SERTESER
11:50 - 12:30	Biochemical aspects of neurological disease	Mustafa SERTESER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drugs for psychosis	Filiz ONAT
14:20 - 15:00	Drugs for mood disorders	Filiz ONAT
15:10 - 15:50	PANEL: Neurogenetics	BİLGUVAR, ÖZDUMAN
16:00 - 16:40	PANEL: Neurogenetics	BİLGUVAR, ÖZDUMAN
16:50 - 17:30	Elective Course IV/Study Time	

25.04.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H-II:New medical technologies, AI and bioethics TBL	ÜLMAN, ARTVİNLİ, RASİMOĞLU
11:00 - 11:40	CMPS/ME&H-II:New medical technologies, AI and bioethics TBL	ÜLMAN, ARTVİNLİ, RASİMOĞLU
11:50 - 12:30	CMPS/ME&H-II:New medical technologies, AI and bioethics TBL	ÜLMAN, ARTVİNLİ, RASİMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
14:20 - 15:00	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
15:10 - 15:50	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:00 - 16:40	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:50 - 17:30	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR

28.04.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Anxiety disorders	Ceren MERİÇ
10:10 - 10:50	Anxiety disorders	Ceren MERİÇ
11:00 - 11:40	Radiological anatomy and algorithym of the brain	Alp DİNÇER
11:50 - 12:30	Radiological anatomy and algorithym of the SPINE	Alp DİNÇER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Case Based Discussion: Stroke	Ezgi YAKUPOĞLU
14:20 - 15:00	Case Based Discussion: Stroke	Ezgi YAKUPOĞLU
15:10 - 15:50	Case Based Discussion: Epilepsy	Erkan ACAR
16:00 - 16:40	Case Based Discussion: Epilepsy	Erkan ACAR
16:50 - 17:30	Elective Course IV/Study Time	

29.04.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pathology of peripheral nerve and muscle	Ayça ERŞEN DANYELİ
11:00 - 11:40	Pathology of cerebrovascular diseases	Ayça ERŞEN DANYELİ
11:50 - 12:30	Pathology of central nervous system infections	Ayça ERŞEN DANYELİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

30.04.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of central nervous system infections	Ayça ERŞEN DANYELİ
10:10 - 10:50	Approach to the patient with blurred consciousness in primary care	Demet DİNÇ
11:00 - 11:40	Neuromuscular disorders	Zeynep Selen ASLAN
11:50 - 12:30	Intellectual disability and developmental delay	Zeynep Selen ASLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

01.05.2025 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30	Labor and Solidarity Day	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		

02.05.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Review and discussion of CNS pathologies	Ayça ERŞEN DANYELİ
10:10 - 10:50	Review and discussion of CNS pathologies	Ayça ERŞEN DANYELİ
11:00 - 11:40	General and local anesthetics	Filiz ONAT
11:50 - 12:30	Muscle relaxants	Rezzan GÜLHAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

05.05.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED212 Formative Assessment II	Mehmet ERGEN
14:20 - 15:00	MED212 Formative Assessment II	Mehmet ERGEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

06.05.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

07.05.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

08.05.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED212 THEORETICAL EXAMINATION II	
14:20 - 15:00	MED212 THEORETICAL EXAMINATION II	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.05.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
14:20 - 15:00	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
15:10 - 15:50	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:00 - 16:40	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:50 - 17:30	CMPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR

12.05.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to MED214 Growth, Development and Endocrine Disorders	Zeynep DURER-Mehmet ERGEN
10:10 - 10:50	Thyroid and parathyroid glands	Elif KESKİNÖZ
11:00 - 11:40	Pancreas and adrenal gland	Elif KESKİNÖZ
11:50 - 12:30	Lunch Time	
12:30 - 13:30	Histology of the pituitary gland, pineal gland and endocrine pancreas	Serap ARBAK
13:30 - 14:10	Histology of the thyroid, parathyroid and adrenal gland	Serap ARBAK
14:20 - 15:00	Development of endocrine organs	Merve AÇIKEL ELMAS
15:10 - 15:50	Introduction to TBL sessions: Hormones	YAPIŞLAR, AKSUNGAR
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

13.05.2025 TUESDAY		
08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Study Time for TBL	
10:10 - 10:50	Lab: Histology of the pituitary gland, pineal gland, endocrine pancreas, thyroid, parathyroid and adrenal gland-Group A	ARBAK, YÜCEL, A.ELMAS
11:00 - 11:40	Lab: Histology of the pituitary gland, pineal gland, endocrine pancreas, thyroid, parathyroid and adrenal gland-Group A	ARBAK, YÜCEL, A.ELMAS
11:50 - 12:30	CMPS/ME&H-II: Written Examination	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

14.05.2025 WEDNESDAY		
08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Lab: Histology of the pituitary gland, pineal gland, endocrine pancreas, thyroid, parathyroid and adrenal gland-Group B	ARBAK, YÜCEL, A.ELMAS
10:10 - 10:50	Lab: Histology of the pituitary gland, pineal gland, endocrine pancreas, thyroid, parathyroid and adrenal gland-Group B	ARBAK, YÜCEL, A.ELMAS
11:00 - 11:40	Lab: Thyroid and parathyroid glands, Pancreas and adrenal gland-Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	Lab: Thyroid and parathyroid glands, Pancreas and adrenal gland-Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Data analyses (statistical counselling for research)/Elective in Medicine	Figen DEMİR
14:20 - 15:00	MPS/RinH-II: Data analyses (statistical counselling for research)/Elective in Medicine	Figen DEMİR
15:10 - 15:50	MPS/RinH-II: Data analyses (statistical counselling for research)/Elective in Medicine	Figen DEMİR
16:00 - 16:40	MPS/RinH-II: Data analyses (statistical counselling for research)/Elective Course IV	Figen DEMİR
16:50 - 17:30	MPS/RinH-II: Data analyses (statistical counselling for research)/Elective Course IV	Figen DEMİR

15.05.2025 THURSDAY		
08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	TBL Session 1: General principles of hormones	YAPIŞLAR, AKSUNGAR
10:10 - 10:50	TBL Session 1: General principles of hormones	YAPIŞLAR, AKSUNGAR
11:00 - 11:40	TBL Session 1: General principles of hormones	YAPIŞLAR, AKSUNGAR
11:50 - 12:30	Study Time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Neoplasm of thyroid, Thyroiditis, goiter and congenital anomalies	Fatma TOKAT
14:20 - 15:00	Neoplasm of thyroid, Thyroiditis, goiter and congenital anomalies	Fatma TOKAT
15:10 - 15:50	Tiroid Gland Diseases	Özlem Çelik
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.05.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time for TBL	
10:10 - 10:50	Study Time for TBL	
11:00 - 11:40	Study Time for TBL	
11:50 - 12:30	Study Time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS Decontamination disinfection hand washing sterile gloves	
14:20 - 15:00	CMPS/CS Decontamination disinfection hand washing sterile gloves	
15:10 - 15:50	CMPS/CS Decontamination disinfection hand washing sterile gloves	
16:00 - 16:40	CMPS/CS Decontamination disinfection hand washing sterile gloves	
16:50 - 17:30	CMPS/CS Decontamination disinfection hand washing sterile gloves	

19.05.2025 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30	Commemoration of Atatürk, Youth and Sports Day	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		

20.05.2025 TUESDAY

08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Pituitary hormones and hypothalamic releasing factors	Filiz ONAT
10:10 - 10:50	Thyroid hormones and antithyroid drugs	Rezzan GÜLHAN
11:00 - 11:40	Nutritional pharmacology, minerals and vitamins	Rezzan GÜLHAN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
14:20 - 15:00	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
15:10 - 15:50	MED234 Medical English IV	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

21.05.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	TBL Session 2: Hormones affecting growth and development	YAPIŞLAR, AKSUNGAR
11:00 - 11:40	TBL Session 2: Hormones affecting growth and development	YAPIŞLAR, AKSUNGAR
11:50 - 12:30	TBL Session 2: Hormones affecting growth and development	YAPIŞLAR, AKSUNGAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course IV/ Study Time for TBL	
16:50 - 17:30	Elective Course IV/Study Time for TBL	

22.05.2025 THURSDAY

08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Study Time for TBL	Müjdat KARA
10:10 - 10:50	Pituitary diseases	Müjdat KARA
11:00 - 11:40	Pituitary diseases	Müjdat KARA
11:50 - 12:30	Pathology of pituitary and hypothalamus	Ayça ERŞEN DANYELİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PANEL Genetic approach to short stature, Growth disorders in childhood	ALANAY, ABALI
14:20 - 15:00	PANEL Genetic approach to short stature, Growth disorders in childhood	ALANAY, ABALI
15:10 - 15:50	Agents affecting mineral ion homeostasis and bone turnover	Filiz ONAT
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

23.05.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Biochemistry of adipose tissue	Ahmet Tarık BAYKAL
11:00 - 11:40	Biochemistry of adipose tissue	Ahmet Tarık BAYKAL
11:50 - 12:30	Study Time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for TBL	
14:20 - 15:00	Study Time for TBL	
15:10 - 15:50	Study Time for TBL	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

26.05.2025 MONDAY		
08:30 - 09:10	CMPS/RinH-II: Research project presentation	
09:20 - 10:00	CMPS/RinH-II: Research project presentation	
10:10 - 10:50	CMPS/RinH-II: Research project presentation	
11:00 - 11:40	CMPS/RinH-II: Research project presentation	
11:50 - 12:30	CMPS/RinH-II: Research project presentation	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II: Research project presentation	
14:20 - 15:00	CMPS/RinH-II: Research project presentation	
15:10 - 15:50	CMPS/RinH-II: Research project presentation	
16:00 - 16:40	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

27.05.2025 TUESDAY		
08:30 - 09:10	CMPS/RinH-II: Research project presentation	
09:20 - 10:00	CMPS/RinH-II: Research project presentation	
10:10 - 10:50	CMPS/RinH-II: Research project presentation	
11:00 - 11:40	CMPS/RinH-II: Research project presentation	
11:50 - 12:30	CMPS/RinH-II: Research project presentation	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of Endocrine Pancreas	Özlem AYDIN
14:20 - 15:00	Pathology of Adrenal Cortex and Medulla	Özlem AYDIN
15:10 - 15:50	Adrenal gland diseases	Rüştü SERTER
16:00 - 16:40	Adrenal gland diseases	Rüştü SERTER
16:50 - 17:30	Elective Course IV/Study Time	

28.05.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Adrenocortical hormones and their antagonists	Filiz ONAT
10:10 - 10:50	Adrenocortical hormones and their antagonists	Filiz ONAT
11:00 - 11:40	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
11:50 - 12:30	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
14:20 - 15:00	TBL Session 3: Hormones affecting metabolism	YAPIŞLAR, AKSUNGAR
15:10 - 15:50	TBL Session 3: Hormones affecting metabolism	YAPIŞLAR, AKSUNGAR
16:00 - 16:40	TBL Session 3: Hormones affecting metabolism	YAPIŞLAR, AKSUNGAR
16:50 - 17:30	Elective Course IV/Study Time	

29.05.2025 THURSDAY		
08:30 - 09:10	Type I Diabetes Mellitus	Serap SEMİZ
09:20 - 10:00	Calcium and bone disorders in children	Serap SEMİZ
10:10 - 10:50	Hypoglycemic disorders	Yıldız OKUTURLAR
11:00 - 11:40	Pharmacology of endocrine pancreas: Insulin, oral hypoglycemic agents	Filiz ONAT
11:50 - 12:30	Pharmacology of endocrine pancreas: Insulin, oral hypoglycemic agents	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Community nutrition	Yeşim YAŞIN
14:20 - 15:00	Breast feeding	Yeşim YAŞIN
15:10 - 15:50	Active case of endocrine disorders in childhood in primary care	Demet DİNÇ
16:00 - 16:40	Primary care management of overweight and obesity	Demet DİNÇ
16:50 - 17:30	Primary care approach to impaired glucose homeostasis	Pınar TOPSEVER

30.05.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Radiological anatomy and algorithm of the endocrine system	Aylin ALTAN KUŞ
10:10 - 10:50	Radiological anatomy and algorithm of the endocrine system	Aylin ALTAN KUŞ
11:00 - 11:40	Body fat and obesity	İnan ANAFOROĞLU
11:50 - 12:30	Disorders of mineral metabolism	İnan ANAFOROĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	TBL Review Lecture	YAPIŞLAR, AKSUNGAR
16:00 - 16:40	TBL Review Lecture	YAPIŞLAR, AKSUNGAR
16:50 - 17:30	Study Time	

02.06.2025 MONDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

03.06.2025 TUESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

04.06.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

05.06.2025 THURSDAY

08:30 - 09:10	Eid al-Adha
09:20 - 10:00	Eid al-Adha
10:10 - 10:50	Eid al-Adha
11:00 - 11:40	Eid al-Adha
11:50 - 12:30	Eid al-Adha
12:30 - 13:30	Eid al-Adha
13:30 - 14:10	Eid al-Adha
14:20 - 15:00	Eid al-Adha
15:10 - 15:50	Eid al-Adha
16:00 - 16:40	Eid al-Adha
16:50 - 17:30	Eid al-Adha

06.06.2025 FRIDAY

08:30 - 09:10	Eid al-Adha
09:20 - 10:00	Eid al-Adha
10:10 - 10:50	Eid al-Adha
11:00 - 11:40	Eid al-Adha
11:50 - 12:30	Eid al-Adha
12:30 - 13:30	Eid al-Adha
13:30 - 14:10	Eid al-Adha
14:20 - 15:00	Eid al-Adha
15:10 - 15:50	Eid al-Adha
16:00 - 16:40	Eid al-Adha
16:50 - 17:30	Eid al-Adha

09.06.2025 MONDAY

08:30 - 09:10	Eid al-Adha
09:20 - 10:00	Eid al-Adha
10:10 - 10:50	Eid al-Adha
11:00 - 11:40	Eid al-Adha
11:50 - 12:30	Eid al-Adha
12:30 - 13:30	Eid al-Adha
13:30 - 14:10	Eid al-Adha
14:20 - 15:00	Eid al-Adha
15:10 - 15:50	Eid al-Adha
16:00 - 16:40	Eid al-Adha
16:50 - 17:30	Eid al-Adha

10.06.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	PANEL: Malnutrition	TOPSEVER, ÇELİK, ABALI, AKSUNGAR
10:10 - 10:50	PANEL: Malnutrition	TOPSEVER, ÇELİK, ABALI, AKSUNGAR
11:00 - 11:40	PANEL: Malnutrition	TOPSEVER, ÇELİK, ABALI, AKSUNGAR
11:50 - 12:30	PANEL: Malnutrition	TOPSEVER, ÇELİK, ABALI, AKSUNGAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 214 Formative Assessment	Nihan ÜNÜBOL
14:20 - 15:00	MED 214 Formative Assessment	Nihan ÜNÜBOL
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.06.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

12.06.2025 THURSDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

13.06.2025 FRIDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	MED214 THEORETICAL EXAMINATION
11:50 - 12:30	MED214 THEORETICAL EXAMINATION
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

16.06.2025 MONDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

17.06.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	MED234 Medical English IV Final Exam	BAVARŞI, CEZZAROĞLU
16:00 - 16:40	MED234 Medical English IV Final Exam	BAVARŞI, CEZZAROĞLU
16:50 - 17:30	Study Time	

YEAR

III



ACIBADEM
MEHMET ALI AYDINLAR
UNIVERSITY

YEAR III - COURSES (2024-2025)

COURSE CATEGORY	COURSE CODE	COURSE NAME	Theoretical Hours				Practical Hours				Instructional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS		
			Lecture	SCLA	Sub Total	Lab study	Field study	"Simulated Clinical Practice"	"Clinical Practice"	Sub Total							
Biomedical Subject Committees (BSC)	MED 311	Cardiovascular System and Related Disorders	113	6	119	5			2			7	126	90	216	8	7
	MED 313	Respiratory System and Related Disorders	64	15	79	10			2			12	91	70	161	6	6
	MED 315	Gastrointestinal System and Related Disorders	112	11	123	10						10	133	100	233	10	10
	MED 312	Urogenital System and Related Disorders	93	15	108	12						12	120	90	210	8	8
	BSC3	TOTAL	382	47	429	37			0			41	470	350	820	32	31
Clinical Medicine & Professional Skills (CMPS) Program	MED 321	Evidence Based Medicine	0	20	20				1			1	21	80	101	2	4
	MED 323	Health and Society-II	16		16			48				48	64	100	164	4	7
	CMPS 3	TOTAL	16	20	36			48	1			49	85	180	265	6	11
Integrated Medical Courses	EMED 302	Electives in Medicine-IV	7	14	21	14	14	14				28	49	60	109	2	4
	TOTAL	TOTAL	405	81	486	51	62	1	0	118	604	590	1194	40	46		

SCLA: Student Centered Learning Activities (Problem-Based Learning (PBL), Team Based learning (TBL), Case Based Learning (CBL), Flipped Classroom, Workshops.)

Field Study: Site visits, Studies in the community, Working in primary care.

Lab Study: Practices in Basic Science and Computer Labs.

Simulated Clinical Practice: Practices in clinical skills labs. (CASE)

Clinical Practice: Bed side, Outpatient clinic, Operation room.

Study Time: Self Directed Learning, Preparation.

Course Name	Respiratory System and Related Disorders	MED 313
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	30.09.2024 – 01.11.2024

Theoretical Hours	79	Credit 6	ECTS 6
Practical Hours	12		
Study Hours	70		
TOTAL HOURS	161		

Course Chairs

Sinem ÖKTEM OKULLU
Assist. Prof. Medical Microbiology
Sinem.Oktem@acibadem.edu.tr

Devrim ÖZ ARSLAN
Ph.D., Assoc. Prof. Biophysics
Devrim.Arslan@acibadem.edu.tr

Course Lecturers

Alp BAYRAMOĞLU
M.D., Ph.D., Prof. Anatomy

Mustafa AKTEKİN
M.D., Ph.D., Prof. Anatomy

Elif Nedret KESKİNÖZ
Ph.D., Assist. Anatomy

Beki KAN
Ph.D., Prof. Biophysics

Devrim ÖZ ARSLAN
Ph.D., Assoc. Prof. Biophysics

Pınar TOPSEVER
M.D., Prof. Family Medicine

Serap ARBAK
Ph.D., Prof. Histology and Embryology

Deniz YÜCEL
Ph.D., Assist. Prof. Histology and Embryology

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology & Embryology

Medine GÜLÇEPİ İDRİZOĞLU*
M.D., Prof. Pharmacology

Sibel AKA
M.D., Assist. Prof. Pediatrics

Ceyda EREL KİRİŞOĞLU
M.D., Prof. Pulmonary Diseases

Çağlar ÇUHADAROĞLU
M.D., Prof. Pulmonary Diseases

Sesin KOCAGÖZ
M.D., Prof. Infectious Diseases

Hülya KUŞOĞLU
M.D., Assist. Prof. Infectious Diseases

Handan ZEREN
M.D., Prof. Medical Pathology

Aylin ALTAN KUŞ
M.D., Assist. Prof. Radiology

Gülseren SAĞCAN*
M.D., Instructor Pulmonary Diseases

Sertaç ARSLAN
M.D., Assoc., Prof. Chest Diseases

Nilüfer AYKAÇ
M.D., Assoc., Prof. Chest Diseases

Yeşim YASİN
M.A, MSc. Ph.D., Assoc. Prof. Public Health

Hande YAPIŞLAR
Ph.D., Assoc. Prof. Physiology

Şirin PARKAN
M.D., Instructor Family Medicine

Figen DEMİR
M.D., Assoc., Prof. Public Health

Meltem KOLGAZİ
Ph.D., Assoc. Prof. Physiology

Rezzan GÜLHAN*
M.D., Prof. Medical Pharmacology

Levent ALTINTAŞ
M.D., Assoc. Prof. Medical Education

Yasemin ALANAY
M.D., Ph.D., Prof. Pediatrics

*Visiting Professor

Educational Methods	Lectures, Lab Study, TBL Sessions, FC Sessions, Panels, and Clinical practice
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Course Aims

This course aims to explain the normal structure and function of the respiratory system and their pathological changes, and to be able to associate these changes with the clinical knowledge related to index diseases.

Learning Outcomes

By the end of this course, the students will be able to:

1. Explains the structures and development processes of respiratory system.
2. Explains the mechanism of respiratory physiology.
3. Describe the concept of respiration and explains its relationship with gas laws.
4. Explains the principles of mechanical operation of respiratory system.
5. Explains the respiratory regulation mechanisms
6. Explains the concepts of ventilation, perfusion and diffusion, mechanisms and pathological changes and correlates with clinical information
7. Describe the infectious agents associated with respiratory system, explain the pathological changes related to it and associates with clinical knowledge
8. Explains pathological changes in airways and correlates with clinical knowledge
9. Explains pathological changes associated with vascular structure of respiratory system and correlates with clinical knowledge
10. Explains the effects of tobacco use on the normal structure and the functions of the respiratory system
11. Defines the tumoral lesions of the respiratory system
12. Explains pharmacological approaches related to respiratory disorders

Assessment Methods	Theoretical and Practical Examinations, Active Attendance / Performance Assessment
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Course Name	Cardiovascular System and Related Disorders	MED 311
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	04.11.2024 – 13.12.2024

Theoretical Hours	119	Credit 8	ECTS 7
Practical Hours	7		
Study Hours	90		
TOTAL HOURS	216		

Course Chairs

Sinem ÖKTEM OKULLU
Assist. Prof. Medical Microbiology
Sinem.Oktem@acibadem.edu.tr

Devrim ÖZ ARSLAN
Ph.D., Assoc. Prof. Biophysics
Devrim.Arslan@acibadem.edu.tr

Course Lecturers

Mustafa AKTEKİN
M.D., Ph.D., Prof. Anatomy

Elif Nedret KESKİNÖZ
Ph.D., Instructor, Anatomy

Alp BAYRAMOĞLU
M.D., Ph.D., Prof. Anatomy

Beki KAN
Ph.D., Prof. Biophysics

Evren KILINÇ
Ph.D., Assist. Prof. Biophysics

Sinan DAĞDELEN
M.D., Prof. Cardiology

Ahmet AKYOL*
M.D., Prof. Cardiology

Selçuk GÖRMEZ
M.D., Assist. Prof. Cardiology

Burak PAMUKÇU
M.D., Prof. Cardiology

Gültekin KARAKUŞ*
M.D., Assoc. Prof. Cardiology

Elif EROĞLU BÜYÜKÖNER
M.D., Prof. Cardiology

Pınar TOPSEVER
M.D., Prof. Family Medicine

Figen DEMİR
M.D., Assoc., Prof. Public Health

Mustafa Ertuğrul MERCAN*
M.D., Instructor Cardiology

Mustafa SERTESER
M.D., Prof. Medical Biochemistry

Meltem KİLERCİK
M.D., Assoc. Prof. Medical Biochemistry

Cuyan DEMİRKESEN
M.D., Prof. Pathology

İlkser AKPOLAT
M.D., Prof. Pathology

Özgür KURT
M.D., Ph.D., Prof. Medical Microbiology

Sinem ÖKTEM OKULLU
Assist. Prof. Medical Microbiology

Levent ALTINTAŞ
M.D., Assoc. Prof. Medical Education

Deniz Can ALIŞ
M.D., Assist. Prof. Radiology

Kaya BİLGUVAR
M.D. Ph.D. Medical Genetic

Canan AYABAKAN
M.D., Prof. Pediatrics

Serap ARBAK
Ph.D., Prof. Histology & Embryology

Deniz YÜCEL
Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology & Embryology

Sesin KOCAGÖZ
M.D., Prof. Infectious Diseases

Hülya KUŞOĞLU
M.D., Assist. Prof. Infectious Diseases

Serap GENÇER
M.D., Prof. Infectious Diseases

Filiz ONAT
M.D., Ph.D., Prof. Pharmacology

Emel BALOĞLU
M.D., Ph.D., Assoc. Prof. Pharmacology

Meltem KOLGAZİ
Ph.D., Assist. Prof. Physiology

Yeşim YASİN
M.A, MSc. Ph.D., Assoc. Prof. Public Health

Nalan KARADAĞ*
M.D., Instructor Cardiology

Rezzan GÜLHAN*
M.D., Prof. Medical Pharmacology

*Visiting Professor

Educational Methods	Lectures, panel and clinical practice
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Course Aims

The aim of this course is to provide knowledge about the normal structure and function of the cardiovascular system. It also aims to explain pathological changes in these structures and relate them with common cardiovascular diseases

Learning Outcomes

By the end of this course, the students will be able to:

1. Describe the structures macroscopically and microscopically that make up the cardiovascular system and explain macroscopic pathological changes.
2. Describe developmental processes and disorders of cardiovascular system
3. Explain normal electrical activity and basic disorders and pharmacological approach of the heart.
4. Explain normal mechanical activity and basic disorders and pharmacological approach of the heart
5. Explain the relationship of the heart and circulatory system and vascular pathologies.
6. Explain the mechanisms that determine the dynamics of circulation
7. Explain the mechanisms of regulation, disorders and pharmacological approaches of CVD
8. Describe the formation, regulation, disorders and pharmacological approaches of blood pressure
9. Explain the regulation of coronary circulation, basic disorders and pharmacological approach
10. Explain strategies for evaluation and prevention of common CVS diseases.
11. Explain the understanding of genetic determinants of CVD

Assessment Methods	Theoretical and Practical Examinations
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Course Name	Gastrointestinal System and Related Disorders	MED 315
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	16.12.2024 – 31.01.2025

Theoretical Hours	123	Credit 10	ECTS 10
Practical Hours	10		
Study Hours	100		
TOTAL HOURS	233		

Course Chairs

Sinem ÖKTEM OKULLU
Assist. Prof. Medical Microbiology
Sinem.Oktem@acibadem.edu.tr

Devrim ÖZ ARSLAN
Ph.D., Assoc. Prof. Biophysics
Devrim.Arslan@acibadem.edu.tr

Course Lecturers

Alp BAYRAMOĞLU
M.D., Ph.D., Prof. Anatomy

Mustafa AKTEKİN
M.D., Ph.D., Prof. Anatomy

Elif Nedret KESKİNÖZ
Ph.D., Assist. Anatomy

Serap ARBAK
Ph.D., Prof. Histology & Embryology

Deniz YÜCEL
Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS
Ph.D., Assoc. Prof. Medical Biology

Pınar TOPSEVER
M.D., Prof. Family Medicine

Şirin PARKAN
M.D., Instructor Family Medicine

Demet DİNÇ
M.D., Instructor Family Medicine

Figen DEMİR
M.D., Assoc. Prof. Public Health

Levent ALTINTAŞ
M.D., Assoc. Prof. Medical Education

Yeşim YASİN
M.A., MSc., Ph.D., Assoc. Prof. Public Health

Cemaliye AKYERLİ BOYLU
Ph.D., Assoc. Prof. Medical Biology

Aysel ÖZPINAR
DVM., Ph.D., Prof. Medical Biochemistry

Fehime BENLİ AKSUNGAR
M.D., Prof. Medical Biochemistry

Mustafa SERTESER
M.D., Prof. Medical Biochemistry

Abdurrahman COŞKUN
M.D., Prof. Medical Biochemistry

Ahmet Tarık BAYKAL
Ph.D., Prof. Biochemistry

Filiz ONAT
M.D., Ph.D. Prof. Pharmacology

Rezzan GÜLHAN*
M.D., Prof. Medical Pharmacology

Emel BALOĞLU
M.D., Ph.D., Assoc. Prof. Pharmacology

Uğur ÖZBEK
M.D. Prof. Medical Genetics

Melike ŞAHİNER
M.D., Assoc. Prof. Medical Education

Mahir GÜLCAN
M.D., Assoc. Prof. Pediatrics

Nurdan TÖZÜN
M.D., Prof. Internal Medicine

Arzu TİFTİKÇİ
M.D., Prof. Internal Medicine

Fatih Oğuz ÖNDER
M.D., Prof. Internal Medicine

Eser KUTSAL*
M.D., Prof. Internal Medicine

Suna YAPALI
M.D., Assoc. Prof. Internal Medicine

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof. Medical Education

Sibel ERDAMAR ÇETİN
M.D., Prof. Pathology

Aylin ALTAN KUŞ
M.D., Assoc. Prof. Radiology

Hale KIRIMLIOĞLU
M.D., Prof. Pathology

Özgür KURT
M.D., Ph.D., Prof. Medical Microbiology

Özdal ERSOY
M.D., Assist. Prof. Internal Medicine

Can GÖNEN
M.D., Assoc. Prof. Internal Medicine

Meltem KOLGAZİ

Ph.D., Assoc. Prof. Physiology

Sesin KOCAGÖZ

M.D., Prof. Infectious Diseases

Burak TANDER

M.D., Prof. Pediatrics

Işıl PAKİŞ

M.D., Prof. Forensic Medicine

Gürhan ŞİŞMAN

M.D., Prof. Internal Medicine

Hülya KUŞOĞLU

M.D., Assist. Prof. Infectious Diseases

Bülent DEĞERTEKİN*

M.D., Prof. Internal Medicine

***Visiting Professor**

Educational Methods	Lectures, Lab Study, Problem Based Learning Sessions and Team Based Learning Sessions
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Course Aims

The aim of this course is to provide knowledge about normal structure and function of the gastrointestinal. It also aims to explain pathological changes in these processes and structures and associate them with common gastrointestinal system diseases

Learning Outcomes

By the end of this course, the students will be able to:

1. Explain the location, macroscopic and microscopic features and development processes of the organs of the gastrointestinal tract and related structures
2. Explain the functions of gastrointestinal system organs and related structures and define the mechanism of operation
3. Explain functional and organic disorders that may occur in gastrointestinal system, explain pathological changes and associate them with basic clinical diseases
4. Explain microbiota, explain related disorders, clinical presentations
5. Describe GIS tumors, explain their development and clinical presentations, screening approaches
6. Explains the pharmacological approaches for the treatment of functional and organic disorders of GI Tract
7. Explain the biochemical features and mechanisms of GI system including related disorders and laboratory tests
8. Describe the common GI disorders in childhood including GI embryogenesis
9. Explain pathological changes in GI system including tumors and define the associations with clinical diseases
10. Define the molecular basis of GI disorders
11. Explain the radiological anatomy of GI tract
12. Define GI disorders in primary care and discuss their primary prevention and also explain food safety regarding public health

Assessment Methods	Theoretical and Practical Examinations, Active Attendance / Performance Assessment
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Course Name	Urogenital System and Related Disorders	MED 312
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Spring
Course Dates	17.02.2025 – 17.04.2025

Theoretical Hours	108	Credit 8	ECTS 8
Practical Hours	12		
Study Hours	90		
TOTAL HOURS	210		

Course Chairs

Sinem ÖKTEM OKULLU
Assist. Prof. Medical Microbiology
Sinem.Oktem@acibadem.edu.tr

Devrim ÖZ ARSLAN
Ph.D., Assoc. Prof. Biophysics
Devrim.Arslan@acibadem.edu.tr

Course Lecturers

Alp BAYRAMOĞLU
M.D., Ph.D., Prof. Anatomy

Mustafa AKTEKİN
M.D., Ph.D., Prof. Anatomy

Elif Nedret KESKİNÖZ
Ph.D., Assist. Anatomy

Serap ARBAK
Ph.D., Prof. Histology & Embryology

Deniz YÜCEL
Ph.D., Assist. Prof. Histology & Embryology

Merve AÇIKEL ELMAS
Ph.D., Assist. Prof. Histology & Embryology

Pınar TOPSEVER
M.D., Prof. Family Medicine

Şirin PARKAN
M.D., Instructor Family Medicine

Hülya KUŞOĞLU
M.D., Assist. Prof. Infectious Diseases

Sesin KOCAGÖZ
M.D., Prof. Infectious Diseases

Belgin SELAM
M.D., Prof. Gynecology & Obstetrics

Selin ÖZALTIN
M.D., Assist. Prof. Obstetrics & Gynecology

Borçak Çağlar RUHİ
M.D., Assoc. Prof. Radiology

Sevgi ŞAHİN
M.D., Prof. Internal Medicine

Aysel ÖZPINAR
D.V.M., Ph.D., Prof. Medical Biochemistry

Abdurrahman COŞKUN
M.D., Prof. Medical Biochemistry

Fehime BENLİ AKSUNGAR
M.D., Prof. Medical Biochemistry

Ahmet Tarkan BAYKAL
Ph.D., Assoc. Prof. Medical Biochemistry

Cemaliye AKYERLİ BOYLU
Ph.D., Assoc. Prof. Medical Biology

Özden HATIRNAZ NG
Ph.D., Assoc. Prof. Medical Biology

Handan ZEREN
M.D., Prof. Pathology

Yeşim SAĞLICAN
M.D., Assoc. Prof. Pathology

Asiye Işın DOĞAN EKİCİ
M.D., Prof. Pathology

Cem SUNGUR
M.D., Instructor Medical Education

Fatma TOKAT
M.D., Assoc. Prof. Pathology

Aylin ALTAN KUŞ
M.D., Assist. Prof. Radiology

Metehan ÖZEN
M.D., Prof. Pediatrics

Burcu BULUM AKBULUT
M.D., Assoc. Prof. Pediatrics

Filiz ONAT
M.D., Ph.D. Prof. Pharmacology

Rezzan GÜLHAN*
M.D., Prof. Medical Pharmacology

Emel BALOĞLU
M.D., Ph.D., Assoc. Prof. Pharmacology

Yeşim YASİN
M.A, MSc. Ph.D., Assoc. Prof. Public Health

Bora ÖZVEREN
M.D., Assoc. Prof. Urology

İlter TÜFEK
M.D., Prof. Urology

Enis Rauf COŞKUNER
M.D., Assoc. Prof. Urology

Burak ÖZKAN
M.D., Assoc. Prof. Urology

Mehmet ERGEN
D.V.M. Ph.D., Assist. Prof. Physiology

Yeşim GÜROL
M.D., Prof. Medical Microbiology

Güldal SÜYEN
M.D., Ph.D., Prof. Physiology

Educational Methods	Lectures, Lab Study, Panel and Problem Based Learning Sessions
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Course Aims

The aim of this course is to provide knowledge about normal structure and function of the urogenital system. It also aims to explain pathological changes in these structures and associate them with common urogenital system diseases

Learning Outcomes

By the end of this course, the students will be able to:

1. Explain the location of the urogenital system organs and related structures, macroscopic and microscopic features and developmental processes
2. Explain the functions and functioning mechanisms of the urogenital system organs and related structures
3. Describe the disorders and pathological changes that may occur in the urinary system and explain pharmacological approaches that relate to basic clinical diseases
4. Describe the disorders and pathological changes that may occur in the genital system and explain pharmacological approaches that relate to basic clinical diseases
5. Describe urinary incidence, storage and discharge mechanisms, associated disorders and pharmacological approaches.
6. Explain the urogenital system infectious agents, clinical manifestations and pharmacological approach.
7. Explain the basic principles of screening in the urogenital system
8. Explain liquid electrolyte balance and acid balance and its disorders

Assessment Methods	Theoretical and Practical Examinations, Active Attendance / Performance Assessment
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Course Name	Evidence Based Medicine	MED 321
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	30.09.2024 – 31.01.2025

Theoretical Hours	20	Credit 2	ECTS 4
Practical Hours	1		
Study Hours	80		
TOTAL HOURS	101		

Course Chairs

Pınar TOPSEVER
M.D., Prof. Family Medicine
pinar.topsever@acibadem.edu.tr

Figen DEMİR
M.D., Assoc. Prof. Public Health
figen.demir@acibadem.edu.tr

Course Lecturers

Pınar TOPSEVER
M.D., Prof. Family Medicine

Demet DİNÇ
M.D., Instructor Family Medicine

Şirin PARKAN
M.D., Instructor Family Medicine

Levent ALTINTAŞ
M.D., Assoc. Prof. Medical Education

Melike ŞAHİNER
M.D., MSc., Ph.D., Assoc. Prof. Medical
Education

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof. Medical Education

Işıl PAKIŞ
M.D., Prof. Forensic Medicine

Figen DEMİR
M.D., Assoc. Prof. Public Health

Educational Methods	Theoretical and practical sessions, peer discussions, experiential learning, case studies and group presentations, simulated patient encounters
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Course Aims

This course aims;

Research in Health: Evidence Based Medicine (EBM)

-Critical Appraisal of Medical Literature-

To create a learning opportunity for students to gain necessary knowledge and skills about basic introduction to the principles of Evidence-Based Practice in medicine, concerning the effective use of medical literature for the diagnosis and the treatment of their patients.

Advanced Communication Skills:

- To enable students to effectively manage difficult situations and sensitive issues during medical interviews using appropriate communication skills

Learning Outcomes

By the end of this subject committee, the students will be able to:

Research in Health: Evidence Based Medicine (EBM)

-Critical Appraisal of Medical Literature-

- define Evidence-Based Practice (EBP)
- identify EBP searching strategies
- define the hierarchy of evidence according to study type
- identify key questions that help evaluate the validity of the results of a study
- account key questions used in clinical trails and acquire skills for critically appraising the experimental studies,
- account key questions used in studies of harm and acquire skills for critically appraising the observational studies
- define validity (sensitivity, specificity, positive and negative predictive values) and reliability
- define confounding factors, and random error
- define and name the types of bias
- interpret study findings, p value and confidence interval Critically evaluate research methodologies and findings

Advanced Communication Skills

- Define “difficult patient encounter”
- Name the steps of the process of breaking bad news
- Be aware of the function of communication skills for the management of “difficult patient encounters”
- Be aware of the function of non-verbal communication and active listening skills for managing sensitive issues in medical interviews
- Define and demonstrate communication skills necessary for managing patients in specific clinical contexts (e.g. Initiating behaviour change).
- Define the circle of behaviour change
- Discuss and name methods and communication skills necessary to induce change of risky health behaviour (e.g. brief intervention, motivational interviewing)
- Value the importance of a patient-centered approach for managing difficult patient encounters

Assessment Methods	Written examination, case analyses, assignments, IRAT, GRAT, group working in class activity, simulated patient encounters and feedback
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Course Name	Health and Society- II	MED 323
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Spring
Course Dates	17.02.2025 – 11.04.2025

Theoretical Hours	16	Credit 4	ECTS 7
Practical Hours	48		
Study Hours	100		
TOTAL HOURS	164		

Course Chairs

Yeşim YASİN

M.A, MSc. Ph.D., Assoc. Prof. Public Health
yesim.yasin@acibadem.edu.tr

Course Lecturces

Pınar TOPSEVER

M.D., Prof. Family Medicine

Yeşim YASİN

M.A, MSc. Ph.D., Assoc. Prof. Public Health

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

Mehmet ERGEN

D.V.M. PhD., Assist. Prof. Physiology

Figen DEMİR

M.D., Assoc. Prof. Public Health

Berna EREN*

M.D., Assist. Prof. Healthcare Management

*Visiting Professor

Educational Methods	Observation- and performing of primary care services in a Family Health Center, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions.
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Course Aims

This course aims to;

Health and Society:

- Observe clinical practice in Primary Care (PC)
- Consolidate, and transfer prior learning into the primary health care setting and practice of them.

Clinical and Communication Skills: Basic Physical Examination Skills

- Perform basic physical examination in a simulated environment
- Tell apart normal PE findings from pathological ones

Health Systems and Policy

- To develop a broad understanding of health systems and health care delivery processes.
- To explain Turkey Health System
- Assess individual and community needs.
- Demonstrate an awareness of the key concepts in health promotion
- Appreciate the main approaches which can be used in implementing health promotion at individual, community, and policy development levels

Health Economics

- To introduce students to economic principles, to encourage students to develop an understanding of how economic principles can be applied in health care decision making.

Learning Outcomes

By the end of this subject committee, the students will be able to:

Health and Society: Practice in Primary Care

- Observe the social, cultural economic and political factors of health and illness in the primary health care system
- Develop familiarity with practice of health care in the primary care setting
- Develop an awareness of the scope of primary health care services
- Identify and explore the key requirements in primary care practice
- Practice in history taking (anamnesis) and basic physical examination
- Communicate effectively with patients, their relatives/carers to collect and to give information
- Practice in consultative and scholar communication skills

Health Systems and Policy

- Be familiar with goals and objectives of health systems and be introduced to concepts such as equity, efficiency, effectiveness and choice
- Understand how health systems are organised and financed; how priorities are identified, resources allocated and providers paid
- Differentiate advantages and disadvantages of different structural arrangements, financing and provider payment methods and delivery systems
- Be able to identify key challenges faced by health systems
- Be familiar with international health system development trends

Health Economics

- Describe economic principles
- Define key terms and priority setting that will be needed in health economics
- Explain different types of economic evaluation: cost minimization analysis, cost utility analysis, cost consequences analysis and cost benefit analysis
- List the tools of health economics and how they influence priorities
- Provide examples of various health care systems and their relationship to market economics.

Assessment Methods	Written examination, case analyses, assignments.
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YEAR 3 FALL SEMESTER SCHEDULE



30.09.2024 MONDAY

10:10 - 10:50	Introduction Lecture	Çağlar ÇUHADAROĞLU
11:00 - 11:40	Introduction to the Year 3	Sinem ÖKTEM OKULLU-Devrim ÖZ ARSLAN
11:50 - 12:30	Introduction to MED313 Respiratory System	Sinem ÖKTEM OKULLU-Devrim ÖZ ARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	The nose, associated structures and paranasal sinuses	Mustafa AKTEKİN
14:20 - 15:00	The nose, associated structures and paranasal sinuses	Mustafa AKTEKİN
15:10 - 15:50	FC 1: Study Time: The root of neck / The neck	
16:00 - 16:40	FC 1: Study Time: Deepback muscles, sub-occipital region	
16:50 - 17:30	Study Time	

01.10.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	FC 1: Study Time: Muscular triangles of the neck	
11:00 - 11:40	FC 1: Study Time: Muscular triangles of the neck	
11:50 - 12:30	FC 1: Group study time: Deepback muscles, sub-occipital region/The root of neck/The Neck/ Muscular triangles of the Neck	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC-1: Discussion: Deepback muscles, sub-occipital region/The root of neck/ The Neck/Muscular triangles of the Neck	Alp BAYRAMOĞLU
14:20 - 15:00	FC-1: Discussion: Deepback muscles, sub-occipital region/The root of neck/ The Neck/Muscular triangles of the Neck	Alp BAYRAMOĞLU
15:10 - 15:50	Introduction to Elective in Medicine	
16:00 - 16:40	Introduction to Elective in Medicine	
16:50 - 17:30	Study Time	

02.10.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/EBM: Introduction to CMPS	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Introduction to the principles of evidence based medicine	DEMİR, TOPSEVER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Deep back muscles, suboccipital region Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
14:20 - 15:00	LAB: The Neck and Muscular triangles Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	LAB: Deep back muscles, suboccipital region Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:00 - 16:40	LAB: The Neck and Muscular triangles Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:50 - 17:30	Study Time	

03.10.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: The Nose, Associated structures and Paranasal Sinuses Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: The Nose, Associated structures and Paranasal Sinuses Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: The Nose, Associated structures and Paranasal Sinuses Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: The Nose, Associated structures and Paranasal Sinuses Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC 2: Study Time: The Larynx	
14:20 - 15:00	FC 2: Study Time: The Larynx	
15:10 - 15:50	FC 2: study time: The Trachea and the Lungs	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

04.10.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Histology of the upper respiratory system	Serap ARBAK
10:10 - 10:50	Histology of the upper respiratory system	Serap ARBAK
11:00 - 11:40	The ideal gas law, gas mixtures	Beki KAN
11:50 - 12:30	The ideal gas law, gas mixtures	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	CMPS/EBM: Error sources in epidemiological studies-1-study time for TBL	
16:00 - 16:40	CMPS/EBM: Error sources in epidemiological studies-1-study time for TBL	
16:50 - 17:30	Study Time	

07.10.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	FC 2: Group study time: The Larynx, The Trachea and The Lungs	Anatomy Lab
11:00 - 11:40	FC-2: Discussion: The Larynx, trachea and lungs	Alp BAYRAMOĞLU
11:50 - 12:30	FC-2: Discussion: The Larynx, trachea and lungs	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Surface tension of alveoli	Beki KAN
14:20 - 15:00	Surface tension of alveoli	Beki KAN
15:10 - 15:50	Study time	
16:00 - 16:40	Study time	
16:50 - 17:30	Study time	

08.10.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Larynx, trachea and lungs Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Larynx, trachea and lungs Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Larynx, trachea and lungs Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Larynx, trachea and lungs Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Transfer of respiratory gases in blood	Devrim ÖZ ARSLAN
14:20 - 15:00	Transfer of respiratory gases in blood	Devrim ÖZ ARSLAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study time	

09.10.2024 WEDNESDAY		
08:30 - 09:10	FC 3: Study Time: Mediastinum and diaphragm	
09:20 - 10:00	FC 3: Study Time: Mediastinum and diaphragm	
10:10 - 10:50	CMPS/EBM: Error sources in epidemiological studies-1(RATS)	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Error sources in epidemiological studies-1 (in-class activity)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Error sources in epidemiological studies-1 (in-class activity)	DEMİR, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.10.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Histology of the lower respiratory system	Serap ARBAK
11:00 - 11:40	Viral and fungal diseases of the lung	Handan ZEREN
11:50 - 12:30	Bacterial pneumonias and lung abscess	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	The Thoracic Wall	Mustafa AKTEKİN
14:20 - 15:00	The Thoracic Wall	Mustafa AKTEKİN
15:10 - 15:50	FC 3: Group Study Time: Mediastinum, diaphragm	Anatomy Lab
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.10.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
10:10 - 10:50	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
11:00 - 11:40	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
11:50 - 12:30	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Diseases of the upper airways	Handan ZEREN
14:20 - 15:00	Diseases of the upper airways	Handan ZEREN
15:10 - 15:50	Diseases of the upper airways	Handan ZEREN
16:00 - 16:40	CMPS/EBM: Error sources in epidemiological studies-2-study time for TBL	
16:50 - 17:30	CMPS/EBM: Error sources in epidemiological studies-2-study time for TBL	

14.10.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Effects of incr. & decreased lung press. (deep sea diving-high altitude)	Devrim ÖZ ARSLAN
10:10 - 10:50	Upper respiratory system infections	Hülya KUŞOĞLU
11:00 - 11:40	Upper respiratory system infections	Hülya KUŞOĞLU
11:50 - 12:30	LAB: Histology of respiratory system Group A	ARBAK, YÜCEL, A.ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of respiratory system Group B	ARBAK, YÜCEL, A.ELMAS
14:20 - 15:00	FC-3: Discussion: Mediastinum & diaphragm	Mustafa AKTEKİN
15:10 - 15:50	FC-3: Discussion: Mediastinum & diaphragm	Mustafa AKTEKİN
16:00 - 16:40	LAB: Thoracic wall, Diaphragm, Mediastinum Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:50 - 17:30	LAB: Thoracic wall, Diaphragm, Mediastinum Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ

15.10.2024 TUESDAY		
08:30 - 09:10	LAB: Thoracic wall, Diaphragm, Mediastinum Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
09:20 - 10:00	LAB: Thoracic wall, Diaphragm, Mediastinum Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	Tumors of pleura and mediastinum	Handan ZEREN
11:00 - 11:40	Respiratory system functions	Hande YAPIŞLAR
11:50 - 12:30	Respiratory system functions	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drugs in chronic obstructive pulmonary disease	Rezzan GÜLHAN
14:20 - 15:00	Alveolar and tissue respiration	Hande YAPIŞLAR
15:10 - 15:50	Approach to respiratory tract infections in primary care	Pınar TOPSEVER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.10.2024 WEDNESDAY		
08:30 - 09:10	Lower respiratory system infections	Sesin KOCAGÖZ
09:20 - 10:00	Lower respiratory system infections	Sesin KOCAGÖZ
10:10 - 10:50	CMPS/EBM: Error sources in epidemiological studies-2(RATs)	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Error sources in epidemiological studies-2 (in-class activity)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Error sources in epidemiological studies-2 (in-class activity)	DEMİR, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.10.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Medical English: Respiratory System Journal Club	Sesin KOCAGÖZ
10:10 - 10:50	Medical English: Respiratory System Journal Club	Sesin KOCAGÖZ
11:00 - 11:40	Diffuse interstitial lung diseases	Handan ZEREN
11:50 - 12:30	Pathology of the pulmonary circulation	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Panel: Asthma	KİRİŞOĞLU, TOPSEVER, BİNGÖL
14:20 - 15:00	Panel: Asthma	KİRİŞOĞLU, TOPSEVER, BİNGÖL
15:10 - 15:50	Panel: Asthma	KİRİŞOĞLU, TOPSEVER, BİNGÖL
16:00 - 16:40	Drugs for asthma	Rezzan GÜLHAN
16:50 - 17:30	Study Time	

18.10.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Chronic Obstructive Pulmonary Disease	Gülseren SAĞCAN
10:10 - 10:50	Chronic Obstructive Pulmonary Disease	Gülseren SAĞCAN
11:00 - 11:40	Neoplastic diseases of the lung	Handan ZEREN
11:50 - 12:30	Neoplastic diseases of the lung	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL study time	
14:20 - 15:00	TBL study time	
15:10 - 15:50	TBL study time	
16:00 - 16:40	CMPS/EBM:Randomized clinical- study time for TBL	
16:50 - 17:30	CMPS/EBM:Randomized clinical- study time for TBL	

21.10.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Management of COPD in PHC	Pınar TOPSEVER
10:10 - 10:50	Management of COPD in PHC	Pınar TOPSEVER
11:00 - 11:40	Pathology of common chronic obstructive lung diseases	Handan ZEREN
11:50 - 12:30	Pathology of common chronic obstructive lung diseases	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Regulation of respiration	Hande YAPIŞLAR
14:20 - 15:00	Regulation of respiration	Hande YAPIŞLAR
15:10 - 15:50	Expectorants, Antitussive agents and decongestants	Medine Gülçebi İDRİZ OĞLU
16:00 - 16:40	Sleep Apnea Syndrome	Ceyda EREL KİRİŞOĞLU
16:50 - 17:30	Study Time	

22.10.2024 TUESDAY		
08:30 - 09:10	TBL Study Time	
09:20 - 10:00	Development of Respiratory System	Deniz YÜCEL
10:10 - 10:50	Pleural Effusion	Sertaç ARSLAN
11:00 - 11:40	Radiological anatomy and algorithm of the thorax	Aylin ALTAN KUŞ
11:50 - 12:30	Radiological anatomy and algorithm of the thorax	Aylin ALTAN KUŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL: Tobacco Control, smoking cessation and air pollution	AYKAÇ, ÇUHADAROĞLU
14:20 - 15:00	TBL: Tobacco Control, smoking cessation and air pollution	AYKAÇ, ÇUHADAROĞLU
15:10 - 15:50	TBL: Tobacco Control, smoking cessation and air pollution	AYKAÇ, ÇUHADAROĞLU
16:00 - 16:40	Interstitial lung disease	Çağlar ÇUHADAROĞLU
16:50 - 17:30	Study Time	

23.10.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/EBM: Critical appraisal of a randomized clinical trial (RATs)	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Critical appraisal of a randomized clinical trial (in-class activity)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a randomized clinical trial (in-class activity)	DEMİR, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Pulmonary Embolism	Ceyda EREL KİRİŞOĞLU
16:50 - 17:30	Pulmonary Embolism	Ceyda EREL KİRİŞOĞLU

24.10.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED313 Formative Assessment I	Meltem KOLGAZİ
11:50 - 12:30	MED313 Formative Assessment I	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Breath Sounds Group A	Sertaç ASLAN
14:20 - 15:00	LAB: Breath Sounds Group A	Sertaç ASLAN
15:10 - 15:50	LAB: Breath Sounds Group B	Sertaç ASLAN
16:00 - 16:40	LAB: Breath Sounds Group B	Sertaç ASLAN
16:50 - 17:30	CMPS/EBM: Critical appraisal of a cohort study- study time for TBL	

25.10.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	PANEL:Occupational and environmental lung diseases	SAĞCAN, ZEREN, YASIN
11:00 - 11:40	PANEL:Occupational and environmental lung diseases	SAĞCAN, ZEREN, YASIN
11:50 - 12:30	PANEL:Occupational and environmental lung diseases	SAĞCAN, ZEREN, YASIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.10.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30		
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		

29.10.2024 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30	Republic Day	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		

30.10.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/EBM: Critical appraisal of a cohort study (RATs)	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Critical appraisal of a cohort study (in-class activity)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a cohort study (in-class activity)	DEMİR, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	CMPS/EBM: Critical appraisal of a case-control study- study time for TBL	
16:50 - 17:30	Study Time	

31.10.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED 313 PRACTICAL EXAMINATION	Anatomy Lab
11:50 - 12:30	MED 313 PRACTICAL EXAMINATION	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED 313 THEORETICAL EXAMINATION	
15:10 - 15:50	MED 313 THEORETICAL EXAMINATION	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

04.11.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Introduction to MED311 Cardiovascular System	Sinem ÖKTEM OKULLU-Devrim ÖZ ARSLAN
11:50 - 12:30	Epidemiology of cardiovascular diseases	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	The heart as a pump; cardiac action potential	Meltem KOLGAZİ
14:20 - 15:00	The heart as a pump; cardiac action potential	Meltem KOLGAZİ
15:10 - 15:50	Heart and pericardium	Elif KESKİNÖZ
16:00 - 16:40	Heart and pericardium	Elif KESKİNÖZ
16:50 - 17:30	Study Time	

05.11.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Rhythmical excitation of the heart	Meltem KOLGAZİ
10:10 - 10:50	Rhythmical excitation of the heart	Meltem KOLGAZİ
11:00 - 11:40	Heart and pericardium	Elif KESKİNÖZ
11:50 - 12:30	Lymphatic circulation	Mustafa AKTEKİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Large vessels	Elif KESKİNÖZ
14:20 - 15:00	Histology of heart and blood vessels	Deniz YÜCEL
15:10 - 15:50	Histology of heart and blood vessels	Deniz YÜCEL
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.11.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/EBM: Critical appraisal of a case-control study (RATs)	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Critical appraisal of a case-control study (in-class activity)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a case-control study (in-class activity)	DEMİR, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.11.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Lab: Heart and pericardium_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	Lab: Heart and pericardium_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	Lab: Heart and pericardium_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	Lab: Heart and pericardium_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Development of Cardiovascular System	Serap ARBAK
14:20 - 15:00	Development of Cardiovascular System	Serap ARBAK
15:10 - 15:50	Cardiac cycle	Meltem KOLGAZİ
16:00 - 16:40	Cardiac cycle	Meltem KOLGAZİ
16:50 - 17:30	Study Time	

08.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Regulation of cardiac functions	Meltem KOLGAZİ
10:10 - 10:50	Physiological principles of heart sounds	Meltem KOLGAZİ
11:00 - 11:40	Basic concepts of fluid flow: Pressure, Pascal's law, Poiseuille's law	Beki KAN
11:50 - 12:30	Viscosity, laminar and turbulent flow	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Occupational health and safety education program	
15:10 - 15:50	Occupational health and safety education program	
16:00 - 16:40	Occupational health and safety education program	
16:50 - 17:30	Occupational health and safety education program	

11.11.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Cardiac Drugs altering autonomic nervous system and NO system	Rezzan GÜLHAN
10:10 - 10:50	Physical principles of ECG	Oya ORUN
11:00 - 11:40	Physical principles of ECG	Oya ORUN
11:50 - 12:30	Physiological principles of ECG	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiological principles of ECG	Meltem KOLGAZİ
14:20 - 15:00	Clinical Assessment of normal ECG	Burak PAMUKÇU
15:10 - 15:50	Equation of continuity, Kinetic energy associated with blood: Bernoulli's law	Beki KAN
16:00 - 16:40	Pressure drop, resistance of vascular beds	Beki KAN
16:50 - 17:30	CMPS/EBM:Critical appraisal of a methodological study-study time for TBL	

12.11.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Cardiovascular History and symptoms	Selçuk GÖRMEZ
10:10 - 10:50	Physical Examination in Cardiology	Selçuk GÖRMEZ
11:00 - 11:40	Study Time	
11:50 - 12:30	ECG: bradycardia and heart blocks	Alper KARAKUŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biophysics of blood vessel systems, Laplace's law	Beki KAN
14:20 - 15:00	Biophysics of blood vessel systems, Laplace's law	Beki KAN
15:10 - 15:50	Study Time	
16:00 - 16:40	CMPS/EBM:Critical appraisal of a methodological study-study time for TBL	
16:50 - 17:30	Study Time	

13.11.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/EBM: Critical appraisal of a methodological study (RATs)	
10:10 - 10:50	CMPS/EBM: Critical appraisal of a methodological study (in-class activity)	
11:00 - 11:40	CMPS/EBM: Critical appraisal of a methodological study (in-class activity)	
11:50 - 12:30	CMPS/EBM: Critical appraisal of a methodological study (in-class activity)	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Case discussion of normal ECG	Burak PAMUKÇU
16:50 - 17:30	Case discussion of normal ECG	Burak PAMUKÇU

14.11.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Lab: Histology of heart and blood vessels_Group A	ARBAK, YÜCEL, A.ELMAS
11:50 - 12:30	Lab: Histology of heart and blood vessels_Group B	ARBAK, YÜCEL, A.ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drug treatment of cardiac arrhythmia	Filiz ONAT
14:20 - 15:00	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Burak PAMUKÇU
15:10 - 15:50	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Burak PAMUKÇU
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.11.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	The role of gravity in circulation	Beki KAN
10:10 - 10:50	Regulation of blood flow	Meltem KOLGAZİ
11:00 - 11:40	Regulation of blood flow	Meltem KOLGAZİ
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.11.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Lipoprotein Metabolism and hyperlipidemias	Mustafa SERTESER
10:10 - 10:50	Lipoprotein Metabolism and hyperlipidemias	Mustafa SERTESER
11:00 - 11:40	Basic Arrhythmia Mechanism	Burak PAMUKÇU
11:50 - 12:30	Basic Arrhythmia Mechanism	Burak PAMUKÇU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Regulation of blood pressure	Meltem KOLGAZİ
14:20 - 15:00	Regulation of blood pressure	Meltem KOLGAZİ
15:10 - 15:50	Systemic hypertension: mechanisms and diagnosis	Funda HELVACIOĞLU
16:00 - 16:40	Drug treatment of atherosclerosis- hypercholest. and dyslipidemia	Filiz ONAT
16:50 - 17:30	Drug treatment of atherosclerosis- hypercholest. and dyslipidemia	Filiz ONAT

19.11.2024 TUESDAY		
08:30 - 09:10	Lab: Large vessels_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
09:20 - 10:00	Lab: Large vessels_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	Vascular events and atherosclerosis	Mustafa SERTESER
11:00 - 11:40	Vascular events and atherosclerosis	Mustafa SERTESER
11:50 - 12:30	Drugs affecting vasopressin and renin-angiotensin system	Rezzan GÜLHAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED311 Formative Assessment I	Meltem KOLGAZİ
14:20 - 15:00	MED311 Formative Assessment I	Meltem KOLGAZİ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.11.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Drug treatment of hypertension	Filiz ONAT
10:10 - 10:50	Drug treatment of hypertension	Filiz ONAT
11:00 - 11:40	CMPS/EBM: Critical appraisal of a meta-analysis	Pınar TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a meta-analysis	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.11.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Cyanosis	Canan AYABAKAN
11:00 - 11:40	Congenital Heart Diseases	Canan AYABAKAN
11:50 - 12:30	Congenital Heart Diseases	Canan AYABAKAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Meltem KILERCİK
14:20 - 15:00	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Meltem KILERCİK
15:10 - 15:50	Drug treatment of hypertension	Filiz ONAT
16:00 - 16:40	Drug treatment of hypertension	Filiz ONAT
16:50 - 17:30	Study Time	

22.11.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.11.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED311 THEORETICAL EXAMINATION I	
15:10 - 15:50	MED311 THEORETICAL EXAMINATION I	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.11.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Microcirculation and oedema	Meltem KOLGAZİ
10:10 - 10:50	Microcirculation and oedema	Meltem KOLGAZİ
11:00 - 11:40	Coronary circulation and its regulation	Meltem KOLGAZİ
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Atherosclerosis and hypertensive vascular diseases	Cüyan DEMİRKESEN
14:20 - 15:00	Atherosclerosis and hypertensive vascular diseases	Cüyan DEMİRKESEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.11.2024 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Mitral and Aortic valvular heart diseases	Sena SERT ŞEKERCİ
10:10 - 10:50	Mitral and Aortic valvular heart diseases	Sena SERT ŞEKERCİ
11:00 - 11:40	Drug treatment of myocardial ischemia	Filiz ONAT
11:50 - 12:30	Drug treatment of myocardial ischemia	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	ECG: ischemia, injury, necrosis	Sinan DAĞDELEN
16:50 - 17:30	ECG: ischemia, injury, necrosis	Sinan DAĞDELEN

28.11.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Left heart failure: physiopathology and diagnosis	Sena SERT ŞEKERCİ
11:00 - 11:40	Left heart failure: physiopathology and diagnosis	Sena SERT ŞEKERCİ
11:50 - 12:30	Acute heart failure and cardiogenic shock	Mustafa AYTEK ŞİMŞEK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Myocardial ischemia and angina pectoris	Alper KARAKUŞ
14:20 - 15:00	Myocardial infarction: mechanisms and diagnosis	Alper KARAKUŞ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.11.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Tricuspid and Pulmonary valvular heart diseases	Funda HELVACIOĞLU
10:10 - 10:50	Right heart failure: physiopathology and diagnosis	Funda HELVACIOĞLU
11:00 - 11:40	Anticoagulant, thrombolytic agents and antiplatelet drugs	Filiz ONAT
11:50 - 12:30	Anticoagulant, thrombolytic agents and antiplatelet drugs	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.12.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of valvular heart diseases	Cüyan DEMİRKESEN
10:10 - 10:50	Pathology of valvular heart diseases	Cüyan DEMİRKESEN
11:00 - 11:40	Laboratory approach to heart failure and cardiac injury	Mustafa SERTESEER
11:50 - 12:30	Laboratory approach to heart failure and cardiac injury	Mustafa SERTESEER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cardiomyopathies	Sena SERT ŞEKERCİ
14:20 - 15:00	Cardiomyopathies	Sena SERT ŞEKERCİ
15:10 - 15:50	Ischemic heart disease	İlkser AKPOLAT
16:00 - 16:40	Ischemic heart disease	İlkser AKPOLAT
16:50 - 17:30	Study Time	

03.12.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Genetics of cardiovascular diseases	Kaya BİLGÜVAR
10:10 - 10:50	Genetics of cardiovascular diseases	Kaya BİLGÜVAR
11:00 - 11:40	LAB: Heart sounds and cardiac murmurs	Funda HELVACIOĞLU
11:50 - 12:30	LAB: ECG recording and evaluation tutorial	Funda HELVACIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cardiac Infections	Sesin KOCAĞÖZ
14:20 - 15:00	Cardiac Infections	Sesin KOCAĞÖZ
15:10 - 15:50	Medical English:CVS Journal Club	Pınar TOPSEVER
16:00 - 16:40	Medical English:CVS Journal Club	Pınar TOPSEVER
16:50 - 17:30	Study Time	

04.12.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/EBM_ACS: Introduction to Advanced Communication Skills	Pınar TOPSEVER
10:10 - 10:50	CMPS/EBM_ACS: Difficult patient encounters	Şirin PARKAN
11:00 - 11:40	CMPS/EBM_ACS: Breaking bad news	Yasemin ALANAY
11:50 - 12:30	CMPS/EBM_ACS:Initiating behavior change, motivational interviewing	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

05.12.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Lymphoreticular system infections	Serap GENCER
10:10 - 10:50	Lymphoreticular system infections	Serap GENCER
11:00 - 11:40	Vasculitis	Cüyan DEMİRKESEN
11:50 - 12:30	Coronary heart disease: Primary prevention	Mustafa AYTEK ŞİMŞEK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Blood stream invasion and sepsis	Hülya KUŞOĞLU
14:20 - 15:00	Blood stream invasion and sepsis	Hülya KUŞOĞLU
15:10 - 15:50	Prevention and control of cardiovascular diseases	Yeşim YASİN
16:00 - 16:40	Study time for Malaria Panel	
16:50 - 17:30	Study time for Malaria Panel	

06.12.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Lymphoreticular system infections	Serap GENCER
10:10 - 10:50	Lymphoreticular system infections	Serap GENCER
11:00 - 11:40	Infections of blood and tissue parasites	Özgür KURT
11:50 - 12:30	Infections of blood and tissue parasites	Özgür KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Malaria Panel	KURT, DEMİR, KOCAĞÖZ
15:10 - 15:50	Malaria Panel	KURT, DEMİR, KOCAĞÖZ
16:00 - 16:40	Antimalarial Drugs	Medine Gülçebi İDRİZ OĞLU
16:50 - 17:30	Study Time	

09.12.2024 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Meeting With Mentor	
10:10 - 10:50	Infections of blood and tissue parasites	Özgür KURT
11:00 - 11:40	Infections of blood and tissue parasites	Özgür KURT
11:50 - 12:30	Infections of blood and tissue parasites	Özgür KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Identification of Blood Borne Parasites	KURT, OKTEM- OKULLU
14:20 - 15:00	LAB: Identification of Blood Borne Parasites	KURT, OKTEM- OKULLU
15:10 - 15:50	Radiological anatomy and algorythm of the cardiovascular system	Deniz Can ALIŞ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.12.2024 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED311 Formative Assessment II	Meltem KOLGAZI
10:10 - 10:50	MED311 Formative Assessment II	Meltem KOLGAZI
11:00 - 11:40	Drug treatment of heart failure	Filiz ONAT
11:50 - 12:30	Drug treatment of heart failure	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biosimilar Drugs	Rezzan GÜLHAN
14:20 - 15:00	Approach to cardiovascular diseases in primary care	Pınar TOPSEVER
15:10 - 15:50	PC approach to the patient with chest pain	Pınar TOPSEVER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.12.2024 WEDNESDAY

08:30 - 09:10	CMPS/EBM_ACS: Simulated patient encounters	CASE
09:20 - 10:00	CMPS/EBM_ACS: Simulated patient encounters	CASE
10:10 - 10:50	CMPS/EBM_ACS: Simulated patient encounters	CASE
11:00 - 11:40	CMPS/EBM_ACS: Simulated patient encounters	CASE
11:50 - 12:30	CMPS/EBM_ACS: Simulated patient encounters	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM_ACS: Simulated patient encounters	CASE
14:20 - 15:00	CMPS/EBM_ACS: Simulated patient encounters	CASE
15:10 - 15:50	CMPS/EBM_ACS: Simulated patient encounters	CASE
16:00 - 16:40	CMPS/EBM_ACS: Simulated patient encounters	CASE
16:50 - 17:30	CMPS/EBM_ACS: Simulated patient encounters	CASE

12.12.2024 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.12.2024 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED311 THEORETICAL EXAMINATION II	
10:10 - 10:50	MED311 THEORETICAL EXAMINATION II	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.12.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED315 Gastrointestinal System	Sinem ÖKTEM OKULLU-Devrim ÖZ ARSLAN
11:00 - 11:40	Abdominal wall	Mustafa AKTEKİN
11:50 - 12:30	Peritoneum and inguinal region	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Peritoneum and inguinal region	Alp BAYRAMOĞLU
14:20 - 15:00	Peritoneum and inguinal region	Alp BAYRAMOĞLU
15:10 - 15:50	General principles of gastrointestinal function; digestion in the mouth	Meltem KOLGAZİ
16:00 - 16:40	General principles of gastrointestinal function; digestion in the mouth	Meltem KOLGAZİ
16:50 - 17:30	Study Time	

17.12.2024 TUESDAY		
08:30 - 09:10	CMPS/EBM_ACS: Simulated patient encounters	CASE
09:20 - 10:00	CMPS/EBM_ACS: Simulated patient encounters	CASE
10:10 - 10:50	CMPS/EBM_ACS: Simulated patient encounters	CASE
11:00 - 11:40	CMPS/EBM_ACS: Simulated patient encounters	CASE
11:50 - 12:30	CMPS/EBM_ACS: Simulated patient encounters	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM_ACS: Simulated patient encounters	CASE
14:20 - 15:00	CMPS/EBM_ACS: Simulated patient encounters	CASE
15:10 - 15:50	CMPS/EBM_ACS: Simulated patient encounters	CASE
16:00 - 16:40	CMPS/EBM_ACS: Simulated patient encounters	CASE
16:50 - 17:30	CMPS/EBM_ACS: Simulated patient encounters	CASE

18.12.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBL: Introduction to GIS Anatomy	Elif Nedret KESKİNÖZ
10:10 - 10:50	LAB: Abdominal wall & peritoneum_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Abdominal wall & peritoneum_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	TBL1:Study Time-Oral cavity, pharynx, esophagus	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	PBL Session 1 " Why has my skin turned yellow?	YAPIŞLAR, AÇIKEL ELMAS, YURTTUTAN UYAR, AKTEKİN, KİTAPÇIOĞLU, DİNÇ, AYAŞ
16:50 - 17:30	PBL Session 1 " Why has my skin turned yellow?	

19.12.2024 THURSDAY		
08:30 - 09:10	CMPS/EBM_ACS: Simulated patient encounters	CASE
09:20 - 10:00	CMPS/EBM_ACS: Simulated patient encounters	CASE
10:10 - 10:50	CMPS/EBM_ACS: Simulated patient encounters	CASE
11:00 - 11:40	CMPS/EBM_ACS: Simulated patient encounters	CASE
11:50 - 12:30	CMPS/EBM_ACS: Simulated patient encounters	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM_ACS: Simulated patient encounters	CASE
14:20 - 15:00	CMPS/EBM_ACS: Simulated patient encounters	CASE
15:10 - 15:50	CMPS/EBM_ACS: Simulated patient encounters	CASE
16:00 - 16:40	CMPS/EBM_ACS: Simulated patient encounters	CASE
16:50 - 17:30	CMPS/EBM_ACS: Simulated patient encounters	CASE

20.12.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Medical English:GIS Journal Club	Nurdan TÖZÜN
10:10 - 10:50	Medical English:GIS Journal Club	Nurdan TÖZÜN
11:00 - 11:40	Dig. and abs. of nitrogenous compounds, carbohydrates and fat	Ahmet Tarık BAYKAL
11:50 - 12:30	Dig. and abs. of nitrogenous compounds, carbohydrates and fat	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for PBL	
14:20 - 15:00	Study Time for PBL	
15:10 - 15:50	TBL1:Study Time-Oral cavity, pharynx, esophagus	
16:00 - 16:40	TBL1:Study Time-Oral cavity, pharynx, esophagus	
16:50 - 17:30	Study Time	

23.12.2024 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PBL Session 2 " Why has my skin turned yellow?	YAPIŞLAR, AÇIKEL ELMAS, YURTTUTAN UYAR, AKTEKİN, KİTAPÇIOĞLU, DİNÇ, AYAS
10:10 - 10:50	PBL Session 2 " Why has my skin turned yellow?	
11:00 - 11:40	Study Time	
11:50 - 12:30	Pathology of oral cavity and salivary gland	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of esophagus	Sibel ERDAMAR ÇETİN
14:20 - 15:00	Pathology of esophagus	Sibel ERDAMAR ÇETİN
15:10 - 15:50	Histology of the upper digestive system	Serap ARBAK
16:00 - 16:40	Histology of the lower digestive system	Serap ARBAK
16:50 - 17:30	Histology of the lower digestive system	Serap ARBAK

24.12.2024 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Histology of the Upper Digestive System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
10:10 - 10:50	LAB: Histology of the Upper Digestive System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
11:00 - 11:40	LAB: Histology of the Upper Digestive System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	LAB: Histology of the Upper Digestive System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
14:20 - 15:00	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
15:10 - 15:50	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
16:00 - 16:40	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
16:50 - 17:30	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN

25.12.2024 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBL1:Group Study Time-Oral cavity, pharynx, esophagus	Anatomy Lab
10:10 - 10:50	TBL 1:Readiness ass. test 'oral cavity, pharynx, esoph.' & cover lecture	Mustafa AKTEKİN
11:00 - 11:40	TBL 1 LAB: Oral cavity, pharynx, oesophagus_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	TBL 1 LAB: Oral cavity, pharynx, oesophagus_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time for PBL	
16:50 - 17:30	Study Time for PBL	

26.12.2024 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Motor and secretory functions of the stomach	Meltem KOLGAZİ
10:10 - 10:50	Digestion in the stomach	Meltem KOLGAZİ
11:00 - 11:40	Histology of the pancreas and the glands of the digestive system	Merve Açikel Elmas
11:50 - 12:30	Histology of the pancreas and the glands of the digestive system	Merve Açikel Elmas
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of liver	Serap ARBAK
14:20 - 15:00	LAB: Hist of the lower Dig. sys_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
15:10 - 15:50	LAB: Hist of the lower Dig. sys_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
16:00 - 16:40	LAB: Hist of the lower Dig. sys_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
16:50 - 17:30	LAB: Hist of the lower Dig. sys_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS

27.12.2024 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Histology of the Glands _ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
10:10 - 10:50	LAB: Histology of the Glands _ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
11:00 - 11:40	LAB: Histology of the Glands _ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	LAB: Histology of the Glands _ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Secretions of exocrine pancreas and gall bladder	Meltem KOLGAZİ
15:10 - 15:50	PBL Session 3 " Why has my skin turned yellow?	YAPIŞLAR, AÇIKEL ELMAS, YURTTUTAN UYAR, AKTEKİN, KİTAPÇIOĞLU, DİNÇ, AYAS
16:00 - 16:40	PBL Session 3 " Why has my skin turned yellow?	
16:50 - 17:30	Study Time	

30.12.2024 MONDAY	
08:30 - 09:10	TBL2 Study Time: Stomach and small intestine
09:20 - 10:00	TBL2 Study Time: Stomach and small intestine
10:10 - 10:50	TBL2 Study Time: Stomach and small intestine
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

31.12.2024 TUESDAY	
08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

01.01.2025 WEDNESDAY	
08:30 - 09:10	
09:20 - 10:00	
10:10 - 10:50	
11:00 - 11:40	
11:50 - 12:30	
12:30 - 13:30	New Year's Day
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	
16:50 - 17:30	

02.01.2025 THURSDAY		
08:30 - 09:10	TBL2 Group Study Time: Stomach and small intestine	Anatomy Lab
09:20 - 10:00	Motor and secretory functions of the small intestine	Meltem KOLGAZİ
10:10 - 10:50	TBL 2: Readiness ass. test 'stomach, small int.' & cover lecture	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	TBL 2 LAB: stomach, small intestine_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	TBL 2 LAB: stomach, small intestine_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman COŞKUN
14:20 - 15:00	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman COŞKUN
15:10 - 15:50	Molecular basis of colon cancer	Cemaliye AKYERLİ BOYLU
16:00 - 16:40	TBL3 Study Time- Large intestine and anal canal	
16:50 - 17:30	TBL3 Study Time- Large intestine and anal canal	

03.01.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Digestion and absorption in the small intestine	Meltem KOLGAZİ
10:10 - 10:50	Digestion and absorption in the small intestine	Meltem KOLGAZİ
11:00 - 11:40	Pathology of gastritis and peptic ulcer	Sibel ERDAMAR ÇETİN
11:50 - 12:30	Pathology of gastritis and peptic ulcer	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
14:20 - 15:00	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
15:10 - 15:50	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
16:00 - 16:40	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN
16:50 - 17:30	CMPS/EBM_ACS: Tutor feed-back	TOPSEVER, DİNÇ, KİTAPÇIOĞLU, PARKAN

06.01.2025 MONDAY

08:30 - 09:10	Group Study Time TBL 3	
09:20 - 10:00	Neoplastic diseases of the stomach	Sibel ERDAMAR ÇETİN
10:10 - 10:50	Neoplastic diseases of the stomach	Sibel ERDAMAR ÇETİN
11:00 - 11:40	Gastric, intestinal and pancreatic function tests	Mustafa SERTESER
11:50 - 12:30	Digestion and absorption in the small intestine	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Digestion and absorption in the small intestine	Meltem KOLGAZİ
14:20 - 15:00	TBL 3: Readiness ass. test 'large int., anal canal' & cover lecture	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	TBL 3 LAB: Large intestine, anal canal_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:00 - 16:40	TBL 3 LAB: Large intestine, anal canal_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:50 - 17:30	Study Time	

07.01.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Biochemical aspects of carbohydrate metabolism disorders	Fehime AKSUNGAR
10:10 - 10:50	Biochemical aspects of carbohydrate metabolism disorders	Fehime AKSUNGAR
11:00 - 11:40	Tumors of small and large intestine	Sibel ERDAMAR ÇETİN
11:50 - 12:30	Tumors of small and large intestine	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Gastroesophageal reflux disease	Arzu TİFTİKÇİ
14:20 - 15:00	Study Time	
15:10 - 15:50	MED315 Formative Assessment I	Hande YAPIŞLAR
16:00 - 16:40	MED315 Formative Assessment I	Hande YAPIŞLAR
16:50 - 17:30	Study Time	

08.01.2025 WEDNESDAY

08:30 - 09:10	Tumors of the upper and lower digestive system	Cem AYGÜN
09:20 - 10:00	Tumors of the upper and lower digestive system	Cem AYGÜN
10:10 - 10:50	Drugs for the therapy of acid peptic diseases	Filiz ONAT
11:00 - 11:40	Drugs for the therapy of acid peptic diseases	Filiz ONAT
11:50 - 12:30	Drugs for the therapy of acid peptic diseases	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Development of digestive system	Serap ARBAK
16:50 - 17:30	Development of digestive system	Serap ARBAK

09.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.01.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED315 THEORETICAL EXAMINATION I	
11:50 - 12:30	MED315 THEORETICAL EXAMINATION I	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.01.2025 MONDAY		
08:30 - 09:10	TBL 4 Study Time- Liver, hepatobiliary & portal systems	
09:20 - 10:00	TBL 4 Study Time- Liver, hepatobiliary & portal systems	
10:10 - 10:50	Biochemical assessment of liver function	Suna YAPALI
11:00 - 11:40	Morphologic patterns of hepatic injury and cirrhosis	Hale KIRIMLIOĞLU
11:50 - 12:30	Morphologic patterns of hepatic injury and cirrhosis	Hale KIRIMLIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Detoxification mechanism	Abdurrahman COŞKUN
14:20 - 15:00	Liver functions	Aysel ÖZPINAR
15:10 - 15:50	Liver functions	Aysel ÖZPINAR
16:00 - 16:40	Portal hypertension and clinical presentation of liver cirrhosis	Nurdan TÖZÜN
16:50 - 17:30	Portal hypertension and clinical presentation of liver cirrhosis	Nurdan TÖZÜN

14.01.2025 TUESDAY		
08:30 - 09:10	TBL 4 Study Time- Liver, hepatobiliary & portal systems	
09:20 - 10:00	Viral Gastroenteritis	Hülya KUŞOĞLU
10:10 - 10:50	Bacterial gastroenteritis and food poisoning	Hülya KUŞOĞLU
11:00 - 11:40	Bacterial gastroenteritis and food poisoning	Hülya KUŞOĞLU
11:50 - 12:30	Abdominal discomfort and emergencies of the GI tract in primary care	Demet DİNÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Genetic basis of common gastrointestinal disorders	Kaya BİLGUVAR
14:20 - 15:00	Genetic basis of common gastrointestinal disorders	Kaya BİLGUVAR
15:10 - 15:50	Food safety	Yeşim YASİN
16:00 - 16:40	Parasitic Gastroenteritis	Özgür KURT
16:50 - 17:30	Study Time	

15.01.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Virology of Hepatitis	Sesin KOCAGÖZ
10:10 - 10:50	Inborn errors of metabolism	Hale KIRIMLIOĞLU
11:00 - 11:40	Inborn errors of metabolism	Hale KIRIMLIOĞLU
11:50 - 12:30	TBL 4 Group Study Time- Liver, hepatobiliary & portal systems	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.01.2025 THURSDAY		
08:30 - 09:10	TBL 4:Readiness ass. test 'liver, hepatobiliary& portal sys.& cover lecture	Mustafa AKTEKİN
09:20 - 10:00	TBL 4 LAB: Liver, hepatobiliary & portal systems_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	TBL 4 LAB: Liver, hepatobiliary & portal systems_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	Functional GI disorders	Özda ERSOY
11:50 - 12:30	Functional GI disorders	Özda ERSOY
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Malabsorption and coeliac disease	Arzu TİFTİKÇİ
14:20 - 15:00	Hepatomegaly in childhood	Mahir GÜLCAN
15:10 - 15:50	Viral hepatitis in childhood	Mahir GÜLCAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.01.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of acute and chronic hepatitis	Hale KIRIMLIOĞLU
10:10 - 10:50	Pathology of acute and chronic hepatitis	Hale KIRIMLIOĞLU
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Gastrointestinal system embryopathogenesis	Burak TANDER
15:10 - 15:50	Gastrointestinal system embryopathogenesis	Burak TANDER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.01.2025 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Reference intervals and interpretation of laboratory tests	Abdurrahman COŞKUN
11:50 - 12:30	Reference intervals and interpretation of laboratory tests	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Acute viral hepatitis	Suna YAPALI
14:20 - 15:00	Acute viral hepatitis	Suna YAPALI
15:10 - 15:50	Study Time	
16:00 - 16:40	Pathology of metabolic liver diseases	Hale KIRIMLIOĞLU
16:50 - 17:30	Pathology of metabolic liver diseases	Hale KIRIMLIOĞLU

21.01.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Hereditary and metabolic diseases of the liver in the adult	Fatih Oğuz ÖNDER
10:10 - 10:50	Gallstone disease	Can GÖNEN
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Infantile cholestasis	Mahir GÜLCAN
14:20 - 15:00	Abdominal pain in childhood	Mahir GÜLCAN
15:10 - 15:50	Health promotion & primary prevention: Nutrition, lifestyle and GI dis.	Şirin PARKAN
16:00 - 16:40	Chronic hepatitis	Nurdan TÖZÜN
16:50 - 17:30	Chronic hepatitis	Nurdan TÖZÜN

22.01.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of intrahepatic biliary tract diseases	Hale KIRIMLIOĞLU
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of hepatic nodules and tumors	Hale KIRIMLIOĞLU
11:50 - 12:30	Pathology of hepatic nodules and tumors	Hale KIRIMLIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Antiemetics	Medine Gülçebi İDRİZ OĞLU
16:50 - 17:30	Study Time	

23.01.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Tumors of the liver	Özdal ERSOY
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of circulatory disorders of liver	Hale KIRIMLIOĞLU
11:50 - 12:30	Pathology of drug and toxin induced liver diseases	Hale KIRIMLIOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Alcoholic and nonalcoholic liver diseases	Bülent DEĞERTEKİN
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.01.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Drugs affecting secretory and motor functions of GI system	Filiz ONAT
11:00 - 11:40	Infectious enterocolitis	Sibel ERDAMAR ÇETİN
11:50 - 12:30	Malabsorption syndromes, vascular disorders and diverticular disease	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drugs used in inflammatory bowel disease + pancreatic disease	Rezzan GÜLHAN
14:20 - 15:00	Drugs used in inflammatory bowel disease + pancreatic disease	Rezzan GÜLHAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.01.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Motor and secretory functions; absorption in the large intestine; def.	Meltem KOLGAZI
10:10 - 10:50	Motor and secretory functions; absorption in the large intestine; def.	Meltem KOLGAZI
11:00 - 11:40	Inflammatory bowel disease	Can GÖNEN
11:50 - 12:30	Inflammatory bowel disease	Can GÖNEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Radiological anatomy and algorithm of the abdomen	Aylin ALTAN KUŞ
14:20 - 15:00	Radiological anatomy and algorithm of the abdomen	Aylin ALTAN KUŞ
15:10 - 15:50	Pathology of exocrine pancreas and gall bladder and appendix	Hale KIRIMLIOĞLU
16:00 - 16:40	Pathology of exocrine pancreas and gall bladder and appendix	Hale KIRIMLIOĞLU
16:50 - 17:30	Study Time	

28.01.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of Inflammatory bowel disease	Sibel ERDAMAR ÇETİN
10:10 - 10:50	Pathology of Inflammatory bowel disease	Sibel ERDAMAR ÇETİN
11:00 - 11:40	Acute pancreatitis	Gürhan ŞİŞMAN
11:50 - 12:30	Acute pancreatitis	Gürhan ŞİŞMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Chronic pancreatitis	Gürhan ŞİŞMAN
14:20 - 15:00	Drugs for constipation and diarrhea	Filiz ONAT
15:10 - 15:50	Peptic ulcer disease	Fatih Oğuz ÖNDER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.01.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED315 Formative Assessment II	Hande YAPIŞLAR
10:10 - 10:50	MED315 Formative Assessment II	Hande YAPIŞLAR
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.01.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.01.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED315 THEORETICAL EXAMINATION II	
15:10 - 15:50	MED315 THEORETICAL EXAMINATION II	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

YEAR 3
SPRING
SEMESTER
SCHEDULE



17.02.2025 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED312 Urogenital System	Sinem ÖKTEM OKULLU-Devrim ÖZ ARSLAN
11:00 - 11:40	CMPS/H&S-II: Introduction to Health & Society-II- orientation field study	Yeşim YAŞIN
11:50 - 12:30	Introduction to TBL: Fluid-electrolytes & acid-base	SUNGUR, ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Kidney, ureter, urinary bladder, urethra	Elif KESKİNÖZ
14:20 - 15:00	Kidney, ureter, urinary bladder, urethra	Elif KESKİNÖZ
15:10 - 15:50	Histology of the organs forming the urinary system	Serap ARBAK
16:00 - 16:40	Histology of the organs forming the urinary system	Serap ARBAK
16:50 - 17:30	Study Time	

18.02.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Glomerular filtration	Ekin DÖNGEL
10:10 - 10:50	Glomerular filtration	Ekin DÖNGEL
11:00 - 11:40	LAB: Kidney, ureter, urinary bladder, urethra_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Kidney, ureter, urinary bladder, urethra_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of the organs forming the urinary system_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
14:20 - 15:00	LAB: Histology of the organs forming the urinary system_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
15:10 - 15:50	Renal function tests and urinalysis	Abdurrahman COŞKUN
16:00 - 16:40	Renal function tests and urinalysis	Abdurrahman COŞKUN
16:50 - 17:30	Study Time	

19.02.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Pelvis and Perineum	Mustafa AKTEKİN
10:10 - 10:50	Vessels of the pelvis	Mustafa AKTEKİN
11:00 - 11:40	LAB: Histology of the organs forming the urinary system_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	LAB: Histology of the organs forming the urinary system_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.02.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Tubular reabsorption and secretion	Ekin DÖNGEL
10:10 - 10:50	Tubular reabsorption and secretion	Ekin DÖNGEL
11:00 - 11:40	Development of the urinary system	Merve AÇIKEL ELMAS
11:50 - 12:30	Development of the urinary system	Merve AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.02.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Agents affecting renal conservation of water	Rezzan GÜLHAN
10:10 - 10:50	Micturition	Ekin DÖNGEL
11:00 - 11:40	CMPS/H&S-II: Basics of health economics	BERNA EREN
11:50 - 12:30	CMPS/H&S-II: Basics of health economics	BERNA EREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
15:10 - 15:50	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
16:00 - 16:40	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
16:50 - 17:30	Meeting With Mentor	

24.02.2025 MONDAY		
08:30 - 09:10	CMPS/H&S-II: Training in PC	
09:20 - 10:00	CMPS/H&S-II: Training in PC	
10:10 - 10:50	CMPS/H&S-II: Training in PC	
11:00 - 11:40	CMPS/H&S-II: Training in PC	
11:50 - 12:30	CMPS/H&S-II: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-II: Training in PC	
14:20 - 15:00	LAB: Pelvis, perineum and vessels of the pelvis Group _A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
15:10 - 15:50	LAB: Pelvis, perineum and vessels of the pelvis Group _B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.02.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Urine Examination_Group A	Aysel ÖZPINAR, Fehime AKSUNGAR
10:10 - 10:50	LAB: Urine Examination_Group A	Aysel ÖZPINAR, Fehime AKSUNGAR
11:00 - 11:40	Pathology of tubular and interstitial diseases of kidney	Asiye Işın DOĞAN EKİCİ
11:50 - 12:30	Pathology of tubular and interstitial diseases of kidney	Asiye Işın DOĞAN EKİCİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of vascular diseases of kidney	Asiye Işın DOĞAN EKİCİ
14:20 - 15:00	Etiology and diagnosis of acute kidney disease	Borçak Çağlar RUHİ
15:10 - 15:50	Etiology and diagnosis of acute kidney disease	Borçak Çağlar RUHİ
16:00 - 16:40	Pathology of urinary tract	Yeşim SAĞLICAN
16:50 - 17:30	Pathology of renal tumors	Yeşim SAĞLICAN

26.02.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Urine Examination_Group B	Aysel ÖZPINAR, Fehime AKSUNGAR
10:10 - 10:50	LAB: Urine Examination_Group B	Aysel ÖZPINAR, Fehime AKSUNGAR
11:00 - 11:40	TBL Study Time: Fluid-electrolytes, physiology and disorders	SUNGUR, ERGEN
11:50 - 12:30	TBL Study Time: Fluid-electrolytes, physiology and disorders	SUNGUR, ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	FC Study Time: Anatomy of female genital organs	
16:50 - 17:30	FC Study Time: Anatomy of female genital organs	

27.02.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Renal involvement in diabetes and hypertension	Sevgi ŞAHİN
10:10 - 10:50	Clinical presentation of glomerular and tubulointerstitial diseases	Sevgi ŞAHİN
11:00 - 11:40	Urologic symptoms and physical examination	Bora ÖZVEREN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Congenital anomalies of urinary tract	Yeşim SAĞLICAN
15:10 - 15:50	Conditions associated with hematuria	Burcu Bulum AKBULUT
16:00 - 16:40	Conditions associated with proteinuria	Burcu Bulum AKBULUT
16:50 - 17:30	Study Time	

28.02.2025 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Clinical aspects of chronic kidney disease	Ülkem ÇAKIR
10:10 - 10:50	Clinical aspects of chronic kidney disease	Ülkem ÇAKIR
11:00 - 11:40	CMPS/H&S-II: Health Care System in Turkey	Berna EREN
11:50 - 12:30	CMPS/H&S-II: Health Care System in Turkey	Berna EREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Urinary incontinence	Burak ÖZKAN
15:10 - 15:50	Urinary obstruction	İlter TÜFEK
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.03.2025 MONDAY

08:30 - 09:10	CMPS/H&S-II: Training in PC	
09:20 - 10:00	CMPS/H&S-II: Training in PC	
10:10 - 10:50	CMPS/H&S-II: Training in PC	
11:00 - 11:40	CMPS/H&S-II: Training in PC	
11:50 - 12:30	CMPS/H&S-II: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-II: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	FC Study Time: Anatomy of male genital organs	
16:00 - 16:40	FC Study Time: Anatomy of male genital organs	
16:50 - 17:30	Study Time	

04.03.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Urinary tract infections	Hülya KUŞOĞLU
10:10 - 10:50	Urinary tract infections	Hülya KUŞOĞLU
11:00 - 11:40	TBL Study Time: Acid-base, physiology and disorders	SUNGUR, ERGEN
11:50 - 12:30	TBL Study Time: Acid-base, physiology and disorders	SUNGUR, ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Agents for urinary tract infections	Filiz ONAT
14:20 - 15:00	Agents for urinary tract infections	Filiz ONAT
15:10 - 15:50	Management of the patient with urinary incontinence in primary care	Şirin PARKAN
16:00 - 16:40	FC Group study time: Anatomy of female and male genital organs	
16:50 - 17:30	Study Time	

05.03.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	FC Discussion: Anatomy of female & male genital organs	Elif KESKİNÖZ
11:50 - 12:30	FC Discussion: Anatomy of female & male genital organs	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Hereditary basis of renal disorders	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.03.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Female and male genital organs_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Female and male genital organs_Group B	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Female and male genital organs_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Female and male genital organs_Group A	AKTEKİN, BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED312 Formative Assessment I	Mehmet ERGEN
14:20 - 15:00	MED312 Formative Assessment I	Mehmet ERGEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.03.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/H&S-II: Finance & economic appraisal of health	BERNA EREN
11:50 - 12:30	CMPS/H&S-II: Finance & economic appraisal of health	BERNA EREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	TBL Session: Fluid-electrolytes & acid-base	SUNGUR, ERGEN
15:10 - 15:50	TBL Session: Fluid-electrolytes & acid-base	SUNGUR, ERGEN
16:00 - 16:40	TBL Session: Fluid-electrolytes & acid-base	SUNGUR, ERGEN
16:50 - 17:30	TBL Session: Fluid-electrolytes & acid-base	SUNGUR, ERGEN

10.03.2025 MONDAY		
08:30 - 09:10	CMPS/H&S-II: Training in PC	
09:20 - 10:00	CMPS/H&S-II: Training in PC	
10:10 - 10:50	CMPS/H&S-II: Training in PC	
11:00 - 11:40	CMPS/H&S-II: Training in PC	
11:50 - 12:30	CMPS/H&S-II: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-II: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.03.2025 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED312 THEORETICAL EXAMINATION I	
14:20 - 15:00	MED312 THEORETICAL EXAMINATION I	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

12.03.2025 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	PBL Session 1 - Family	YASİN, KURT, ARTVINLİ, KESKİNÖZ, AKSUNGAR, TİMUÇİN, HATIRNAZ NG
11:50 - 12:30	PBL Session 1- Family	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.03.2025 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Histology of the organs forming the female reproductive system	Serap ARBAK
10:10 - 10:50	Histology of the organs forming the female reproductive system	Serap ARBAK
11:00 - 11:40	Prenatal Diagnosis	Özden HATIRNAZ NG
11:50 - 12:30	Prenatal Diagnosis	Özden HATIRNAZ NG
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Female reproductive function	Ekin DÖNGEL
14:20 - 15:00	Female reproductive function	Ekin DÖNGEL
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.03.2025 FRIDAY		
08:30 - 09:10	Doctors day	
09:20 - 10:00	Doctors day	
10:10 - 10:50	Doctors day	
11:00 - 11:40	Doctors day	
11:50 - 12:30	Doctors day	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.03.2025 MONDAY

08:30 - 09:10	CMPS/H&S-II: Training in PC	
09:20 - 10:00	CMPS/H&S-II: Training in PC	
10:10 - 10:50	CMPS/H&S-II: Training in PC	
11:00 - 11:40	CMPS/H&S-II: Training in PC	
11:50 - 12:30	CMPS/H&S-II: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-II: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.03.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Histology of the organs form. the fem. rep. sys._Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
10:10 - 10:50	LAB: Histology of the organs form. the fem. rep. sys._Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
11:00 - 11:40	LAB: Histology of the organs form. the fem. rep. sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
11:50 - 12:30	LAB: Histology of the organs form. the fem. rep. sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biochemistry of reproductive hormones	Fehime AKSUNGAR
14:20 - 15:00	Biochemistry of reproductive hormones	Fehime AKSUNGAR
15:10 - 15:50	Meeting With Mentor	
16:00 - 16:40	Study Time for PBL	
16:50 - 17:30	Study Time for PBL	

19.03.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Gestational trophoblastic diseases and placental disorder	Handan ZEREN
10:10 - 10:50	Cytology of female reproductive system	Handan ZEREN
11:00 - 11:40	Pathology of non neoplastic uterine corpus	Handan ZEREN
11:50 - 12:30	Pregnancy physiology	Ekin DÖNGEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.03.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Histology of the organs forming the male reproductive system	Merve AÇIKEL ELMAS
10:10 - 10:50	Histology of the organs forming the male reproductive system	Merve AÇIKEL ELMAS
11:00 - 11:40	Gynecologic history taking, pelvic examination and diag. modalities	Belgin SELAM
11:50 - 12:30	Menstrual cycle disorders	Belgin SELAM
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of ovary and fallopian tubes	Handan ZEREN
14:20 - 15:00	Pathology of ovary and fallopian tubes	Handan ZEREN
15:10 - 15:50	PBL Session 2 - Family	YASİN, KURT, ARTVINLİ, KESKİNÖZ, AKSUNGAR,
16:00 - 16:40	PBL Session 2 - Family	TİMUÇİN, HATIRNAZ NG
16:50 - 17:30	Study Time for PBL	

21.03.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S-II: Government's role in health care	BERNA EREN
10:10 - 10:50	CMPS/H&S-II: Government's role in health care	BERNA EREN
11:00 - 11:40	CMPS/H&S-II: Health Promotion	FIGEN DEMİR
11:50 - 12:30	CMPS/H&S-II: Health Promotion	PINAR TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.03.2025 MONDAY

08:30 - 09:10	CMPS/H&S-II: Training in PC	
09:20 - 10:00	CMPS/H&S-II: Training in PC	
10:10 - 10:50	CMPS/H&S-II: Training in PC	
11:00 - 11:40	CMPS/H&S-II: Training in PC	
11:50 - 12:30	CMPS/H&S-II: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-II: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time for PBL	
16:50 - 17:30	Study Time for PBL	

25.03.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of vulva, vagina and cervix	Handan ZEREN
10:10 - 10:50	Pathology of vulva, vagina and cervix	Handan ZEREN
11:00 - 11:40	Fertilization, implantation and reproductive immunology	Selin ÖZALTIN
11:50 - 12:30	Normal and abnormal labor and delivery	Selin ÖZALTIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiologic changes in the puerperium	Selin ÖZALTIN
14:20 - 15:00	Male reproductive function	Ekin DÖNGEL
15:10 - 15:50	Genetic basis of infertility	Kaya BİLGUVAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.03.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Development of the reproductive system	Merve AÇIKEL ELMAS
10:10 - 10:50	Development of the reproductive system	Merve AÇIKEL ELMAS
11:00 - 11:40	PBL Session 3 - Family	YASIN, KURT, ARTVINLI, KESKİNÖZ, AKSUNGAR, TİMUÇİN, HATIRNAZ NG
11:50 - 12:30	PBL Session 3 - Family	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Hereditary breast and ovarian cancers	Cemaliye AKYERLİ BOYLU
16:50 - 17:30	Study Time	

27.03.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pathology of testis	Yeşim SAĞLİCAN
11:00 - 11:40	Pathology of testis	Yeşim SAĞLİCAN
11:50 - 12:30	Pathology of prostate	Yeşim SAĞLİCAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB:Hist of the organs forming the male reproductive sys._Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
14:20 - 15:00	LAB:Hist of the organs forming the male reproductive sys._Group B	ARBAK, YÜCEL, AÇIKEL ELMAS
15:10 - 15:50	LAB:Hist of the organs forming the male reproductive sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
16:00 - 16:40	LAB:Hist of the organs forming the male reproductive sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS
16:50 - 17:30	Study Time	

28.03.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Male sexual dysfunction	Enis Rauf COŞKUNER
10:10 - 10:50	Drugs affecting bladder function and erectile dysfunction	Filiz ONAT
11:00 - 11:40	CMPS/H&S-II: Supply, demand & market in health economics	BERNA EREN
11:50 - 12:30	CMPS/H&S-II: Supply, demand & market in health economics	BERNA EREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Androgens and anti-androgens	Filiz ONAT
15:10 - 15:50	Reproductive health	Yeşim YASIN
16:00 - 16:40	Safe motherhood	Yeşim YASIN
16:50 - 17:30	Study Time	

31.03.2025 MONDAY

08:30 - 09:10	Ramadan Holiday
09:20 - 10:00	Ramadan Holiday
10:10 - 10:50	Ramadan Holiday
11:00 - 11:40	Ramadan Holiday
11:50 - 12:30	Ramadan Holiday
12:30 - 13:30	Ramadan Holiday
13:30 - 14:10	Ramadan Holiday
14:20 - 15:00	Ramadan Holiday
15:10 - 15:50	Ramadan Holiday
16:00 - 16:40	Ramadan Holiday
16:50 - 17:30	Ramadan Holiday

01.04.2025 TUESDAY

08:30 - 09:10	Ramadan Holiday
09:20 - 10:00	Ramadan Holiday
10:10 - 10:50	Ramadan Holiday
11:00 - 11:40	Ramadan Holiday
11:50 - 12:30	Ramadan Holiday
12:30 - 13:30	Ramadan Holiday
13:30 - 14:10	Ramadan Holiday
14:20 - 15:00	Ramadan Holiday
15:10 - 15:50	Ramadan Holiday
16:00 - 16:40	Ramadan Holiday
16:50 - 17:30	Ramadan Holiday

02.04.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

03.04.2025 THURSDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

04.04.2025 FRIDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

07.04.2025 MONDAY

08:30 - 09:10	CMPS/H&S-II: Training in PC	
09:20 - 10:00	CMPS/H&S-II: Training in PC	
10:10 - 10:50	CMPS/H&S-II: Training in PC	
11:00 - 11:40	CMPS/H&S-II: Training in PC	
11:50 - 12:30	CMPS/H&S-II: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-II: Training in PC	
14:20 - 15:00	CMPS/H&S-II: Health Systems and Policy-I	Yeşim YASIN
15:10 - 15:50	CMPS/H&S-II: Health Systems and Policy-I	Yeşim YASIN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.04.2025 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Estrogens, progestins and contraceptives, postmenap. hormon ther.	Filiz ONAT
10:10 - 10:50	Estrogens, progestins and contraceptives, postmenap. hormon ther.	Filiz ONAT
11:00 - 11:40	Pathology of non neoplastic uterine corpus	Handan ZEREN
11:50 - 12:30	Pathology of neoplastic uterine corpus	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of breast	Fatma TOKAT
14:20 - 15:00	Pathology of breast	Fatma TOKAT
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.04.2025 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Sexually transmitted and other genital infections	Sesin KOCAGÖZ
10:10 - 10:50	Sexually transmitted and other genital infections	Sesin KOCAGÖZ
11:00 - 11:40	Congenital Infections	Metehan ÖZEN
11:50 - 12:30	Congenital Infections	Metehan ÖZEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Medical English: GUS Journal Club	Bora ÖZVEREN, Sesin KOCAGÖZ
16:50 - 17:30	Medical English: GUS Journal Club	Bora ÖZVEREN, Sesin KOCAGÖZ

10.04.2025 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Radiological anatomy & algorithm of the urogenital & reproduc. sys.	Aylin ALTAN KUŞ
11:50 - 12:30	Radiological anatomy & algorithm of the urogenital & reproduc. sys.	Aylin ALTAN KUŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Epidemiology and prevention of HIV	Yeşim YASIN
14:20 - 15:00	Epidemiology and prevention of HIV	Yeşim YASIN
15:10 - 15:50	Clinical and treatment approach to HIV infection	Sesin KOCAGÖZ
16:00 - 16:40	Family planning and contraception: counselling and informed choice	Pınar TOPSEVER
16:50 - 17:30	Sexual health in special groups	Pınar TOPSEVER

11.04.2025 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/H&S-II: Health Systems and Policy- II	Yeşim YASIN
11:50 - 12:30	CMPS/H&S-II: Health Systems and Policy-II	Yeşim YASIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of Female genital tract discussion	Handan ZEREN
14:20 - 15:00	Pathology of Female genital tract discussion	Handan ZEREN
15:10 - 15:50	MED312 Formative Assessment II	Mehmet ERGEN
16:00 - 16:40	MED312 Formative Assessment II	Mehmet ERGEN
16:50 - 17:30	Study Time	

14.04.2025 MONDAY

08:30 - 09:10	CMPS/H&S-II: Student reflection sessions
09:20 - 10:00	CMPS/H&S-II: Student reflection sessions
10:10 - 10:50	CMPS/H&S-II: Student reflection sessions
11:00 - 11:40	CMPS/H&S-II: Student reflection sessions
11:50 - 12:30	CMPS/H&S-II: Student reflection sessions
12:30 - 13:30	Lunch Time
13:30 - 14:10	CMPS/H&S-II: Student reflection sessions
14:20 - 15:00	CMPS/H&S-II: Student reflection sessions
15:10 - 15:50	CMPS/H&S-II: Student reflection sessions
16:00 - 16:40	CMPS/H&S-II: Student reflection sessions
16:50 - 17:30	CMPS/H&S-II: Student reflection sessions

15.04.2025 TUESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

16.04.2025 WEDNESDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	CMPS/H&S-II: written examination
12:30 - 13:30	Lunch Time
13:30 - 14:10	Electives in Medicine
14:20 - 15:00	Electives in Medicine
15:10 - 15:50	Electives in Medicine
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

17.04.2025 THURSDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	MED312 THEORETICAL EXAMINATION II
11:50 - 12:30	MED312 THEORETICAL EXAMINATION II
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

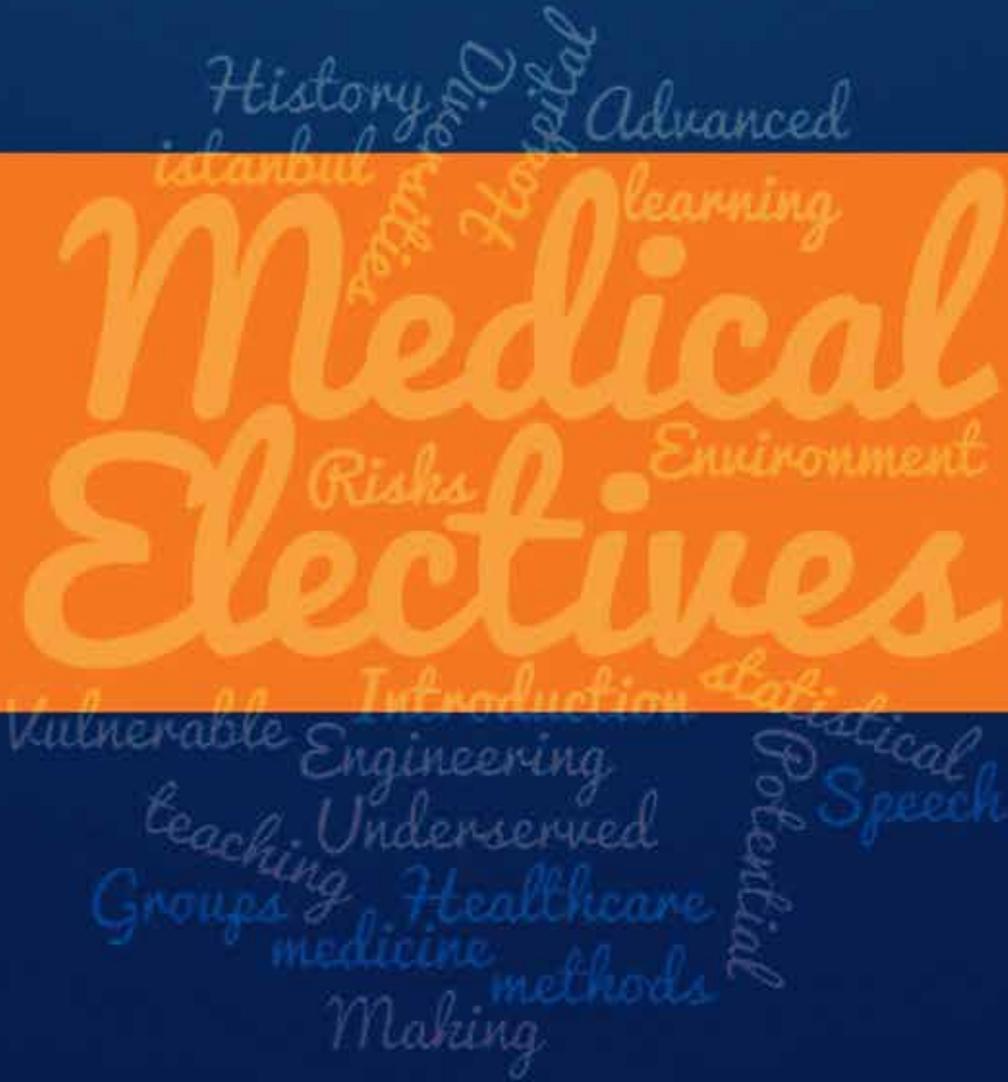
18.04.2025 FRIDAY

08:30 - 09:10	Study Time
09:20 - 10:00	Study Time
10:10 - 10:50	Study Time
11:00 - 11:40	Study Time
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	Study Time
15:10 - 15:50	Study Time
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time



ACIBADEM
MEHMET ALI AYDINLAR
UNIVERSITY

ELECTIVES IN MEDICINE PROGRAM STUDENT GUIDE 2024-2025





ACIBADEM
MEHMET ALİ AYDINLAR
UNIVERSITY

SCHOOL OF MEDICINE

ELECTIVES in MEDICINE STUDENT GUIDE

V.1.03

September 2024

ELECTIVES in MEDICINE (Fall 2024 – 2025)

Coordinators

Levent ALTINTAŞ,
M.D., Assoc. Prof.
Department of Medical
Education

Fatih ARTVİNLİ,
Ph.D., Assoc. Prof. Depart-
ment of the History of
Medicine and Ethics

Emel TİMUÇİN
Ph.D. Assoc. Prof.
Department of Biostatistics
and Medical Informatics

Medical Research Projects Coordinators

Tanıl KOCAGÖZ
M.D., Prof. Department of Medical Microbiology

Sinem Öktem Okullu
PhD Assoc.. Prof. Department of Medical Microbiology

Social Research Projects Coordinator

Fatih ARTVİNLİ,
Ph.D. Assoc. Prof. Department of the History of Medicine and Ethics

Course Instructors & Co-instructors

Levent ALTINTAŞ
M.D. Assoc. Prof.
Department of Medical Education

Melike ŞAHİNER
M.D. Assoc. Prof.
Department of Medical Education

Ata AKIN
Ph.D. Prof.
Department of Medical Engineering

Hande ARGUNŞAH
PhD Assoc. Prof. Department of Medical
Engineering

Fatih ARTVİNLİ
PhD Assoc. Prof. Department of History of
Medicine and Ethics

Cem SUNGUR
M.D. Prof. Department of Internal Medicine

O. Uğur SEZERMAN
PhD Prof. Department of Biostatistics and
Medical Informatics

Muhittin A. SERDAR
MD Prof. Department of Medical
Biochemistry

Sinem ÖKTEM OKULLU
PhD Assoc. Prof. Department of
Medical Microbiology

Ali Rıza Cenk ÇELEBİ
MD Prof. Department of Ophthalmology

Ceren RASİMOĞLU
PhD Assist. Prof. Department of History
of Medicine and Ethics

Dr. Tamer TURAN
MD Cardiovascular Surgery

Utkan TOPÇU
M.D. Neurosurgery

Yaman BARLAS
PhD Prof. Department of Industrial
Engineering

Günseli BAYRAM AKÇAPINAR
PhD Prof. Department of Medical
Biotechnology

Sümeyye AKÇELİK DEVECİ
PhD, Medical Biotechnology

Deniz YÜCEL
Ph. D. Assist. Prof.
Department of Histology and
Embryology

Yeşim Işıl ÜLMAN
PhD Prof. Department of the History
of Medicine and Ethics

Yeşim YAŞİN
MD Assoc. Prof. Department of
Public Health

Sinem ÖKTEM OKULLU
PhD Assoc.. Prof. Department of
Medical Microbiology

CONTENTS

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1.1. Electives in Medicine Flow Chart

2. Courses and Projects

3. Course Information

4. Electives in Medicine Projects and Courses Table

5. Registration Form

Dean's Message

Dear Students,

ACU School of Medicine's curriculum is designed to integrate basic sciences and clinical concepts in parallel streams all throughout Phase I (Years 1,2 &3).

Our main subject committee stream is paired with CMPS (Clinical Medicine and Professional Skills) program to provide you with skills to become lifelong researchers and trans-disciplinary scientists. Professionalism, ethics and social aspects of medicine are embedded in its structure. The well-established core curriculum of CMPS, now revised according to the National Core Curriculum for Medical Education (UÇEP-2014) is mandatory to all Phase I students.

This year, we are taking another important step in our continuing efforts to enrich and develop the Phase I curriculum. Hence, I am proud to introduce you to our new stream: "Electives in Medicine". This program is specifically designed to promote in depth enthusiasm in different fields of medicine, basic sciences, bioinformatics, medical engineering and humanities in general. You are encouraged to become independent inquirers, researchers, health advocates! We are looking forward to your accomplishments.

I sincerely, thank our program coordinators and contributing faculty members and wish you all a sensational year!

Best wishes,

Nadi BAKIRCI

Dean

ELECTIVES IN MEDICINE FLOW CHART

(Ask Yourself)

Do I want to participate a project based work or to attend a course?

RESEARCHS AND PROJECTS

if you want to be a part of a project based activity firstly decide that will it be a social project or a research

COURSE

To decide a proper course carefully examine the catalogue in detail.

if you want to apply a course, you have to chose one that you are interested and apply to it by using people soft.

Medical Researchs Projects

Look for a proper position that you want to be a part of it.

Social Research Projects

Look for a proper position that you want to be a part of it.

To decide a proper project carefully examine research projects present in the catalogue and signed as open for this semester.

To decide a proper project carefully examine the open social project in the catalogue. Please be careful some social projects can be designed as courses if you will find a project that was opened as course you can apply directy by using people soft.

If you can find one

If you **can not** find one

If you can find one

If you **can not** find one

To apply visit the responsible academican of project. If you will accepted to project team and they will inform the coordinator of research projects.

Be careful!

ONLY ACCEPTED STUDENTS WOULD BE APPLY THE PROJECTS

Now you can apply to related project as your elective in medicine program

Have you got a creative idea?

YES

NO

Visit one of related academican & express your idea. If you will be succesfull enough you can start a research project.

May be you have to apply on elective course this semester. But you can be a part of the research teams any time that you are ready

To apply visit the responsible academican of project. If you will accepted to project team and they will inform the coordinator of research projects.

Be careful!

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May be you have to apply on elective course this semester. But you can be a part of the research teams any time that you are ready

Medical Research and Projects Coordinator

Tanil KOCAGÖZ



Social Research and Projects Coordinator

Fatih ARTVINLİ



Courses and Projects (2024 – 2025)

Fall Semester Elective Courses

- EMED 001** **Introduction to Medical Engineering**
Hande Bayram, Ph.D. Assist. Prof. Department of Medical Engineering
- EMED 009** **Vulnerable and Underserved Groups in Healthcare**
Fatih Artvinli, Ph.D. Assoc. Prof. Department of History of Medicine and Ethics
Yeşim Yasin, M.D. Assoc. Prof. Department of Public Health
- EMED 030** **Public Speaking**
Levent Altıntaş, M.D. Ph.D. Assoc. Prof. Department of Medical Education
- EMED 203** **Computational 'Omics' Analysis**
O. Uğur Sezerman, Ph.D. Prof. Department of Biostatistics and Medical Informatics
- EMED 205** **Research tools in psychophysiology**
Mehmet Ergen, Ph.D. Assist. Prof. Department of Physiology
- EMED 207** **Biomedical Technologies –II-**
Sinem Öktem Okullu, Ph.D. Assist. Prof. Department of Medical Microbiology
- EMED 209** **Ophthalmic Biotechnology**
Ali Rıza Cenk Çelebi, M.D. Assoc. Prof. Department of Ophthalmology
- EMED 211** **Applied Statistics and Data Mining in Health Data**
Muhittin Serdar, M.D. Prof. Department of Medical Biochemistry
- EMED 213** **How do we learn?**
Melike Şahiner, M.D. Assoc. Prof. Department of Medical Education

Fall Semester Elective Research Projects

- EMED 281** **Social Research Projects**
Fatih Artvinli, Ph.D. Assoc. Prof. Department of History of Medicine and Ethics
- EMED 291** **Medical Research Projects**
Tanıl Kocagöz, M.D. Prof. Department of Medical Microbiology
- EMED 381** **Social Research Projects**
Fatih Artvinli, Ph.D. Assoc. Prof. Department of History of Medicine and Ethics
- EMED 391** **Medical Research Projects**
Tanıl Kocagöz, M.D. Prof. Department of Medical Microbiology

Spring Semester Elective Courses (Tentative)

- EMED 008 Public Speaking**
Levent Altıntaş, M.D. Ph.D. Assoc. Prof. Department of Medical Education
- EMED 017 Regenerative Medicine**
Deniz Yücel, Ph.D. Assist. Prof. Department of Histology and Embryology
Beste Kınıkoğlu Erol, Ph. D. Assoc. Prof. Department of Medical Biology
- EMED 018 Pathogens, Epidemics & Society**
Yeşim Yasin, MD Assoc. Prof. Department of Public Health Assoc. Prof. Osman ELBEK
- EMED 020 Myths about Medicinal Plants**
Melike Şahiner, M. D. Assoc. Prof. Department of Medical Education
- EMED 021 Oral History in Medicine**
Fatih Artvinli, PhD Assoc. Prof. Department of History of Medicine and Ethics
- EMED 032 Medical Technologies**
Ata Akın, Ph.D. Prof., Department of Medical Engineering
- EMED 036 Artificial Intelligence Applications in Medicine**
Ali Rıza Cenk Çelebi, M.D. Prof. Department of Ophthalmology
- EMED 038 Bioethics and Movies**
Yeşim Işıl Ülman, Ph.D. Prof., Department of History of Medicine and Ethics
- EMED 204 Anatomical Dissection**
Mustafa Alptekin, M.D. Prof., Department of Anatomy
- EMED 302 Personalized Medicine**
Uğur Sezerman, Ph.D. Prof., Department of Biostatistics and Medical Informatics

Spring Semester Elective Medical & Social Research Projects

- EMED 282 Social Research Projects**
Fatih Artvinli, Ph.D. Assoc. Prof. Department of History of Medicine and Ethics
- EMED 292 Medical Research Projects**
Sinem Öktem Okullu, PhD Assist. Prof. Department of Medical Microbiology
Tanıl Kocagöz, MD Prof. Department of Medical Microbiology
- EMED 382 Social Research Projects**
Fatih Artvinli, Ph.D. Assoc. Prof. Department of History of Medicine and Ethics
- EMED 392 Medical Research Projects**
Sinem Öktem Okullu, PhD Assist. Prof. Department of Medical Microbiology
Tanıl Kocagöz, MD Prof. Department of Medical Microbiology

1.1. Elective Course Title	Introduction to Medical Engineering																														
2.1. Name of course instructor (coordinator)	Hande Bayram Ph.D. <i>Assist. Prof. Department of Medical Engineering</i>																														
2.2. Names of co-instructors	Ata Akin Ph.D. <i>Prof. Department of Medical Engineering</i>																														
3.1. Brief course description	Aim of the course is to introduce the students to the field of medical engineering, teach them the basics of medical device innovation processes (a.k.a. bio design), introduce them to clinical settings and with medical experts in identifying clinical problems and help them create an innovative solution to a clinical problem.																														
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> •Gain knowledge on the broad field of medical engineering •Observe clinical settings and the problems most common in these environments •Learn innovation and design techniques •Use project based learning techniques in producing feasible solution to a clinical problem via teamwork •Present their solutions in an attractive manner. 																														
5.1. Supported EME Course Basic Objective (s)	<table border="1"> <thead> <tr> <th>No</th> <th>EME Course Basic Objectives</th> <th>✓</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Self-directed learning</td> <td>✓</td> <td>Students are expected to perform literature surveys, consult experts in understanding the pathophysiology of the disease, origins of the clinical problem and the state-of-art of technology in treating or diagnosing this problem</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Students are expected to work in teams in creating their solutions and presenting their idea</td> </tr> <tr> <td>3</td> <td>Understanding and using the basic principles of evidence-based scientific approaches</td> <td>✓</td> <td></td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td>✓</td> <td>Students are expected to present their innovative solution as an oral presentation and a written report</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Students are expected to work in teams in creating their innovative solutions to a clinical problem. They will be informed about the processes that involve project development</td> </tr> <tr> <td>6</td> <td>Being aware and taking of the social and ethical responsibilities</td> <td>✓</td> <td>The solutions proposed should abide with ethical standards and medical regulations. Students are expected to be aware of the social and ethical implications of their solutions</td> </tr> </tbody> </table>			No	EME Course Basic Objectives	✓	Explanation	1	Self-directed learning	✓	Students are expected to perform literature surveys, consult experts in understanding the pathophysiology of the disease, origins of the clinical problem and the state-of-art of technology in treating or diagnosing this problem	2	Collaboration and Productivity / Team work	✓	Students are expected to work in teams in creating their solutions and presenting their idea	3	Understanding and using the basic principles of evidence-based scientific approaches	✓		4	Expressing him/herself (oral and written)	✓	Students are expected to present their innovative solution as an oral presentation and a written report	5	Project development implementation and evaluation	✓	Students are expected to work in teams in creating their innovative solutions to a clinical problem. They will be informed about the processes that involve project development	6	Being aware and taking of the social and ethical responsibilities	✓	The solutions proposed should abide with ethical standards and medical regulations. Students are expected to be aware of the social and ethical implications of their solutions
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6.1. Minimum number of participants	1																														
6.2. Maximum number of participants	20																														
6.3. Year(s) and Semester(s) Offered (✓)	<table border="1"> <thead> <tr> <th>Years /Semesters</th> <th>Fall</th> <th>Spring</th> </tr> </thead> <tbody> <tr> <td>Fall</td> <td></td> <td></td> </tr> <tr> <td>Second</td> <td>✓</td> <td></td> </tr> <tr> <td>Third</td> <td>✓</td> <td></td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	Fall			Second	✓		Third	✓																	
Years /Semesters	Fall	Spring																													
Fall																															
Second	✓																														
Third	✓																														
7.1. Prerequisite of the course	None																														
8.1. Planned Product(s) of the course	Students are expected to present their work and submit a written report on their solution																														
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	Attendance, final presentation and report, course assessment																														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	History of medical Engineering, purpose of the course
2	Success Story: AStore Invited Speaker: Director of IT at ASG: Kemal Kaplan
3	What is Biodesign
4	Biodesign I: Needs Identification: Hospital Visit
5	Biodesign I: Needs Identification: Hospital Visit
6	Biodesign I: Needs Identification: Hospital Visit
7	Biodesign II: Innovation Workshop (principles innovation process)
8	Biodesign II: Innovation Workshop
9	Biodesign II: Innovation Workshop
10	Biodesign III: Implementation: Project management
11	Biodesign III: Implementation: Presentation Skills
12	Biodesign III: Implementation: Proposal Preparation
13	Mock Presentations and feedback
14	Mock Presentations and feedback

1.1. Elective Course Title	Computational Omics' Analysis																														
2.1. Name of course instructor (coordinator)	O. Uğur Sezerman <i>Ph.D.</i> <i>Prof. Department of Biostatistics and Medical Informatics</i>																														
2.2. Names of co-instructors																															
3.1. Brief course description	Aim of the course is to introduce 'omics' technologies including transcriptomics, next-generation sequencing, proteomics, metabolomics and epigenetics that are being used in diagnostics and personalized medicine. The course will cover different bioinformatics methods that are used in analysis of each type of 'omics' data. There will be a course project in which each group will be given real patient 'omics' data (Cancer, Multiple Sclerosis, Amyotrophic Lateral Sclerosis,) and will be asked to identify markers that can be used either for diagnostics and/or treatment.																														
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • Gain knowledge of 'omics' technologies. • Gain Knowledge on analysis methods. • Perform and evaluate real patient data analysis. • Improve their analytic and decision making skills for diagnostics and treatment. • Understand the principles of critical analysis of 'omics' data 																														
5.1. Supported EME Course Basic Objective (s)	<table border="1"> <thead> <tr> <th>No</th> <th>EME Course Basic Objectives</th> <th>✓</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Self-directed learning</td> <td>✓</td> <td>Attendances are expected to study and gain the essential knowledge about omics data analysis</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Attendances are expected to perform successful team work to perform and evaluate 'omics' data</td> </tr> <tr> <td>3</td> <td>Understanding and using the basic principles of evidence-based scientific approaches</td> <td>✓</td> <td>Attendances are expected to study statistical and machine learning based analysis methods</td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td>✓</td> <td>Attendances are expected to present their findings</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Attendances are expected to develop and perform Their report as a team work based project.</td> </tr> <tr> <td>6</td> <td>Being aware and taking of the social and ethical responsibilities</td> <td>✓</td> <td>Attendances are expected to be aware of their social ethical responsibilities when performing analysis of real patient data.</td> </tr> </tbody> </table>			No	EME Course Basic Objectives	✓	Explanation	1	Self-directed learning	✓	Attendances are expected to study and gain the essential knowledge about omics data analysis	2	Collaboration and Productivity / Team work	✓	Attendances are expected to perform successful team work to perform and evaluate 'omics' data	3	Understanding and using the basic principles of evidence-based scientific approaches	✓	Attendances are expected to study statistical and machine learning based analysis methods	4	Expressing him/herself (oral and written)	✓	Attendances are expected to present their findings	5	Project development implementation and evaluation	✓	Attendances are expected to develop and perform Their report as a team work based project.	6	Being aware and taking of the social and ethical responsibilities	✓	Attendances are expected to be aware of their social ethical responsibilities when performing analysis of real patient data.
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Fall																															
Second	X																														
Third	X																														
7.1. Prerequisite of the course	Basic Knowledge on Biostatistics, Bioinformatics																														
8.1. Planned Product(s) of the course	Attendances are expected to perform bioinformatics analysis on some omics data and report on it.																														
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	2 Midterms 20 pts each., 1 Final exam 40 pts., Term Project 20 pts.																														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture, course overview and Related Statistics concepts
2	Lecture: Transcriptomics and Data Analysis+ Comp. Lab. 1
3	Lecture: Transcriptomics and Data Analysis+ Comp. Lab. 2
4	Lecture: NGS and Data Analysis+ Comp. Lab.
5	Lecture: NGS and Data Analysis+ Comp. Lab.2
6	Lecture: Proteomics and Data Analysis+ Comp. Lab.1
7	Lecture: Proteomics and Data Analysis+ Comp. Lab.2
8	Lecture: Metabolomics and Data Analysis+ Comp. Lab.1
9	Lecture: Metabolomics and Data Analysis+ Comp. Lab.2
10	Lecture: Epigenetics and Data Analysis+ Comp. Lab.1
11	Lecture: Epigenetics and Data Analysis+ Comp. Lab.2
12	Group work on the term Project
13	Presentation of the term Projects
14	Discussion and Assessment of the term projects

1.1. Elective Course Title	Ophthalmic Biotechnology														
2.1. Name of course instructor (coordinator)	Ali Riza Cenk Celebi <i>M.D. FEBO FICO FICS FACS MRCSEd, Assoc. Prof. Department of Ophthalmology</i>														
2.2. Names of co-instructors															
3.1. Brief course description	The aim of the course is to introduce 'eye' with its basics, current approaches and future applications. It also aimed to provide the necessary knowledge about technologies used in medicine for diagnosis and treatment. To achieve this goal, the course gives information about the basic principles of the eye to new era technologies based on recent scientific basic science principles. It covers the anatomy and physiology of the eye and the recent biotechnology related to eye. Attendees will gain the opportunity to know how to perform basic science in a clinical specialty program.														
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> Gain knowledge of principles of the eye from basic to clinic in future ophthalmology <p><i>By the end of this course, the attendees will be able to:</i></p> <ul style="list-style-type: none"> Gain knowledge about the principles of eye anatomy, physiology prior to ophthalmology clerkship Understand how common ophthalmological problems are diagnosed and treated using biotechnology 														
5.1. Supported EME Course Basic Objective(s)	Please, mark the supported EME Course basic objective(s) and explain briefly.)														
	No	EME Course Basic Objectives	✓	Explanation											
	1	Self-directed learning	✓	Students are expected to study and gain the essential knowledge about ophthalmology and medical biotechnology											
	2	Collaboration and Productivity / Team work	✓	Students are expected to work in teams in creating their solutions and presenting their idea											
	3	Understanding and using the basic principles of evidence-based scientific approaches	✓	Understanding and using the basic principles of basic scientific, clinical and translational approaches											
	4	Expressing him/herself (oral and written)	✓	Attendees are expected to present their literature survey											
	5	Project development implementation and evaluation	✓	Attendees are expected to design a presentation regarding to latest research in the field of ophthalmology											
	6	Being aware and taking of the social and ethical responsibilities	✓	Attendees are expected to be aware of ethical issues regarding ophthalmology											
6.1. Minimum number of participants	4														
6.2. Maximum number of participants	15														
6.3. Year(s) and Semester(s) Offered (✓)	<table border="1"> <thead> <tr> <th>Years /Semesters</th> <th>Fall</th> <th>Spring</th> </tr> </thead> <tbody> <tr> <td>Fall</td> <td style="background-color: #003366;"></td> <td></td> </tr> <tr> <td>Second</td> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td>Third</td> <td style="text-align: center;">X</td> <td></td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	Fall			Second	X		Third	X	
Years /Semesters	Fall	Spring													
Fall															
Second	X														
Third	X														
7.1. Prerequisite of the course	None														
8.1. Planned Product(s) of the course (At the end of the course students should create a product as a research report, presentation, and so on.)	Students (alone or in a group) are expected to perform a literature survey on a specific topic and are expected to give a presentation and submit an article based on a selected topic related with the use of break-through technologies in ophthalmic biotechnology.														
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	Overall active participation 20 pts., Presentation 40 pts., Article submission/project proposal 40 pts.														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Registration / introduction
2	Registration / introduction
3	Anatomy and physiology of the eye; the clinician's perspective
4	Common ophthalmological problems that were treated using biotechnology
5	How to read and write in ophthalmology? Tips and tricks for your best scientific research
6	New generation contact lenses
7	Nano-ophthalmology
8	3D (bio)printing in ophthalmology
9	Special topic; corneal tissue engineering
10	Ocular drug delivery systems
11	Stem cells in ophthalmology
12	Ophthalmic imaging
13	Artificial intelligence / Virtual Reality and Augmented Reality applications in ophthalmology
14	Final (presentation and proposals)

1.1. Elective Course Title	Applied Statistics and Data Mining in Health Data		
2.1. Name of course instructor (coordinator)	Muhittin A. Serdar, <i>Prof. Medical Biochemistry</i>		
2.2. Names of co-instructors (if present)			
3.1. Brief course description:	Anonymized data sets in the Hospital Information System will be selected, cleaned, data mining and basic statistical studies will be done and usable scientific outputs will be obtained		
4.1. Course Objectives / Learning Outcomes:	<ol style="list-style-type: none"> 1. Demonstrate knowledge of the properties of parametric, and nonparametric testing procedures. 2. Demonstrate the ability to apply linear, nonlinear and generalized linear models. 3. Demonstrate knowledge of multivariate analysis 4. Demonstrate the ability to perform big data collection, cleaning and transformation into knowledge. 5. Demonstrate understanding of how to design experiments and surveys for efficiency. 6. Demonstrates establishing a research project, choosing the appropriate statistics and applying to the ethics committee. 7. Draws appropriate graphs and tables. 8. Uses software related to statistics and data mining. 		
5.1. Supported EME Course Basic Objective(s):	(Please, mark the supported EME Course basic objective(s) and explain briefly.)		
No	EME Course Basic Objectives	✓	Explanation
1	Self-directed learning	✓	Pursue learning materials outside of a particular course, such as the library or online tutorials, evidence-based resources, websites, software, or educational resources,
2	Collaboration and Productivity / Team work	✓	Performs group work in data collection, cleaning and transformation into knowledge
3	Understanding and using the basic principles of evidence-based scientific approaches	✓	Explains the evidence pyramid, finds its place in the evidence pyramid of any research, explains where to find the most appropriate source, and can make a critical approach to the source found.
4	Expressing him/herself (oral and written)	✓	Can write posters, articles or make oral presentations about the research.
5	Project development implementation and evaluation	✓	Establishes hypotheses about hospital data, prepares ethics committee report and project.
6	Being aware and taking of the social and ethical responsibilities	✓	It extracts the necessary data from big data, transforms it into knowledge and increases the health system outputs.
6.1. Minimum number of participants	2		
6.2. Maximum number of participants	5		
6.3. Year(s) and Semester(s) Offered (*)	Years /Semesters	Fall	Spring
	Fall		
	Second	X	
	Third	X	
7.1. Prerequisite of the course	MED 131		
8.1. Planned Product(s) of the course (At the end of the course students should create a product as a research report, presentation, and so on.)	Manuscript, Poster, Oral presentation in Congress		
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	Poster or Manuscript		

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Basic Statistics (Evidence Based Medicine, Data, Sampling distribution)
2	Basic Statistics (Correlation, Regression, Hypothesis testing)
3	Basic Statistics (Big data, Data Mining)
4	Statistics Software's (SPSS, STATA, SAS, NCSS, RapidMiner, Weka, R etc)
5	Hospital Information System and Laboratory Information Systems
6	Hypothesis, Data Selection, Ethics committee application
7	Hypothesis, Data Selection,
8	Data Selection, Data Cleaning
9	Data Cleaning
10	Data Mining Statistics
11	Data Mining Statistics
12	Presentation (Graphics, Tables)
13	Writing the Poster or Manuscript
14	Writing the Poster or Manuscript

<p>9.1. Assessment and evaluation plan of the course <i>(This plan will be announced in the form of the course description. Please make sure to include the product of the course as part of the assessment plan.)</i></p>	<p>Midterm (%40) Final presentations (%20) Final paper (%40)</p>
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10.1. Weekly Course Plan

(Please mention the weekly activities of your course and state whether if the activity requires instructor guidance, any team and/or student based activity. Also note that at most 30% of the course will be held without instructor guidance.)

Weeks	Definition of Activities
1	Introduction: Why does the history of epidemics and pandemics matter?
2	Historical diseases and their impact on societies I: Plague of Justinian and the Black Death
3	Historical diseases and their impact on societies II: Columbian Exchange, syphilis, smallpox and polio
4	Historical diseases and their impact on societies III: Wars, yellow fever, dysentery and typhus
5	The sanitary movement and germ theory: Cholera and its influence on our understanding of diseases
6	Epidemics and pandemics in the Ottoman Empire
7	New diseases, recurring fears: from AIDS to COVID-19
8	Midterm
9	Study for the papers
10	Study for the papers
11	Study for the papers
12	Study for the papers
13	Class presentations
14	Project presentations

1.1. Course Title	Fascinating History of Surgery: From Cavemen to Modern Surgeons			
2.1. Course coordinator	Tamer Turan, MD Cardiovascular Surgery Utkan Topçu, MD Neurosurgery			
2.2. Co-instructors				
3.1. Course description	The course will aim to provide a retrospective on the history of surgery starting from the very first civilizations all the way to our modern times. Throughout this course, heavy emphases on the evolution of surgical methods, differences between surgeons and physicians, and the birth of cardiovascular and neuro-surgical approaches will be made.			
4.1. Course Objectives / Learning Outcomes	Students who succeed in this course will be able to; I. Evaluate how the means of surgical approaches came to be. II. Comprehend the role of surgery and surgical means by getting accustomed to cardiovascular and neurosurgical methods. III. Visualize the paths through which modern surgical methods arose. IV. Understand and differentiate the roles of physicians and surgeons throughout different time periods. V. Emphasize the critical role of surgical approaches and surgeons throughout time.			
5.1. Supported EME Course Basic Objective (s) (Please, mark the supported EME Course basic objective(s) and explain briefly.)				
	No	EME Course Basic Objectives	✓	Explanation
	1	Self-directed learning		
	2	Collaboration and Productivity / Team work		
	3	Understanding and using the basic principles of evidence-based scientific approaches	✓	As the course entails history of science, students are expected and advised to employ proper scientific means.
	4	Expressing him/herself (oral and written)	✓	The course will be of an interactive nature, hence, the students will be expected to give out their opinions throughout class discussions.
	5	Project development implementation and evaluation		
	6	Being aware and taking of the social and ethical responsibilities	✓	The course will also include remarks on medical and surgical ethics which ought to make a lasting impression.
6.1. Minimum number of participants	1			
6.2. Maximum number of participants	20			
6.3. Year(s) and Semester(s) (Please, mark ✓)	Years /Semesters	Fall	Spring	
	Fall		✓	
	Second	✓	✓	
	Third	✓	✓	
7.1. Prerequisite of the course (Please write if there are any course prerequisites.)	The course has no pre-requisites.			
8.1. Planned Product(s) of the course (Students should create a product such as a research report, presentation and/or project. Please mention the product of this course here.)	This course entails no such assignments.			
9.1. Assessment and evaluation plan of the course (This plan will be announced in the form of the course description. Please make sure to include the product of the course as part of the assessment plan.)	The assessment of this course will be as follows: 1st Mid-Term Examination 30% 2nd Mid-Term Examination 30% Final Exam 40%			

10.1. WEEKLY COURSE PLAN

(Please mention the weekly activities of your course and state whether if the activity requires instructor guidance, any team and/or student based activity. Also note that at most 30% of the course will be held without instructor guidance.)

Weeks	Definition of Activities
1	Introductory Session: A General Overlook of the Course and the Syllabus (Tamer Turan)
2	Introductory Session: Overview of Neurosurgery History and Course Structure(Utkan Topçu)
3	Concepts of The Wound, Getting Wounded and Surgery Throughout History (Tamer Turan)
4	Brain Surgery in Ancient Times: Trepanation (Utkan Topçu)
5	Ancient Surgical Tools and Means of Wound Repair (Tamer Turan)
6	Brain Surgery in the Middle Ages and the Renaissance (Utkan Topçu)
7	Surgery and The Surgeon in Middle Ages (Tamer Turan)
8	Brain Surgery in the 18th and 19th Centuries: The Birth of Modern Surgery (Utkan Topçu)
9	Development of Modern Surgery (Tamer Turan)
10	Major Advances in Brain Surgery in the 20th Century (Utkan Topçu)
11	The Story of Cardiovascular Surgery (Tamer Turan)
12	Historical and Social Impacts of Neurosurgery (Utkan Topçu)
13	An Insight on the Future of Surgery (Tamer Turan)
14	The Future of Brain Surgery: Advancing Technologies (Utkan Topçu)

1.1. Course Title	Biotechnology Frontiers in Medicine		
2.1. Course coordinator	Prof. Günseli Bayram Akçapınar		
2.2. Co-instructors	-		
3.1. Course description	<p>“Biotechnology Frontiers in Medicine” is an elective course that provides a comprehensive overview of the evolution, current developments, and future directions in medical biotechnology. The course begins with a historical perspective on biotechnology, tracing its roots from early practices such as fermentation and plant breeding to the revolutionary advent of genetic engineering and recombinant DNA technology. It then focuses on how these foundational advancements have paved the way for cutting-edge innovations in healthcare.</p> <p>Students will explore key topics such as the development and application of recombinant proteins, genome editing technologies, protein therapeutics, and next-generation vaccines. The course also examines the regulatory frameworks, ethical considerations, and societal implications associated with these biotechnological innovations.</p> <p>By the end of the course, students will gain a comprehensive understanding of how biotechnology advances more effective treatments, enables personalized medicine, and drives innovative healthcare solutions.</p>		
4.1. Course Objectives / Learning Outcomes	<p><i>By the end of the course, students will be able to:</i></p> <ol style="list-style-type: none"> 1. Understand biotechnology's evolution: Describe the historical progression of biotechnology, from early traditional practices to contemporary techniques such as genetic engineering and recombinant DNA technology, and assess their significance in advancing medical science. 2. Explain key techniques: Demonstrate a comprehensive understanding of essential biotechnological tools and methods, including genetic engineering, genome editing technologies (e.g., CRISPR), recombinant protein production, and molecular diagnostics. 3. Evaluate biotechnological innovations: Analyze the development processes and clinical applications of biotechnological innovations such as recombinant proteins, protein therapeutics, gene therapies, and next-generation vaccines, and their roles in modern medical practice. 4. Analyze ethical and regulatory issues: Critically evaluate the regulatory frameworks, ethical considerations, and societal implications associated with advancements in biotechnology, and understand their impact on medical and public health policies. 5. Discuss future trends: Identify and discuss emerging trends and cutting-edge technologies in medical biotechnology, such as synthetic biology, nanotechnology, and bioinformatics, and consider their potential effects on the future of healthcare and medical treatment. 		
5.1. Supported EME Course Basic Objective(s)	(Please, mark the supported EME Course basic objective(s) and explain briefly.)		
No	EME Course Basic Objectives	✓	Explanation
1	Self-directed learning	✓	The course promotes self-directed learning by encouraging students to independently research and analyze recent advancements in medical biotechnology. This includes exploring scientific literature and participating in article discussions to deepen their understanding of emerging technologies and their practical applications.
2	Collaboration and productivity/Team work	✓	Through group discussions and collaborative case studies, students will enhance their skills in teamwork and problem-solving.
3	Understanding and using the basic principles of evidence-based scientific approaches	✓	In this course, students analyze scientific data, evaluate biotechnological innovations, and analyze how they impact medical practice using evidence-based approaches.
4	Expressing him/herself (oral and written)	✓	Students will develop and demonstrate their ability to clearly communicate complex biotechnological concepts through written project reports and oral presentations
5	Project development implementation and evaluation	✓	As part of research projects, students will engage in the development, implementation, and evaluation of biotechnological solutions and innovations, putting theoretical knowledge into practice.
6	Being aware and taking of the social and ethical responsibilities	✓	In this course, students are introduced to ethical considerations and societal implications of biotechnological advancements, leading to an awareness and responsibility regarding the broader effects of biotechnology developments on society and public health.
6.1. Minimum number of participants	1		
6.2. Maximum number of participants	20		

6.3. Year(s) and Semester(s) (Please, mark (✓))	Years /Semesters	Fall	Spring
	Fall		
	Second	X	
	Third	X	
7.1. Prerequisite of the course (Please write if there are any course prerequisites.)	Basic knowledge of biochemistry, molecular biology and genetics will be helpful.		
8.1. Planned Product(s) of the course (Students should create a product such as a research report, presentation and/or project. Please mention the product of this course here.)	Research Article-Group Presentation Project Proposal and Oral Presentation		
9.1. Assessment and evaluation plan of the course (This plan will be announced in the form of the course description. Please make sure to include the product of the course as part of the assessment plan.)	20 % Class Discussions and Participation 30 % Research Article-Group Presentation 50 % Project Proposal and Oral Presentation		

10.1. THE WEEKLY PLAN

(Please mention the weekly activities of your course and state whether if the activity requires instructor guidance, any team and/or student based activity. Also note that at most 30% of the course will be held without instructor guidance.)

Weeks	Definition of Activities
1	Overview of Biotechnology in Medicine: Historical development and impact of medical biotechnology.
2	Genetic Engineering and Recombinant DNA Technology: Principles and applications of genetic engineering and recombinant DNA technology.
3	Genome Editing Technologies: Overview of genome editing tools, with a focus on CRISPR-Cas9.
4	Recombinant Proteins and Protein Therapeutics-1: Production and application of recombinant proteins, including insulin and monoclonal antibodies with a focus on bacterial and yeast expression platforms.
5	Recombinant Proteins and Protein Therapeutics-2: Production and application of recombinant proteins, including insulin and monoclonal antibodies with a focus on mammalian expression platforms.
6	Foundations of Traditional Vaccine Technologies: Historical development and principles of traditional vaccine technologies, including live attenuated, inactivated, and subunit vaccines.
7	Next-Generation Vaccines: Development of next-generation vaccines, including recombinant mRNA and viral vector vaccines.
8	Article Discussion 1: Group and class discussion on selected articles related to recent biotechnological advancements.
9	Gene Therapy and Stem Cell Technologies: Principles and applications of gene therapy and stem cell technologies in regenerative medicine.
10	Ethical, Regulatory, and Societal Issues: Regulatory frameworks, ethical considerations, and societal impacts of biotechnological advancements.
11	Emerging Trends and Future Directions: Overview of emerging trends such as synthetic biology, nanobiotechnology, metabolic engineering and bioinformatics.
12	Article Discussion 2: Group and class discussion on selected articles related to recent biotechnological advancements.
13	Group Presentations
14	Group Presentations

1.1. Elective Course Title	Trending Topics in Biotechnology		
2.1. Name of course instructor (coordinator)	Sümeyye AKÇELİK DEVECİ <i>Ph.D.</i>		
2.2. Names of co-instructors (if present)	Sinem Öktem Okullu, <i>PhD, Assoc. Prof. Medical Microbiology</i>		
3.1. Brief course description	<p>Biotechnology, a prominent field in biology, involves the application of living organisms and bioprocesses across various industries, including engineering, technology, medicine, and bio-products. Given the future-oriented nature of biotechnology benefits, understanding emerging trends is essential for driving its development and advancement. This course will explore contemporary trends in biotechnology, discuss ongoing research, and delve into potential future directions. By closely monitoring the biotechnology field and investigating emerging trends, medical faculty students can gain valuable knowledge and career opportunities in biotechnology, enabling them to make significant contributions to the field.</p>		
4.1. Course Objectives / Learning Outcomes	<p>This course aims to provide an in-depth understanding of current topics in the field of biotechnology. It is designed to analyze recent research conducted both globally and within our country. By exploring these contemporary issues and reviewing cutting-edge studies, the course seeks to equip students with the knowledge needed to engage with and contribute to the rapidly evolving biotechnology landscape.</p>		
5.1. Supported EME Course Basic Objective(s)	Please, mark the supported EME Course basic objective(s) and explain briefly.)		
No	EME Course Basic Objectives	✓	Explanation
1	Self-directed learning	✓	
2	Collaboration and Productivity / Team work	✓	
3	Understanding and using the basic principles of evidence-based scientific approaches	✓	
4	Expressing him/herself (oral and written)	✓	
5	Project development implementation and evaluation	✓	
6	Being aware of and taking their social and ethical responsibilities	✓	
6.1. Minimum number of participants	68		
6.2. Maximum number of participants	12		
6.3. Year(s) and Semester(s) Offered (✓)	Years /Semesters	Fall	Spring
	Fall		
	Second		
	Third		
7.1. Prerequisite of the course	None		
8.1. Planned Product(s) of the course	<p>At the end of the course students should create a product as a research report, presentation, and so on.)</p> <p>Students are expected to make a presentation about the research article that will provide from the instructor.</p>		

9.1. THE WEEKLY PLAN2

Weeks	Activities
1	From DNA to Protein
2	Gene Editing technology
3	Precision Medicine
4	Microfluidics and Organoid Systems
5	Synthetic Biology
6	Artificial Inteligence in Biotechnology
7	Midterms
8	Students Presentations of research papers
9	Students Presentations of research papers
10	Students Presentations of research papers
11	Students Presentations of research papers
12	Students Presentations of research papers
13	Students Presentations of research papers
14	Students Presentations of research papers

10.1. Assessment (This plan will be announced in the form of the course description. Please make sure to include the product of the course as part of the assessment plan.)

20 % Class Discussions and Participation
 30 % Research Article-Group Presentation
 50 % Project Proposal and Oral Presentation

1.1. Course Title	Systems approach, dynamic modeling/simulation and health problems														
2.1. Course instructor (coordinator)	Yaman Barlas														
2.2. Co-instructors (if present)															
3.1. Course description:	This is a course on using systems approach and system dynamics methodology to model and analyze complex, dynamic problems. The course has three main goals: The first one is to discuss 'systems approach' to complex dynamic problems. The second objective is to learn System Dynamics, a simulation-based methodology to model and analyze systemic-dynamic problems. The third objective is to show examples of how the method can be used to address health/medical problems. A user-friendly modeling and simulation software (such as STELLA) will be used in the process.														
4.1. Course Objectives / Learning Outcomes:	<ul style="list-style-type: none"> -Learn the principles of systems approach to address complex dynamic problems -Learn the basics of system dynamics modeling methodology -Learn how the methodology can be used to tackle health and medical problems -Learn how to use a user-friendly modeling and simulation software 														
5.1. Supported EME Course Basic Objective(s) (Please, mark the supported EME Course basic objective(s) and explain briefly.)															
	No	EME Course Basic Objectives	√ Explanation												
	1	Self-directed learning	Readings, homework assignments, literature review, term projects on topics												
	2	Collaboration and Productivity / Team work	Term projects carried out in teams												
	3	Understanding and using the basic principles of evidence-based scientific approaches	Emphasized in the steps of system dynamics methodology												
	4	Expressing him/herself (oral and written)	Project presentations and written reports												
	5	Project development implementation and evaluation	Terms projects												
	6	Being aware and taking of the social and ethical responsibilities	The nature of systems approach and system dynamics methodology being beyond narrow disciplinary boundaries												
6.1. Minimum number of participants	3														
6.2. Maximum number of participants	25														
6.3. Year(s) and Semester(s) Offered (√)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #f4a460;"> <th>Years /Semesters</th> <th>Fall</th> <th>Spring</th> </tr> </thead> <tbody> <tr> <td>First</td> <td style="background-color: #003366; color: white;"></td> <td></td> </tr> <tr> <td>Second</td> <td></td> <td></td> </tr> <tr> <td>Third</td> <td></td> <td></td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	First			Second			Third		
Years /Semesters	Fall	Spring													
First															
Second															
Third															
7.1. Prerequisite of the course (Please write if there are any course prerequisites.)	None														
8.1. Planned Product(s) of the course (Students should create a product such as a research report, presentation and/or project. Please mention the product of this course here.)	HW assignments and term project presentations and written reports														
9.1. Assessment and evaluation plan of the course (This plan will be announced in the form of the course description. Please make sure to include the product of the course as part of the assessment plan.)	Course participation, homework assignments, midterm and final exams, term project														

10.1. WEEKLY COURSE PLAN

(Please mention the weekly activities of your course and state whether if the activity requires instructor guidance, any team and/or student based activity. Also note that at most 30% of the course will be held without instructor guidance.)

Weeks	Definition of Activities
1	Course organization, Introduction and overview
2	Systems approach, dynamic problems, models and modeling
3	System dynamics modeling principles and methodology
4	Dynamic modeling concepts and tools: Stock and Flow variables
5	Basic stock-flow dynamics
6	Causality and feedback causality
7	Introduction to simulation and software
8	Dynamics of compounding (+) feedback loops: growth/unstable processes
9	Dynamics of balancing (-) feedback loops: goal-seeking & homeostasis
10	Coupling of compounding and balancing loops
11	Role of time delays in systems
12	Oscillatory dynamics
13	Non-linear structures and equations
14	S-shaped and 'overshoot' dynamics

1.1. Elective Course Title	Public Speaking																														
2.1. Name of course instructor (coordinator)	Levent Altıntaş, <i>M.D. Ph.D.</i> <i>Assoc. Prof. Department of Medical Education</i>																														
2.2. Names of co-instructors	Melike Şahiner, <i>M.D.</i> <i>Assoc. Prof. Department of Medical Education</i>																														
3.1. Brief course description	The aim of this course is to introduce the basic principles of effective speech making. The course will be performed as a student centered active small group activities. During the training period attendees will have the opportunities of working together in small groups to create, perform and evaluate their speeches.																														
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • Gain knowledge of historical and cultural background of speech making. • Design, perform and evaluate an effective speech. • Understand the nature and how to handle the speech anxiety problem. • Improve their speech making skills and, perform an effective speech. • Understand the principles of critical analysis and standards of speech criticism 																														
5.1. Supported EME Course Basic Objective(s)	<table border="1"> <thead> <tr> <th>No</th> <th>EME Course Basic Objectives</th> <th>✓</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Self-directed learning</td> <td>✓</td> <td>Attendees are expected to study and gain the essential knowledge about effective speech making.</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Attendees are expected to perform successful team work to create, perform and evaluate the effective speeches.</td> </tr> <tr> <td>3</td> <td>Understanding and using the basic principles of evidence-based scientific approaches</td> <td>✓</td> <td></td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td>✓</td> <td>Attendees are expected to perform their speeches.</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Attendees are expected to develop and perform their speeches as a team work based project.</td> </tr> <tr> <td>6</td> <td>Being aware and taking of the social and ethical responsibilities</td> <td>✓</td> <td>Attendees are expected to be aware of their social ethical responsibilities when developing and performing their speech.</td> </tr> </tbody> </table>			No	EME Course Basic Objectives	✓	Explanation	1	Self-directed learning	✓	Attendees are expected to study and gain the essential knowledge about effective speech making.	2	Collaboration and Productivity / Team work	✓	Attendees are expected to perform successful team work to create, perform and evaluate the effective speeches.	3	Understanding and using the basic principles of evidence-based scientific approaches	✓		4	Expressing him/herself (oral and written)	✓	Attendees are expected to perform their speeches.	5	Project development implementation and evaluation	✓	Attendees are expected to develop and perform their speeches as a team work based project.	6	Being aware and taking of the social and ethical responsibilities	✓	Attendees are expected to be aware of their social ethical responsibilities when developing and performing their speech.
No	EME Course Basic Objectives	✓	Explanation																												
1	Self-directed learning	✓	Attendees are expected to study and gain the essential knowledge about effective speech making.																												
2	Collaboration and Productivity / Team work	✓	Attendees are expected to perform successful team work to create, perform and evaluate the effective speeches.																												
3	Understanding and using the basic principles of evidence-based scientific approaches	✓																													
4	Expressing him/herself (oral and written)	✓	Attendees are expected to perform their speeches.																												
5	Project development implementation and evaluation	✓	Attendees are expected to develop and perform their speeches as a team work based project.																												
6	Being aware and taking of the social and ethical responsibilities	✓	Attendees are expected to be aware of their social ethical responsibilities when developing and performing their speech.																												
6.1. Minimum number of participants	6																														
6.2. Maximum number of participants	12																														
6.3. Year(s) and Semester(s) Offered (Please, mark ✓)	<table border="1"> <thead> <tr> <th>Years /Semesters</th> <th>Fall</th> <th>Spring</th> </tr> </thead> <tbody> <tr> <td>First</td> <td></td> <td>✓</td> </tr> <tr> <td>Second</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Third</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	First		✓	Second	✓	✓	Third	✓	✓																
Years /Semesters	Fall	Spring																													
First		✓																													
Second	✓	✓																													
Third	✓	✓																													
7.1. Prerequisite of the course	None																														
8.1. Planned Product(s) of the course	Participants will create and perform some effective speech activity and report on it.																														
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	Overall active attendance 20 pts. Quiz (Basic principles of speech making) 20 pts. Individual and team speech performance 30 pts. Group study and speech criticism performance 30 pts.																														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture, course overview
2	Discussion: Fundamentals of Speech making Historical and Cultural back ground of speechmaking What are the resources for better speech and how to use them.
3	Self-Study Basic Principles of Speechmaking Main principles of speech making Identifying the general purpose of speech and applying to the topic and situations Investigating the subject and audience analysis Developing speech materials.
4	Discussion and assessment (Basic principles of speech making)
5	Defining speech projects and project teams; introduction to team work activities
6	Group Study: Creating speech projects
7	Group Study: Creating speech projects.
8	Discussion and assessment of the group study period
9	Discussion: Evaluating a speech making Principles of critical speech analysis Standards of speech criticism.
10	Performing the speeches 1
11	Performing the speeches 2
12	Performing the speeches 3
13	Discussion and assessment of the performing period
14	Discussion and evaluation of the training

1.1. Elective Course Title	Regenerative Medicine																														
2.1. Name of course instructor (coordinator)	Deniz Yücel, <i>Asst. Prof. Histology and Embryology</i>																														
2.2. Names of co-instructors (if present)																															
3.1. Brief course description:	The aim of the course is to introduce the basic principles of regenerative medicine, stem cells and tissue engineering and to discuss ethical and regulatory issues in regenerative medicine. Attendees will have the opportunities of working together in small groups to do literature survey, design and write a research project proposal and present their team work activity.																														
4.1. Course Objectives / Learning Outcomes:	<ul style="list-style-type: none"> • Gain knowledge of principles of regenerative medicine, stem cells and tissue engineering • Design, write and present a research project proposal. • Perform a project based team work activity. 																														
5.1. Supported EME Course Basic Objective(s)	<table border="1"> <thead> <tr> <th>No</th> <th>EME Course Basic Objectives</th> <th>✓</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Self-directed learning</td> <td>✓</td> <td>Students are expected to study and gain the essential knowledge about regenerative medicine, tissue engineering and stem cells.</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Attendees are expected to perform successful team work to do literature search and to design a research project proposal and present it.</td> </tr> <tr> <td>3</td> <td>Understanding and using the basic principles of evidence-based scientific approaches</td> <td>✓</td> <td>Understanding and using the basic principles of basic scientific, clinical translational approaches</td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td>✓</td> <td>Attendees are expected to present their literature survey and their research project proposal</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Attendees are expected to design a project and write a proposal.</td> </tr> <tr> <td>6</td> <td>Being aware of and taking their social and ethical responsibilities</td> <td>✓</td> <td>Attendees are expected to be aware of ethical issues regarding regenerative medicine.</td> </tr> </tbody> </table>			No	EME Course Basic Objectives	✓	Explanation	1	Self-directed learning	✓	Students are expected to study and gain the essential knowledge about regenerative medicine, tissue engineering and stem cells.	2	Collaboration and Productivity / Team work	✓	Attendees are expected to perform successful team work to do literature search and to design a research project proposal and present it.	3	Understanding and using the basic principles of evidence-based scientific approaches	✓	Understanding and using the basic principles of basic scientific, clinical translational approaches	4	Expressing him/herself (oral and written)	✓	Attendees are expected to present their literature survey and their research project proposal	5	Project development implementation and evaluation	✓	Attendees are expected to design a project and write a proposal.	6	Being aware of and taking their social and ethical responsibilities	✓	Attendees are expected to be aware of ethical issues regarding regenerative medicine.
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6.1. Minimum number of participants	Four (4)																														
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First		✓																													
Second		✓																													
Third		✓																													
7.1. Prerequisite of the Course	None																														
8.1. Planned Product(s) of the Course (At the end of the course students should create a product as a research report, presentation, and so on.)	Students are expected to perform a literature survey on a specific topic, write a report on it, design a follow-up research project, and present their study.																														
9.1. Assessment and Evaluation Plan (At the end of the course students should create a product as a research report, presentation, and so on.)	Overall active attendance 10 pts. Midterm exam (Basics of regenerative medicine) 30 pts. Individual and team presentation 30 pts. Individual and team reports 30 pts.																														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture, course overview
2	Lecture : Principles of regenerative medicine
3	Lecture : Stem cells used in regenerative medicine
4	Lecture : Biomaterials used in regenerative medicine
5	Lecture : Tissue engineering approaches in regenerative medicine
6	Lecture : Ethical issues in regenerative medicine
7	Midterm Examination
8	Implementing skills for literature survey and project proposal writing, and creating project teams
9	Performing the literature survey and research project proposal
10	Performing the literature survey and research project proposal
11	Performing the literature survey and research project proposal 1
12	Performing the literature survey and research project proposal 2
13	Performing the literature survey and research project proposal 3
14	Performing the literature survey and research project proposal 4

1.1. Elective Course Title	Pathogens, Epidemics & Society																														
2.1. Name of course instructor (coordinator)	Yeşim YASİN, <i>Assoc. Prof.</i>																														
2.2. Names of co-instructors (if present)	Osman ELBEK, <i>Assoc. Prof.</i>																														
3.1. Brief course description:	this course is to explore the evolving impact of infectious diseases that lead to epidemics in the medical field considering their historical context. Furthermore, it seeks to envision the medical landscape in a post-COVID-19 pandemic world																														
4.1. Course Objectives / Learning Outcomes:	<p>a) To gain knowledge of major infectious disease epidemics throughout history.</p> <p>b) To examine the biological and socioeconomic determinants contributing to significant pandemics.</p> <p>c) To comprehend the alterations in medicine and medical practices resulting from epidemics.</p> <p>d) To analyze the societal impacts of major crises, such as pandemics, with a focus on vulnerable groups.</p> <p>e) To explore the qualitative changes induced by the COVID-19 pandemic within the realm of medicine and medical practice.</p> <p>f) To foster appropriate attitudes among medical school students for navigating the evolving medical landscape.</p>																														
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3	Understanding and using the basic principles of evidence-based scientific approaches	-	-																												
4	Expressing him/herself (oral and written)	✓	With the reports and presentations to be prepared by the students at the end of the semester																												
5	Project development implementation and evaluation	-	-																												
6	Being aware of and taking their social and ethical responsibilities	✓	Through the holistic approach of the course																												
6.1. Minimum number of participants	10																														
6.2. Maximum number of participants	16																														
6.3. Year(s) and Semester(s) Offered ((Please, mark ✓))	<table border="1"> <thead> <tr> <th>Years /Semesters</th> <th>Fall</th> <th>Spring</th> </tr> </thead> <tbody> <tr> <td>First</td> <td></td> <td>✓</td> </tr> <tr> <td>Second</td> <td></td> <td>✓</td> </tr> <tr> <td>Third</td> <td></td> <td>✓</td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	First		✓	Second		✓	Third		✓																
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First		✓																													
Second		✓																													
Third		✓																													
7.1. Prerequisite of the Course (Please write if there are any course prerequisites.)	<p>a) Being a second or third-year medical student</p> <p>b) Having an interest in extensive reading/research and recognizing the value of discussion environments in learning.</p>																														
8.1. Planned Product(s) of the Course (Students should create a product such as a research report, presentation and/or project. Please mention the product of this course here.)	<p>a) The end-of-semester report titled 'Medical Environment of the Future and Medicine,' prepared by students.</p> <p>b) End-of-semester student presentations</p>																														
9.1. Assessment and evaluation plan of the course (This plan will be announced in the form of the course description. Please make sure to include the product of the course as part of the assessment plan.)	<p>a) Evaluating the reports on 'Medicine and the Medical Environment in the Future' prepared by students.</p> <p>b) Evaluating student presentations at the end of the semester.</p> <p>c) Evaluating the end-of-semester oral exams for students.</p>																														

10.1. THE WEEKLY PLAN

(Please mention the weekly activities of your course and state whether the activity requires instructor guidance, or any team and/or student-based activity. Also, note that at most 30% of the course will be held without instructor guidance.)

Weeks	Activities
1	Introduction to the Course and Discussion of Learning Objectives Health with Its 'Secrets' Spilled The Latest Epidemic
2	What COVID-19 Has Changed in the World of Science? The Legacy of COVID-19: mRNA Vaccines
3	Türkiye's Struggle Against Infectious Diseases: From Past to Present COVID-19 Challenge in Türkiye
4	Medicine and Being a Physician
5	Transmission, Control Efforts, and Medicine Medicine's Scapegoats and Discrimination
6	Infodemic as a Public Health Problem
7	Risk Medicine, Language, Religion, and Trade
8	Student Presentations: Takeaways from the Course
9	A COVID-19 Patient's Testimony COVID-19 and Grief Process
10	The Age of Epidemics: Climate Crisis and Ecological Destruction
11	Politics of Authoritarianism Surveillance during COVID-19
12	COVID-19 and Telemedicine Medicine and the Medical Environment in the Future
13	Oral Exam
14	Student Presentations: Reflections on the Course

1.1. Elective Course Title	Myths about Medicinal Plants														
2.1. Name of course instructor (coordinator)	Melike Şahiner, <i>M.D.</i> <i>Assoc. Prof. Department of Medical Education</i>														
2.2. Names of co-instructors (if present)	Levent Altıntaş, <i>M.D. Ph.D.</i> <i>Assoc. Prof. Department of Medical Education</i>														
3.1. Brief course description:	The aim of the course is to gain knowledge about the medicinal plant. The course will be performed as a student centered active small group activities. During the training period attendees will have the opportunities of working together in small groups for to gather knowledge about medicinal plants and their usage.														
4.1. Course Objectives / Learning Outcomes:	<ul style="list-style-type: none"> • Gain knowledge about fundamentals of medicinal plants • Discuss herbal and complementary medicine 														
5.1. Supported EME Course Basic Objective(s)	(Please, mark the supported EME Course basic objective(s) and explain briefly.)														
	No	EME Course Basic Objectives	✓	Explanation											
	1	Self-directed learning	✓	Students are expected to study and gain the essential knowledge about learning and teaching.											
	2	Collaboration and Productivity / Team work	✓	Attendees are expected to perform successful team work to create, implement and evaluate a training program.											
	3	Understanding and using the basic principles of evidence-based scientific approaches													
	4	Expressing him/herself (oral and written)	✓	Attendees are expected to present their sample training program and report the effectiveness.											
	5	Project development implementation and evaluation	✓	Attendees are expected to perform their training activity by team work based projects.											
	6	Being aware of and taking their social and ethical responsibilities													
6.1. Minimum number of participants	4														
6.2. Maximum number of participants	12 (4 students from each year)														
6.3. Year(s) and Semester(s) Offered (✓)	<table border="1"> <thead> <tr> <th>Years /Semesters</th> <th>Fall</th> <th>Spring</th> </tr> </thead> <tbody> <tr> <td>First</td> <td></td> <td>✓</td> </tr> <tr> <td>Second</td> <td></td> <td>✓</td> </tr> <tr> <td>Third</td> <td></td> <td>✓</td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	First		✓	Second		✓	Third		✓
Years /Semesters	Fall	Spring													
First		✓													
Second		✓													
Third		✓													
7.1. Prerequisite of the course	None														
8.1. Planned Product(s) of the course	Students are expected to implement a presentation about the usage of medicinal plants														
9.1. Assessment and evaluation plan	Overall active attendance 40 pts. Team brief reports 20 pts. Team Presentations 40 pts														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture, course overview
2	Discussion: Fundamentals of Medicinal Plants
3	Discussion: Fundamentals of Medicinal Plants
4	Discussion: Fundamentals of Medicinal Plants
5	Self-Study: gathering deep knowledge about the selected herb, visiting a center of herbal plant nursery and preparing a presentation
6	Self-Study: gathering deep knowledge about the selected herb, visiting a center of herbal plant nursery and preparing a presentation
7	Self-Study: gathering deep knowledge about the selected herb, visiting a center of herbal plant nursery and preparing a presentation
8	Group Presentation
9	Group Presentation
10	Group Presentation
11	Group Presentation
12	Group Presentation
13	Discussion: What did we learn?
14	Evaluation

1.1. Elective Course Title	Oral History in Medicine		
2.1. Name of course instructor (coordinator)	Fatih Artvinli <i>Ph.D. Assoc. Prof. History of Medicine and Ethics Department</i>		
2.2. Names of co-instructors			
3.1. Brief course description	The aim of this course is to introduce oral history methodology and using it in medical field. At the end of the course students will present their own oral history projects which would be depend on interviews with retired medical professionals.		
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • Gain knowledge of oral history and its methodology • Implement oral history techniques during interviews with medical professionals • Perform and evaluate a project based team work activity. 		
5.1. Supported EME Course Basic Objective(s)	(Please, mark the supported EME Course basic objective(s) and explain briefly.)		
	No	EME Course Basic Objectives	✓ Explanation
	1	Self-directed learning	✓ Students are expected to gain the essential knowledge about oral history.
	2	Collaboration and Productivity / Team work	Attendees are expected to work together and implement their oral history project as a team.
	3	Understanding and using the basic principles of evidence-based scientific approaches	✓ Students will be familiar with the importance of evidence based approach in history studies.
	4	Expressing him/herself (oral and written)	✓ Attendees are expected to present their oral history projects and write an essay about it.
	5	Project development implementation and evaluation	✓ Attendees are expected to implement their own projects.
	6	Being aware and taking of the social and ethical responsibilities	✓ Attendees are expected to gain knowledge about the ethical dimension of their projects.
6.1. Minimum number of participants	4		
6.2. Maximum number of participants	15		
6.3. Year(s) and Semester(s) Offered (Please, mark ✓)	Years /Semesters	Fall	Spring
	First		✓
	Second		✓
	Third		✓
7.1. Prerequisite of the course	None		
8.1. Planned Product(s) of the course (At the end of the course students should create a product as a research report, presentation, and so on.)	Students are expected to implement an oral history project and write an essay about it.		

9.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture, course overview
2	Oral History in Medicine: How do we use it?
3	Oral History in Practice: Problems and Solutions
4	Social, Cultural and Ethical Dimension of Oral History Projects
5	Proposals and discussions about the project proposals
6	Self-Study: Preparation for interview
7	Self-Study: Doing interview
8	Self-Study: Doing interview
9	Self-Study: Preparation for presentation
10	Presentation of oral history interviews
11	Presentation of oral history interviews
12	Presentation of oral history interviews
13	Presentation of oral history interviews
14	Discussion and evaluation of the course
<p>10.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)</p>	
<p>Overall active attendance 20 pts. Presentation of oral history interviews 40 pts. Essay 40 pts.</p>	

1.1. Elective Course Title	Medical Technologies			
2.1. Name of course instructor (coordinator)	Ata Akin, <i>Prof.</i> , Department of Medical Engineering			
2.2. Names of co-instructors (if present)				
3.1. Brief course description:	This is a course designed to introduce the basic concepts of biomedical technologies currently in use in hospitals and healthcare facilities. The topics include a systems approach to biomedical instrumentation, medical imaging systems (X-Ray, computed tomography, magnetic resonance imaging, ultrasound and PET imaging), rehabilitation engineering and clinical engineering. The course will end with a discussion on the ethics of the use of biomedical technologies.			
4.1. Course Objectives / Learning Outcomes:	<ul style="list-style-type: none"> • Acquire basic knowledge on biomedical instruments, in vitro diagnostic systems • Acquire an appreciation on the complexity of human anatomy and physiology • Develop an understanding of the issues concerning medical imaging modalities • Acquire knowledge on the principles and tools of Technologies currently in use in healthcare delivery systems • Prepare a Project on an innovative medical technology 			
5.1. Supported EME Course Basic Objective(s)				
	No	EME Course Basic Objectives	✓	Explanation
	1	Self-directed learning	✓	Students are expected to perform literature surveys, consult experts in understanding the pathophysiology of the disease, origins of the clinical problem and the state-of-art of technology in treating or diagnosing this problem
	2	Collaboration and Productivity / Team work	✓	Students are expected to work in teams in creating their solutions and presenting their idea
	3	Understanding and using the basic principles of evidence-based scientific approaches		
	4	Expressing him/herself (oral and written)	✓	Students are expected to present their innovative solution as an oral presentation and a written report
	5	Project development implementation and evaluation	✓	Students are expected to work in teams in creating their innovative solutions to a clinical problem. They will be informed about the processes that involve project development
	6	Being aware of and taking their social and ethical responsibilities	✓	The solutions proposed should abide with ethical standards and medical regulations. Students are expected to be aware of the social and ethical implications of their solutions
6.1. Minimum number of participants	8			
6.2. Maximum number of participants	20			
6.3. Year(s) and Semester(s) Offered ((Please, mark ✓)	Years /Semesters	Fall	Spring	
	First		✓	
	Second		✓	
	Third		✓	
7.1. Prerequisite of the course	None			
8.1. Planned Product(s) of the course	Students are expected to present their work and submit a written report on their solution			
9.1. Assessment and evaluation plan	Attendance, midterm and final exams, assignments, final presentation and report, course assessment			

9.1. THE WEEKLY PLAN

Weeks	Activities
1	Medical Instrumentation: definitions and classification
2	Medical Instrumentation: generalized block diagram of systems
3	Medical Sensors: electrical and physical activity sensors
4	Medical Sensors: chemical activity sensors, biosensors
5	Medical Instrumentation: ECG, EEG, EMG
6	Medical Instrumentation: In Vitro Diagnostic & Characterization Systems
7	Midterm Exam
8	Medical Imaging Technologies: quality issues, X-Ray Imaging
9	Medical Imaging Technologies: Radiation Imaging, endoscopy
10	Medical Imaging Technologies: magnetic resonance imaging
11	Medical Imaging Technologies: Ultrasound
12	Biomaterials
13	Rehabilitation Engineering
14	Medical ethics/Project Presentations

1.1. Elective Course Title	Artificial Intelligence Applications in Ophthalmology																														
2.1. Name of course instructor (coordinator)	Ali Riza Cenk Celebi, <i>M. D. Assoc. Prof.</i>																														
2.2. Names of co-instructors (if present)																															
3.1. Brief course description:	In this course students are expected to present a project in groups of 2-3 members; students were asked to select a health dataset from Kaggle, train it in the Google cloud platform, and use this model to predict on new data. They were then asked to share their work, how they trained the datasets and models.																														
4.1. Course Objectives / Learning Outcomes:	Gain knowledge of basic principles of artificial intelligence with its applications used in ophthalmology Design, prepare and present a hands-on research project with the use of Google Cloud Platform and Kaggle Datasets. Students are expected to perform a team-work based activity																														
5.1. Supported EME Course Basic Objective(s)	<table border="1"> <thead> <tr> <th>No</th> <th>EME Course Basic Objectives</th> <th>✓</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Self-directed learning</td> <td>✓</td> <td>Students can able to learn how to search in databases</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Student have a chance to build up their project in a team work manner</td> </tr> <tr> <td>3</td> <td>Understanding and using the basic principles of evidence-based scientific approaches</td> <td></td> <td>Students can able to understand how to represent data in a scientific way</td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td>✓</td> <td>Students are expected to present their team work</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Students can able to develop and evaluate their project during the course</td> </tr> <tr> <td>6</td> <td>Being aware of and taking their social and ethical responsibilities</td> <td></td> <td></td> </tr> </tbody> </table>			No	EME Course Basic Objectives	✓	Explanation	1	Self-directed learning	✓	Students can able to learn how to search in databases	2	Collaboration and Productivity / Team work	✓	Student have a chance to build up their project in a team work manner	3	Understanding and using the basic principles of evidence-based scientific approaches		Students can able to understand how to represent data in a scientific way	4	Expressing him/herself (oral and written)	✓	Students are expected to present their team work	5	Project development implementation and evaluation	✓	Students can able to develop and evaluate their project during the course	6	Being aware of and taking their social and ethical responsibilities		
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5	Project development implementation and evaluation	✓	Students can able to develop and evaluate their project during the course																												
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First		✓																													
Second		✓																													
Third		✓																													
7.1. Prerequisite of the course	Basic Knowledge of Computer Literacy and Programming with an Interest towards the Concept of Artificial Intelligence and Have an Ability of Computer Use. Student's must have their own laptop's and PC's																														
8.1. Planned Product(s) of the course	At the end of the course team members are expected to present their project																														
9.1. Assessment and evaluation plan	This course is assessed with the end product of research presentation. This presentation was evaluated with 80% of the total grade, the remaining of the grade was assessed with overall attendance																														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Course Description and Expectations From Students (Introduction of the course)
2	Basic Anatomical Structures of Eye
3	Importance of Ophthalmic Imaging and Types of Imaging Sources
4	Artificial Intelligence Applications in Ophthalmology
5	Basics of Google Cloud Platform
6	Basics of Kaggle Datasets
7	Presentation of a Sample Project
8	Project / Team Work Discussion
9	Project / Team Work Discussion
10	Project / Team Work Discussion
11	Project / Team Work Discussion
12	Project / Team Work Discussion
13	Student's Presentation 1
14	Student's Presentation 2

1.1. Elective Course Title	Bioethics and Movies			
2.1. Name of course instructor (coordinator)	Yeşim Işıl Ulman, <i>Ph.D. Prof.</i> <i>Department of the History of Medicine and Ethics</i>			
2.2. Names of co-instructors (if present)				
3.1. Brief course description	<p>This course aims to enhance ethical reasoning skills through movies Robots, farm animals, human clones, disabled individuals, and genetically ideal persons star in a collection of movie screenplays that may attract attention to university students more highly than a classical teaching method. This is an innovative way in teaching ethics and to raise ethical sensitivity through this tool.</p> <p>Movies are useful medium to narrate ethical issues in science and medicine, and to detect main issues of bioethics in a narrative backdrop. As put by Miksanek, "Films can provide vivid and emotionally engaging illustrations of philosophical issues" that may serve the students to raise awareness to detect the ethical dilemma in a particular situation or case and to develop ethical reasoning skills through the plot analysis.</p> <p>Some of the examples to these movies are as follows: I, Robot; Soylent Green; Wit; Talk to Her, The Sea Inside, and My Life Without Me; Ikiru by director Akira Kurosawa; Gattaca; Million Dollar Baby and so on.</p> <p>Suggested Reading:</p> <ul style="list-style-type: none"> • Jan Helge Solbakk, Movements and Movies in Bioethics: The Use of Theatre and Cinema in Teaching Bioethics, In: Bioethics Education in a Global Perspective, edited by Henk ten Have, 2015: 203-221. • James Bowman, Bioethics at the Movies, JSTOR; Centre for the Study of Technology and Society, 2005, 8: 93-100. • Silviya Aleksandrova-Yankulovska, an innovative approach to teaching bioethics in management of healthcare, Nursing Ethics, 2016, 23(2): 167-175. • Tony Miksanek, Bioethics at the Movies. JAMA. 2009;301(11):1180-1181. doi:10.1001/jama.2009.329 			
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • To utilize self-directed learning hour by turning the movie watching into an enjoyable educative practice • To detect an ethical dilemma at a given case, namely the film scenario. • To develop ethical reasoning skills by handling the plot for class discussion • To learn from others both by working in couples before the class and by initiating class discussion. • To raise awareness about the different perspectives and viewpoints of peers in the Class and with her/his mate. • To develop critical thinking and bioethical insight. 			
5.1. Supported EME Course Basic Objective(s)				
	No	EME Course Basic Objectives	✓	Explanation
	1	Self-directed learning	✓	Students will be able to benefit leisure to watch movies autonomously picked from a particular list of movies.
	2	Collaboration and Productivity / Team work	✓	Students will work as couples at every phase of the course, watching, discussing, deliberating, reasoning and preparing a class presentation.
	3	Understanding and using the basic principles of evidence-based scientific approaches	✓	Students will be provided with a methodology of ethical analysis to carry out handling with the film narrative.
	4	Expressing him/herself (oral and written)	✓	Students will have the opportunity to present & discuss their work in the Class, and write a report about it.
	5	Project development implementation and evaluation	✓	Students will be able to and enjoy how daily life conflicts harbor ethical dilemmas be means of a movie screenplay.
	6	Being aware and taking of the social and ethical responsibilities	✓	Students will be able to develop a moral and social insight into the dilemmas, carry this skill on real world conflicts and develop an ethical approach to resolve them.
6.1. Minimum number of participants	Eight (8)			
6.2. Maximum number of participants	Ten (10)			

6.3. Year(s) and Semester(s) Offered (Please, mark ✓)	Years /Semesters	Fall	Spring
	First		✓
	Second		✓
	Third		✓
7.1. Prerequisite of the course	Second and Third Year Students		
8.1. Planned Product(s) of the course	At the end of the course students should have skilled in detecting an ethical dilemma at a specific situation i.e. in a film scenario, and in navigating an ethical analysis.		
9.1. Assessment and evaluation plan	Class presentation and short report conducted by clearly written task assignment.		

10.1. THE WEEKLY PLAN (2020-2021 Spring, Online, Virtual Class)	
Weeks	Activities
1	Short presentation of introduction and Aims,
2	Students are encouraged to determine the content and dynamic of by brainstorming, freedom to choose
3	
4	Grup 1 Class Presentation and Discussion
5	
6	Grup 2 Class Presentation and Discussion
7	
8	Grup 3 Class Presentation and Discussion
9	
10	Grup 4 Class Presentation and Discussion
11	
12	Grup 5 Class Presentation and Discussion (Optional if the Class is composed of 8 people)
13	
14	Wrap up, Feedback and concluding remarks (Paper submission deadline)

1.1. Elective Course Title	Anatomical Dissection		
2.1. Name of course instructor (coordinator)	Mustafa Aktekin		
2.2. Names of co-instructors (if present)	-		
3.1. Course description:	This course enables the medical students to improve their anatomical knowledge through hands- on dissection sessions. It also provides the opportunity to increase collaboration and presentation skills.		
4.1. Course Objectives / Learning Outcomes:	<p>Students will</p> <ul style="list-style-type: none"> Nourish theoretical anatomical knowledge with dissections, Explore the intricacies of human anatomy, Enhance their teamwork abilities, Improve in terms of ethical values regarding working with cadavers. 		
5.1. Supported EME Course Basic Objective(s)	(Please, mark the supported EME Course basic objective(s) and explain briefly.)		
	No	EME Course Basic Objectives	✓ Explanation
	1	Self-directed learning	✓ Students will take initiative for learning how to dissect
	2	Collaboration and Productivity / Team work	✓ The course will improve their collaborative potential
	3	Understanding and using the basic principles of evidence-based scientific approaches	-
	4	Expressing him/herself (oral and written)	✓ Presentations about their dissections will enhance their potential
	5	Project development implementation and evaluation	-
	6	Being aware of and taking their social and ethical responsibilities	✓ Their ethical consideration capability will improve after dissections on cadavers.
6.1. Minimum number of participants	4 students		
6.2. Maximum number of participants	4 students		
6.3. Year(s) and Semester(s) Offered ((Please, mark ✓)	Years /Semesters	Fall	Spring
	First		
	Second		✓
	Third		
7.1. Prerequisite of the Course	(Please write if there are any course prerequisites.) None		
8.1. Planned Product(s) of the Course	(Students should create a product such as a research report, presentation and/or project. Please mention the product of this course here.) Students will prepare a presentation explaining the impact of the dissections they performed during the course on their anatomical knowledge and future career plans.		
9.1. Assessment and evaluation plan of the course	(This plan will be announced in the form of the course description. Please make sure to include the product of the course as part of the assessment plan.) Students will be evaluated based on their performance during the dissection sessions (50%) and their presentation (50%).		

10.1. WEEKLY COURSE PLAN

(Please mention the weekly activities of your course and state whether if the activity requires instructor guidance, any team and/or student based activity. Also note that at most 30% of the course will be held without instructor guidance.)

Weeks	Definition of Activities
1	Introduction to anatomical dissection
2	Upper extremity dissection
3	Upper extremity dissection
4	Upper extremity dissection
5	Upper extremity dissection
6	Lower extremity dissection
7	Lower extremity dissection
8	Lower extremity dissection
9	Lower extremity dissection
10	Abdominal wall dissection
11	Face dissection
12	Face dissection
13	Neck dissection
14	Presentation

1.1. Elective Course Title	Personalized Medicine																														
2.1. Name of course instructor (coordinator)	O.Uğur Sezerman, <i>Prof. Biostatistics and Medical Informatics Department</i>																														
2.2. Names of co-instructors (if present)																															
3.1. Brief course description	Aim of the course is to introduce concepts related to Personalized Medicine and use of 'omics' technologies including transcriptomics, next-generation sequencing, proteomics, metabolomics and epigenetics to determine individual's disease development mechanism. The course will cover different bioinformatics methods that are used in personalized medicine including integration of different 'omics' data and pathway analysis approaches. There will be a course project in which each group will be given real patient 'omics' data for which they have to come up with diagnostics and propose a treatment method.																														
4.1.Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • Gain knowledge of 'omics' technologies. • Gain Knowledge on integration of 'omics' data. • Gain Knowledge on pathway analysis. • Gain Knowledge on pathway based personalized medicine decision making. • Perform and evaluate real patient data analysis. • Improve their analytic and decision making skills for diagnostics and treatment. • Understand the principles of Personalized Medicine 																														
5.1. Supported EME Course Basic Objective(s)	<table border="1"> <thead> <tr> <th>No</th> <th>EME Course Basic Objectives</th> <th>✓</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Self-directed learning</td> <td>✓</td> <td>Attendances are expected to study and gain the essential knowledge about omics data analysis</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Attendances are expected to perform successful team work to perform and evaluate 'omics' data</td> </tr> <tr> <td>3</td> <td>Understanding and using the basic principles of evidence-based scientific approaches</td> <td></td> <td>Attendances are expected to study statistical and machine learning based analysis methods</td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td>✓</td> <td>Attendances are expected to present their findings.</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Attendances are expected to develop and perform Their report as a team work based project.</td> </tr> <tr> <td>6</td> <td>Being aware of and taking their social and ethical responsibilities</td> <td></td> <td>Attendances are expected to be aware of their social ethical responsibilities when performing analysis of real patient data.</td> </tr> </tbody> </table>			No	EME Course Basic Objectives	✓	Explanation	1	Self-directed learning	✓	Attendances are expected to study and gain the essential knowledge about omics data analysis	2	Collaboration and Productivity / Team work	✓	Attendances are expected to perform successful team work to perform and evaluate 'omics' data	3	Understanding and using the basic principles of evidence-based scientific approaches		Attendances are expected to study statistical and machine learning based analysis methods	4	Expressing him/herself (oral and written)	✓	Attendances are expected to present their findings.	5	Project development implementation and evaluation	✓	Attendances are expected to develop and perform Their report as a team work based project.	6	Being aware of and taking their social and ethical responsibilities		Attendances are expected to be aware of their social ethical responsibilities when performing analysis of real patient data.
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7.1. Prerequisite of the course	
8.1. Planned Product(s) of the course	Attendances are expected to perform bioinformatics analysis on omics data and report on it.
9.1. Assessment and evaluation plan	2 Midterms 20 pts each. 1 Final exam 35 pts. Term Project 25 pts.

10.1. THE WEEKLY PLAN	
Weeks	Activities
1	Introductory lecture, course overview and Review of Omics methodologies
2	Lecture: basic Concepts in Personalized Medicine+ Comp. Lab. 1
3	Lecture: Integration of omics data+ Comp. Lab. 1
4	Lecture: Integration of omics data+ Comp. Lab. 2
5	Lecture: Biological Networks
6	Lecture: Functional Enrichment of Omics Data + Comp. Lab 1
7	Lecture: Functional Enrichment of Omics Data + Comp. Lab 2
8	Lecture: Personalized Diagnostics 1
9	Lecture: Personalized Diagnostics 2
10	Lecture: Drug resistance mechanisms
11	Lecture: Disease Aetiology and Personalized Treatment+ Comp. Lab 1
12	Lecture: Disease Aetiology and Personalized Treatment+ Comp. Lab 2
13	Presentation of the Term Projects
14	Discussion and Assessment of the Term projects

CLERKSHIP PROGRAM





YEAR
IV

YEAR 4 CLERKSHIPS (2024-2025)															
CODE	CLERKSHIP	DEPARTMENTS	Duration (Weeks)	Theoretical Hours			Practical Hours				Instructional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS
				Lecture	SCLA	Sub Total	Lab study	Field study	"Simulated Clinical Practice"	"Clinical Practice"					
MED 401	Internal Medicine	Internal Medicine Pulmonary Diseases Infectious Diseases	10	116	10	126				135	135	285	17	14	
MED 406	Surgery	General Surgery Anesthesiology Thoracic Surgery Plastic surgery	6	96	10	106			4	126	130	256	11	8	
MED 4001	Elective for Surgical Sciences	Anesthesiology Thoracic Surgery Plastic Surgery	2						80	80	80	3	3		
MED 403	Pediatrics and Pediatric Surgery	Pediatrics Pediatric Surgery	10	114	19	133			48	153	201	390	17	14	
MED 404	Obstetrics and Gynecology	Obstetrics and Gynecology	6	51	35	86			36	153	189	442	10	8	
MED 405	Cardiovascular Medicine	Cardiology Cardiovascular Surgery	4	52	3	55				81	81	145	7	6	
MED 407	TCC		4	62	4	66			216	27	243	174	6	7	
TOTAL			42	491	81	572	0	0	304	755	1059	1468	304	1772	60

SCLA: Student Centered Learning Activities (Problem-Based Learning (PBL), Team Based learning (TBL), Case Based Learning (CBL), Flipped Classroom, Workshops.)

Field Study: Site visits, Studies in the community, Working in primary care.

Lab Study: Practices in Basic Science and Computer Labs.

Simulated Clinical Practice: Practices in clinical skills labs. (CASE)

Clinical Practice: Bed side, Outpatient clinic, Operation room.

Study Time: Self Directed Learning, Preparation.

YEAR IV 2024 - 2025 CLERKSHIP PROGRAM

Groups	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
A	TCC 26.08.2024 - 20.09.2024	Internal Medicine 23.09.2024-29.11.2024										Pediatrics 02.12.2024-07.02.2025										MIDYEAR RECESS 10.02.2025 - 21.02.2025	Cardiovascular Medicine 24.02.2025 - 21.03.2025	Obst & Gyn 24.03.2025-02.05.2025					Surgery 05.05.2025-13.06.2025					ESS* 16.06.2025 - 27.06.2025										
B	TCC 26.08.2024 - 20.09.2024	Pediatrics 23.09.2024-29.11.2024										Internal Medicine 02.12.2024-07.02.2025										MIDYEAR RECESS 10.02.2025 - 21.02.2025	Surgery 24.02.2025-04.04.2025					ESS* 07.04.2025 - 18.04.2025	Cardiovascular Medicine 21.04.2025 - 16.05.2025	Obst & Gyn 19.05.2025-27.06.2025														
C	TCC 26.08.2024 - 20.09.2024	Obst & Gyn 23.09.2024 - 01.11.2024					Cardiovascular Medicine 04.11.2024 - 29.11.2024					Surgery 02.12.2024-10.01.2025					ESS* 13.01.2025 - 24.01.2025	MIDYEAR RECESS 27.01.2025 - 07.02.2025	Internal Medicine 10.02.2025-18.04.2025										Pediatrics 21.04.2025-27.06.2025															
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ESS: Elective Surgical Sciences

Clerkship Name	Internal Medicine	MED 401
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year IV / 10 weeks	
Theoretical Hours	125	Credit 17
Practical Hours	153	
Study Hours	127	
TOTAL (Student Workload)	405	
		ECTS 16

Clerkship Chair

İnan ANAFOROĞLU
M.D., Prof. Endocrinology
inan.anaforoglu@acibadem.edu.tr

Özge GÜMÜŞAY
M.D., Assoc. Prof. Medical Oncology
ozge.gumusay@acibadem.com

Faculty

Nurdan TÖZÜN
M.D., Prof. Gastroenterology

Arzu TİFTİKÇİ
M.D., Prof. Gastroenterology

Berrin KARADAĞ
M.D., Prof. Internal Medicine

Bülent DEĞERTEKİN*
M.D., Prof. Gastroenterology

Ender ARIKAN*
M.D., Prof. Endocrinology

Eser KUTSAL*
M.D., Prof. Gastroenterology

Fatih Oğuz ÖNDER
M.D., Prof. Gastroenterology

Gül BAŞARAN
M.D., Prof. Medical Oncology

Bahattin ÇİÇEK
M.D., Prof. Gastroenterology

Başak OYAN ULUÇ
M.D., Prof. Medical Oncology

Gökhan DEMİR
M.D., Prof. Medical Oncology

Mustafa ÇETİNER
M.D., Prof. Hematology

Gürhan ŞİŞMAN
M.D., Prof. Gastroenterology

Murat SARUÇ
M.D., Prof. Gastroenterology

Özlem ER
M.D., Prof. Medical Oncology

Rüştü SERTER*
M.D., Prof. Endocrinology

Sevgi ŞAHİN
M.D., Prof. Nephrology

Taner KORKMAZ
M.D., Prof. Medical Oncology

Borçak Çağlar RUHİ
M.D., Assoc. Prof. Nephrolog

Can GÖNEN
M.D., Assoc. Prof. Gastroenterology

Müjdat KARA*
M.D., Assist. Prof. Endocrinology

Cem SUNGUR
M.D., Instructor Medical Education

İnan ANAFOROĞLU
M.D., Prof. Endocrinology

Zeynep GÜRAL
M.D., Assist. Prof. Radiation Oncology

Hakan ÜNAL*
M.D., Assoc. Prof. Gastroenterology

İbrahim YILDIZ
M.D., Assoc. Prof. Medical Oncology

Leyla ÖZER
M.D., Assoc. Prof. Medical Oncology

Özlem ÇELİK
M.D., Assoc. Prof. Endocrinology

Özlem SÖNMEZ
M.D., Prof. Medical Oncology

Suna YAPALI
M.D., Assoc. Prof. Gastroenterology

Yıldız OKUTURLAR
M.D., Prof. Internal Medicine

Ant UZAY
M.D., Assist. Prof. Hematology

Mehmet KARAARSLAN
M.D., Assist. Prof. Internal Medicine

Özdal ERSOY
M.D., Assist. Prof. Gastroenterology

Erkan ACAR
M.D., Assist. Prof. Neurology

Ceyda EREL KIRIŞOĞLU
M.D., Prof. Pulmonary Diseases

Sesin KOCAGÖZ

M.D., Prof. Infectious Diseases

İftahar KÖKSAL

M.D., Prof. Infectious Diseases

Serap GENÇER

M.D., Prof. Infectious Diseases

Hülya KUŞOĞLU

M.D., Assist. Prof. Infectious Diseases

Sertaç ARSLAN*

M.D., Assoc. Prof. Pulmonary Diseases

Fulya AĞAOĞLU

M.D., Prof. Radiation Oncology

Ülkem ÇAKIR

M.D., Prof. Nephrology

Gülseren SAĞCAN*

M.D., Instructor Pulmonary Diseases

Nilüfer AYKAÇ*

M.D., Assoc. Prof. Internal Medicine

Şafak KIZILTAŞ*

M.D., Prof. Gastroenterology

***Visiting Professor**

Educational Methods	Theoretical lectures and Practical Courses, Bedside education, Discussions, Ward Rounds, Case presentations, Seminars.
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Clerkship Aims

Internal Medicine (IM) education program is an integrated program involving all disciplines within the framework of the internal medicine department in cooperation with closely related clinical disciplines including pulmonary medicine and infectious diseases. Students will be able to practically apply what they have learned in the theoretical lectures formatted either in the form of lectures or case discussions.

The Internal Medicine Program is a 10-week rotation during the fourth year. Both theoretical and practical courses will be held mainly in Atakent Acibadem Hospital. The program includes 2-3 days of theoretical lessons followed by 4-6 days of practical sessions. Practical sessions include morning rounds, bedsides and case presentations under the supervision of the attending physicians. In the practical sessions, the students will be guided by a responsible consultant who is going to provide each student with the opportunity to learn basic principles of internal medicine, not only through direct patient contact, but also by observing and interacting with faculty and house staff. Practical sessions include morning rounds, bedsides and case presentations. Bedside education as an integral part of 4th year Internal Medicine Education Program, representing a synthesis of proper history taking, physical examination, differential diagnosis, clinical reasoning together with effective patient communication skills.

The main goal of the Internal Medicine Program is to develop a comprehensive process of incorporating history, physical examination, and results from various tests to arrive at a logical differential diagnosis. The student should be able to outline specific studies to prove or disprove the diagnosis and in general fashion, to describe an appropriate treatment plan. Internal Medicine Program does not encompass all aspects of internal medicine nor is it designed to recruit or develop internists. It is designed to provide the basic skills necessary to produce well-trained junior medical students.

The major aims of this program are:

1. To improve the student's ability to obtain a history, perform a physical examination, and then present these findings in a logical and concise manner.
2. To develop a problem-oriented method of patient evaluation.
3. To recognize the risks/benefits of medical interventions.
4. To become familiar with humanistic and ethical considerations involved in patient care.
5. To develop conduct and behaviour appropriate for a medical professional.
6. To develop and encourage a medical curiosity which will stimulate the student to continue a life-long system of self-education.
7. To develop an evidence-based approach to medical management
8. To encourage and motivate students for clinical and basic research.

General information

The first week of the IM program is dedicated to history taking and physical examination. The rest of the program is divided into 5-6 day periods, each representing either an IM subspecialty activity or other relevant department activities such as Infectious Diseases and Pulmonary Medicine. The first 2-3 days of each period covers theoretical lessons and the remaining 3-4 days are practical sessions. Practical sessions usually start with morning rounds and/or case discussion meetings followed by bedside teaching. Thereafter, the students follow their consultant's program (outpatient clinic, endoscopy, tumour boards, pathology joint meeting etc.) in their daily outpatient practice. Theoretical lessons include case discussions and lectures. Theoretical and practical sessions will be held in Atakent and Maslak Acibadem Hospitals.

Responsibilities of the students

The responsibilities of the students during internal medicine clerkship are as follows:

- 1- Students are expected to participate in all theoretical and practical sessions.
- 2- There will be a mid-term exam towards the end of the IM program. The students **should prepare a patient record (dossier) during this exam. They will be asked to take the history of a patient and do the physical examination at the patient's bedside with the consultant.** This record will be evaluated and scored by the consultant. Each student will be assigned to a consultant and that list will be announced at the beginning of the IM program. Attendance to mid-term exam and submission of patient record is mandatory before written/oral examination, it also forms ten percent of the final score. A formal document for preparing patient record will be provided to students at the start of IM program.
- 3- Students are expected to actively participate to case discussions.
- 4- **Dress Code:** It is mandatory for you to wear a white coat and hold a name tag. During Internal Medicine Clerkship, we expect male students to wear a shirt and a neck tie with trousers and the female students to dress appropriate to hospital environment with comfortable shoes suitable for long hours standing. Students should always have their stethoscope with them in bedside education.
- 5- **Attendance Policy:** Students are expected to participate in every assignment indicated on their schedule. Absences may result in being compelled to repeat all or a portion of the outpatient component of the clerkship. (For further details please consult the Regulations for Education and Examination at the website)

If for some reasons, you are not able to come to any of the practical or theoretical sessions, please inform **Dr Leyla Özer (Medical Oncology/Atakent Hospital)** before the beginning of the session and ask to be excused. Unexcused absences will have to be made up.

Evaluations

A written and a bedside oral examination are scheduled at the last two days of the each 10-week IM program. The final score will be the sum of oral & written examination and the mid-term exam. **Ninety percent** of the final score will come from the mean of the written and oral examination and **ten percent** of the final score will be calculated as the mean of the mid-term exam.

Both examinations (written and oral) will cover topics listed as "learning outcomes" within this Manuel. A sample of "History taking& Physical Examination" form will be provided in the first week of clerkship. Oral examination will assess your performance on history taking, physical examination and it will be accompanied with questions covering the topics you have learnt during this clerkship. Regarding to oral questions, you will have a separate sheet of oral examination questions/topics which will form the base of structured oral examination.

Depending on the calendar, there will be one day of study time before examinations. You will also have a consultant list who are going to be responsible for the practical sessions.

There are some recommended Internal Medicine text books which will help you to understand basic principles of IM throughout your clerkship period. A variety of high quality textbooks are available to you. The most commonly used ones are listed below. You are free to select one or two of them. Also, text- books are available here at the hospital library.

After the exam, your score will be announced only after you fill in and e-mail the clerkship evaluation form and deliver it to Dr Leyla Özer (Medical Oncology/Atakent Hospital) or Mrs. Leyla Karahan Hız (leyla.karahan.hiz@acibadem.com) or Ms. Eda Arslan (eda.arslan@acibadem.com).

References:

- Bates' Guide to Physical Examination and History Taking
- Cecil Textbook of Medicine
- Harrison's Principles of Internal Medicine,
- Kumar' Internal Medicine

Accommodation:

We encourage you to give us a list of your e-mail addresses and cell phone numbers for access in case of any change in schedule. You can also use the Student Portal established on the Acibadem University website to receive updated information.

Lunch will be served at the hospital employee cafeteria.

Parking information will be provided by hospital management.

In all Acibadem Hospitals, if you encounter any problem related to IM clerkship, you can contact medical director's secretary (contact information will be provided by the university).

Welcome to Internal Medicine clerkship and we look forward to providing you with a satisfying *and pleasant* learning experience.

Assessment Methods*

**Theoretical and Practical Subject Committee Exams,
Homework,
Presentations,
Discussions,
Skills,
Performance-Based Assessment**

* Percentages of the assessment methods will be announced by the Department.

LEARNING OUTCOMES OF INTERNAL MEDICINE CLERKSHIP

1. Pulmonary Diseases

- a. To address the symptoms of respiratory disease commonly encountered by the pulmonologist (cough, dyspnea, hemoptys, cyanosis)
- b. To review the physiology, pathophysiology, differential diagnosis, pathogenesis, diagnosis and treatment of pulmonary edema, hypoxia, polycytemia.
- c. Understand methods available for the evaluation of patients with pulmonary diseases (x-ray, radionuclide scans, pulmonary function test, blood gas analysis)
- d. Be familiar with the common drugs used in the management of pulmonary diseases.
- e. Know the diagnosis and management of the following clinical problems:
 - Chronic obstructive pulmonary disease
 - Asthma, acute and chronic
 - Common pulmonary infections (pneumonia, bronchiolitis, tuberculosis, empyema, upper airway infections, bronchiectasis etc.)
 - Interstitial lung disease (Sarcoidosis, Goodpasture's Syndrome, etc.)
 - Pulmonary neoplasm's (lung cancer, mesothelioma)
 - Pleural disease (Pleurisy, pneumothorax)
 - Pulmonary vascular disease (Pulmonary hypertension, pulmonary embolism)

2. Nephrology

- a. Recognition of the clinical symptomatology and management of common renal diseases, e.g., acute glomerulonephritis, nephrotic syndrome, acute and chronic renal failure based on the pathophysiology of the disease process.
- b. Understanding the significance and physiologic principles of laboratory tests employed in the assessment of renal function.
- c. Understanding the normal physiology of fluid, electrolyte and acid base balance. Diagnosis and management of common electrolyte and acid base disorders.
- d. Understanding the immunologic mechanisms of renal disease. In-depth study of renal biopsy and correlation of renal histology with clinical renal diseases.
- e. Insight into the metabolic and endocrine functions of the kidneys and metabolic consequences of renal failure.
- f. Instructions pertaining to the diagnosis and management of various forms of hypertension, including renin-angiotensin aldosterone system.
- g. Diagnosis and management of acute and chronic medical problems in patients with renal disease and renal failure.
- h. Evaluation of the end-stage renal disease patients and choosing the optimal renal replacement treatment modality (dialysis versus transplantation).

3. Infectious Diseases

A. Approach to a patient with fever

- a. Take relevant history and perform focused clinical examination in a patient with fever.
- b. Formulate a differential diagnosis for patients with fever.
- c. Describe a clinical and laboratory approach to a patient with fever.
- d. Recognize and define systemic inflammatory response syndrome, sepsis and septic shock.
- e. Evaluate and make a differential diagnosis for patients with fever of unknown origin.
- f. Develop management plans for the patient with fever.

B. Approach to infectious diarrhea

- a. Take appropriate history of a patient having diarrhea and make a differential diagnosis of infectious and non-infectious diarrhea.
- b. Define the appropriate laboratory and procedural evaluation of a patient with diarrhea
- c. Be aware of symptomatic treatment and manage antibiotherapy regimens for diarrhea.

C. Health care associated infections:

- a. Make definitions of specific health care associated infections.
- b. Demonstrate knowledge of the burden of health care associated infections.
- c. Evaluate the appropriate control mechanisms in preventing health care associated infections.
- d. Recognize the components of successful hand hygiene and be aware of its importance in the prevention of health care associated infections.

D. Approach to infectious diseases' emergencies:

- a. Demonstrate knowledge of acute bacterial meningitis.
- b. Demonstrate knowledge of febrile neutropenia
- c. Demonstrate knowledge of acute epiglottitis.
- d. Demonstrate knowledge of necrotizing skin and soft tissue infections.
- e. Describe rapid actions in emergency cases and manage empirical therapy.

E. Approach to genitourinary tract infections:

- a. Identify the clinical presentation of urinary tract infections in various patient populations
- b. Describe laboratory tests used to diagnose urinary tract infections.
- c. Develop a management plan for urinary tract infections and recognize the importance of antibiotic resistance.
- d. Demonstrate knowledge of sexually transmitted diseases causing urinary tract symptoms.

F. Therapeutic approach to AIDS and related opportunistic infections.

- a. Define the relationship of infection and different types of immunosuppression states.
- b. Explain the natural history of the HIV infection and pathogenesis of opportunistic pathogens.
- c. Define AIDS related conditions.
- d. Describe basic laboratory tests used for the diagnosis of HIV infection.

G. Rational use of antibiotics

- a. Evaluate appropriateness of antibiotic drug therapy based on clinical presentation and accompanying clinical data.
- b. Evaluate appropriate antibiotic drug selection, administration and be aware of the principles of age related, hepatic and renal impairment conditions.
- c. Demonstrate awareness of antimicrobial resistance problems during treatment of infections.

H. Approach to pandemic cases.

- a. Clinical management of suspected or confirmed pandemic /epidemic patients.
- b. Evaluation, isolation approach and management of patient with suspected respiratory pandemic agents: such as Covid 19 ...etc

4. Gastroenterology

- a. To carry out the initial history and physical examination and plan the diagnostic work-up for the more common gastrointestinal disorders
- b. To know how to use laboratory tests and imaging modalities in the most appropriate and cost –effective way.
- c. To approach patients with GI emergencies, give them primary care and know when and how to refer them to tertiary centres.
- d. To make differential diagnosis from symptom to clinical evaluation of common GI disorders presenting with dysphagia, abdominal pain, diarrhea, vomiting, coma etc . . .
- e. To understand the major symptomatology of esophageal motility disorders, to know about their pathophysiology and diagnostic work up, to recognize gastroesophageal reflux disease and its complications, to know the therapeutic options for GI motility disorders including gastroesophageal reflux disease.
- f. To know how to approach patients with acute and chronic GI bleeding, to make differential diagnosis of diseases causing upper and lower GI bleeding and diagnostic tests pertinent to the conditions, the drugs for GI bleeding.
- g. To know the definition of dyspepsia; to identify functional dyspepsia, to know how to evaluate a patient with dyspepsia and peptic ulcer disease,
- h. To know diseases causing acute and chronic diarrhea, to make differential diagnosis of diarrhea, to know how to evaluate and manage a patient with acute or chronic diarrhea.

- i. To understand the burden and prevalence of most common causes of constipation, to learn the differentiation of organic and functional causes of constipation, to understand the diagnostic tests for constipation to learn the treatment approaches for functional constipation, to learn and be aware of the possibility of different treatment options for organic causes of constipation.
- j. To know how to approach a patient with jaundice, to make differential diagnosis and to use lab tests / imaging studies for its diagnosis
- k. To know how to approach a patient with ascites, to differentiate portal hypertensive from malignant ascites or other causes of ascites. To know how to manage a patient with ascites.
- l. To make the differential diagnosis of elevated aminotransferases, cholestatic enzymes, bilirubin levels and to know how to distinguish liver pathologies according to the laboratory tests.
- m. To define irritable bowel syndrome (IBS), describe how to manage the patients with IBS and know when and how to use drugs in this setting.
- n. To understand the pathogenesis of the inflammatory bowel diseases (IBD), to classify IBD, to know about the symptoms, physical findings, diagnosis and treatment of the Ulcerative colitis and Crohn's disease
- o. To know the complications of the liver cirrhosis, to manage complications of liver cirrhosis in primary care level.
- p. To understand the importance of acute and chronic viral hepatitis, to name and classify the hepatitis, to describe the epidemiology, risk groups, transmission routes, symptoms, physical findings, diagnosis, complications and treatment of the viral hepatitis. To know prevention measures and vaccination against viral hepatitis infection
- q. To know how to approach to patients with acute liver failure, to define and make differential diagnosis of conditions causing acute and acute on chronic liver failure, to know how to evaluate a patient with acute liver failure, to know when and how to refer a patient with acute liver failure to a transplantation centre, to know about drugs used in acute liver failure,
- r. To be familiar with presentation and features of gallstone disease and its complications, to know about the methods for diagnosis and treatment of pancreatobiliary disorders
- s. To understand obesity related gastrointestinal problems and approach to their management
- t. To know about alcohol induced liver and pancreatic diseases, their prevention and treatment
- u. To outline disease burden in gastrointestinal cancers, to know about their prevention, nutritional aspects of carcinogenesis and approach to patients with common GI cancers
- v. To give patients dietary recommendations for a healthy life, prevention from chronic debilitating diseases and maintain their health with the medical condition they suffer from.

5. Hematology

- a. Take a history from a haematology patient
- b. Determine pathological findings in the examination of the haematology patient
- c. Construct a differential diagnosis following history taking and physical examination
- d. Ask for the necessary laboratory tests to clarify the differential diagnosis
- e. Comment on the haematological laboratory tests
- f. Define the basic histological, physiological, biochemical and genetic properties involved in haematological processes
- g. Describe the pathology which occurs when these normal processes are disturbed
- h. Explain the clinical and laboratory features of common blood disorders including haematological malignancies, anaemias, clotting disorders and transfusion problems and their management

6. Medical Oncology

- a. Be familiar with cancer as a global health problem worldwide
- b. Describe reasons for development of cancer: genetic/ environmental/viral
- c. Know most frequent and worst prognostic cancers in men and women
- d. Define risk factors for development of cancer
- e. Know preventive measures for common cancers
- f. Understand/describe behavioral changes needed to prevent cancer
- g. Know recommended cancer screening for normal risk people
- h. Know therapeutic interventions for cancer prevention
- i. Know aims of cancer treatment: curative, palliative
- j. Know how cancer therapy works, main therapeutic modalities: CT, RT and biologic therapies
- k. Make differential diagnosis and know treatment of oncologic emergencies
- l. Know principles of pain management in cancer patients
- m. Know early and late side effects of cancer therapy
- n. Know how to communicate with cancer patients: compassionate caring, sharing bad news

- o. Know risk factors, screening, diagnostic procedures, staging and treatment of Breast Cancer
- p. Know risk factors, screening, diagnostic procedures, staging and treatment of Lung Cancer
- q. Know risk factors, screening, diagnostic procedures, staging and treatment of Colorectal Cancer
- r. Know risk factors, screening, diagnostic procedures, staging and treatment of Prostate Cancer

7. Rheumatology

- a. Obtain proficiency in performing a comprehensive musculoskeletal system exam.
- b. Develop a reasonable differential diagnosis for both monoarticular and polyarticular presentations of arthritis.
- c. Develop a reasonable differential diagnosis for connective disease and vasculitis conditions
- d. Be familiar with clinical presentation of some common rheumatic diseases such as rheumatoid arthritis, spondylarthrosis (including psoriatic arthritis, reactive arthritis, ankylosing spondylarthritis), and uncommon ones such as Familial Mediterranean Fever, Bechet's Disease
- e. Be familiar with and proficient in the use of an expanded history of present illness and review of systems pertinent to musculoskeletal and rheumatic disorders
- f. Understand the usefulness and limitations of immunologic testing
- g. Understand indications for arthrocentesis and the interpretation of synovial fluid result.
- h. Acquire an understanding of the use of oral, parenteral and intra-articular corticosteroids, non-steroidal anti-inflammatory agents, immunosuppressive and biologic agents in rheumatic diseases.
- i. Recognize indications for use and major untoward effects of drugs and the monitoring for drug toxicity.
- j. Participate in patient education.

8. Endocrinology

After completing this internship block, the students will be able;

- a) To use the clinical reasoning approach in the diagnosis, differential diagnosis, management and prevention methods of acute, chronic or congenital endocrine system diseases and metabolic diseases.
- b) To explain the basic principles and approaches in the epidemiology, clinical, laboratory and radiological diagnosis and management of clinical and emergency situations in endocrinological diseases that are frequently encountered in primary care.
- c) To take an appropriate history, perform physical examination and make differential diagnosis, take action on pharmacological and non-pharmacological treatment options for clinical and emergency situations in endocrinological diseases that are frequently encountered in the primary care.
- d) To create accurate and reasonable patient records, and hand over patients safely and effectively
- e) To know when, whom and how to refer patients to tertiary centers in case.
- f) To use appropriate laboratory tests and imaging modalities as needed.
- g) To determine pharmacological and non-pharmacological treatment options for clinical and emergency situations which are frequently encountered in primary care, with an evidence-based medical approach in the context of the patient
- h) To make differential diagnosis from symptom to clinical evaluation of common endocrine disorders presenting with dryness of mouth, polyuria, polydipsia, nocturia, weight changes, growth and developmental delay, menstrual irregularities, sexual dysfunction, infertility, galactorrhea, delayed or early puberta, hirsutism, neck pain, neck lumps, skin and hair changes, palpitations, dizziness, tiredness, excess sweeting, high or low blood pressure, hyper- or hypothermia.
- i) To be aware of pituitary related disorders.
- j) To know in which cases to suspect pituitary adenomas, to recognize the symptoms of functional pituitary disorders; pituitary adenomas, hyperprolactinemia/prolactin adenoma, acromegaly, Cushing's disease, hypopituitarism, diabetes insipitius.
- k) To understand major symptomatology of pituitary disorders, to know about their pathophysiology and diagnostic work-up, to know the outlines of diagnosing these diseases and make differential diagnosis.
- l) To be aware of thyroid disorders and to approach acute and chronic thyroid disorders. To know the epidemiology, pathophysiology and symptoms of thyroid disorders.
- m) To obtain proficiency to make a complete thyroid and neck examination.
- n) To know pathophysiology of thyroiditis, thyroid nodules and thyroid carcinomas and to recognize and make diagnostic work up for these disorders.
- o) To understand the indications for thyroid fine needle aspiration biopsy
- p) To develop a reasonable differential diagnosis of thyroid disorders which cause thyrotoxicosis or hypothyroidism.
- q) To treat acute and chronic situations besides to know how to approach and treat emergencies of thyroid disorders.
- r) To be aware of adrenal diseases.
- s) To know in which cases to suspect, and recognise the symptoms adrenal diseases; primary hyperaldosteronism, Cushing's syndrome, pheochromocytoma, congenital adrenal hyperplasia, adrenal insufficiency and adrenal carcinoma.
- t) To know when to suspect, the definition and the pathophysiologic mechanisms causing secondary/endocrine hypertension.

- u) To approach patient with secondary hypertension for differential diagnosis by recognizing and making differential diagnosis of causes like Cushing syndrome, hyperaldosteronism and pheochromocytoma.
 - v) To know the definition of adrenal incidentaloma and how to approach for a proper differential diagnosis and discriminate benign and malign adrenal lesions.
 - w) To know the definition and diagnostic criteria of diabetes mellitus. To know risk factors for diabetes mellitus and to know when to screen for diabetes mellitus.
 - x) To be aware of the burden and complications of diabetes mellitus and to know the epidemiology.
 - y) To define the target population, method and implementation strategies of control, screening programs for protection and disease prevention
 - z) To understand major symptomatology of diabetes mellitus, to know about pathophysiology and diagnostic work up, recognize the disease.
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- aa) To classify types of diabetes mellitus according to symptoms, findings, physical examination and laboratory work up.
 - bb) To obtain proficiency to make a complete physical examination for possible complications of diabetes mellitus like diabetic neuropathy exam
 - cc) To understand pathophysiologic mechanisms and screen patients appropriately for acute and chronic complications of diabetes mellitus.
 - dd) To be aware of the harms of hypoglycemia, to know the definition and treatment of hypoglycemia.
 - ee) To know to take actions to prevent the complications of diabetes mellitus
 - ff) To participate in patient's education for diabetes mellitus
 - gg) To treat patients with diabetes mellitus and to know when to refer to a tertiary center
 - hh) To know the pathophysiologic mechanisms of acute complications of diabetes mellitus; diabetic ketoacidosis, hyperosmolar nonketotic hyperglycemic state.
 - ii) To know how to approach in emergency cases and treat accordingly.
 - jj) To know the symptoms and pathophysiologic mechanisms of menstrual irregularities and sexual dysfunction disorders.
 - kk) To make the differential diagnosis.
 - ll) To know the symptoms and signs of calcium metabolism disorders.
 - mm) To know the definition and effects of vitamin D deficiency and take action to prevent.
 - nn) To classify and make differential diagnosis for both hypercalcemia and hypocalcemia
 - oo) To know how to approach patient with hyper- or hypocalcemia and treat accordingly
 - pp) To know the risk factors for osteoporosis and to make an appropriate diagnosis
 - qq) To be aware of endocrine system related emergencies.
 - rr) To know when to suspect thyroid storm, mixedema coma, hypercalcemia, hypocalcemia, pituitary apoplexia, diabetic ketoacidosis and other diabetic emergencies
 - ss) To know the outlines of diagnosing these diseases and making differential diagnosis

Clerkship Name	Pediatrics & Pediatric Surgery	MED 403
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year IV / 10 weeks	

Theoretical Hours	155	Credit 17	ECTS 15
Practical Hours	152		
Study Hours	50		
TOTAL (Student Workload)	357		

Clerkship Chair

Saygın ABALI
M.D., Assoc. Prof. Pediatrics
saygin.abali@acibadem.edu.tr

Özlem AKGÜN DOĞAN
M.D., Prof. Assoc. Pediatrics.
ozlem.dogan@acibadem.edu.tr

Faculty

Serap SEMİZ
M.D., Prof. Chief of Pediatrics

Latif ABBASOĞLU
M.D., Prof. Pediatric Surgery

Yasemin ALANAY
M.D., PhD, Prof. Pediatrics

Arzu AKÇAY
M.D., Prof. Pediatrics

Canan AYABAKAN
M.D., Prof. Pediatrics

Serdar BEKEN
M.D., Prof. Pediatrics

Gülbin BİNGÖL
M.D., Prof. Pediatrics

Cengiz CANPOLAT
M.D., Prof. Pediatrics

Muazzez ÇEVİK
M.D., Prof. Pediatric Surgery

Agop ÇITAK
M.D., Prof. Pediatrics

Vildan ERTEKİN*
M.D., Prof. Pediatrics

Elif DAĞLI*
M.D. Prof. Pediatrics

Ayla OKTAY*
M.D., Instructor Pediatrics

Yasemin Dilek SOYSAL*
M.D., Instructor Pediatrics

Melike ERSOY OLBAK*
M.D., Assoc. Prof. Pediatrics

Ayşe KORKMAZ TOYGAR
M.D., Prof. Pediatrics

Metehan ÖZEN
M.D., Prof. Pediatrics

Burak TANDER
M.D., Prof. Pediatric Surgery

Saygın ABALI
M.D., Assoc. Prof. Pediatrics

Özlem AKGÜN DOĞAN
M.D., Assoc. Prof. Pediatric

Ayşe Burcu AKINCI
M.D., Assoc. Prof. Pediatrics

Selma AKTAŞ
M.D., Assoc. Prof. Pediatrics

Burçin BEKEN
M.D., Assoc. Prof. Pediatrics

Burcu BULUM AKBULUT
M.D., Assoc. Prof. Pediatrics

Fatma DEMİR YENİGÜRBÜZ
M.D., Assoc. Prof. Pediatrics

Enver Mahir GÜLCAN
M.D., Assoc. Prof. Pediatrics

Baran Cengiz ARCAGÖK
M.D., Assist. Prof. Pediatrics

Tarkan İKİZOĞLU
M.D., Assist. Prof. Pediatrics

İŞİ PAKIŞ*
M.D., Prof. Radiology

Yeşim İŞİ ÜLMAN
PhD, Prof. History of Medicine and Ethics

Betül MAZLUM
M.D., Assoc. Prof. Pediatric & Adolescent
Psychiatry

*Visiting Professor

Educational Methods	Lectures Case based learning sessions Clinical practice in pediatric wards, delivery room and intensive care units. Clinical Practice in CASE (NRP, CPR, Virtual Pediatric Patient Assessment)
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Clerkship Aims

This course aims to provide basic knowledge about the etiology, pathophysiology, clinical symptoms and signs, differential diagnosis, and treatment of diseases and preventive measures of pediatrics.

Students will be able to interpret laboratory results, and findings of radiological examinations. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'pediatric patients' rights and privacy.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

1. Perform pediatric history taking and make a systematic physical examination
2. Perform pediatric and neonatal resuscitation
3. Perform neonatal physical examination and nursery care, diagnose high-risk newborn and neonatal emergencies
4. Diagnose acutely ill children and treat basic pediatric emergencies
5. Learn the follow-up of a healthy child, pediatric screening programs
6. Perform basic vaccination skills
7. Evaluate the growth, development, and pubertal stage of a child
8. Define pediatric nutrition principles
9. Make differential diagnosis of fever in pediatric patients
10. Make differential diagnosis of cough in pediatric patients
11. Make differential diagnosis of abdominal pain in pediatric patients
12. Make differential diagnosis of vomiting in pediatric patients
13. Make differential diagnosis of anemia in pediatric patients
14. Define the management of pediatric trauma patient
15. Recognize pediatric neglect and abuse patients

Assessment Methods	<ul style="list-style-type: none"> • Written Final Exam (ASOS) %30 • Structured Oral Exam %35 • Case-Based Learning Assessment %10 • History Taking and Physical Examination Assessment (Should take at least 60/100 points to to be considered successful) %10 • CASE Performance Assessment %5 • Midterm Assessment %10 <p>Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course</p>
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Clerkship Name	Cardiovascular Medicine	MED 405
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year IV / 4 weeks	

Theoretical Hours	42	Credit 7	ECTS 6
Practical Hours	99		
Study Hours	30		
TOTAL (Student Workload)	171		

Clerkship Chair

Bahar TEMUR

M.D., Assoc. Prof. Cardiovascular Surgery
bahar.temur@acibadem.edu.tr

Selçuk GÖRMEZ

M.D., Assoc. Prof. Cardiology
selcuk.gormez@acibadem.edu.tr

Faculty

Ersin EREK

M.D., Prof. Cardiovascular Surgery

Şahin ŞENAY

M.D., Prof. Cardiovascular Surgery

Mustafa Aytek ŞİMŞEK*

M.D., Assoc. Prof. Cardiology

Sinan DAĞDELEN*

M.D., Prof. Cardiology

Sena SERT ŞEKERCİ

M.D., Assoc. Prof. Cardiology

Ahmet Ümit GÜLLÜ

M.D., Assoc. Prof. Cardiovascular Surgery

Selim AYDIN

M.D., Assoc. Prof. Cardiovascular Surgery

Bahar TEMUR

M.D., Assist. Prof. Cardiovascular Surgery

Ahmet ARNAZ

M.D., Assoc. Prof. Cardiovascular Surgery

Burak PAMUKÇU

M.D., Prof. Cardiology

Gökhan ARSLANHAN*

M.D., Assist. Prof. Cardiovascular Surgery

Elif EROĞLU BÜYÜKÖNER

M.D., Prof. Cardiology

Alper KARAKUŞ*

M.D., Assoc. Prof. Cardiology

Ertuğrul ZENCİRCİ*

M.D., Assoc. Prof. Cardiology

Selçuk GÖRMEZ

M.D., Assist. Prof. Cardiology

M. Ertuğrul MERCAN*

M.D., Instructor Cardiology

Funda HELVACIOĞLU*

M.D., Instructor Cardiology

Tayyar SARIOĞLU*

M.D., Prof. Cardiovascular Surgery

*Visiting Professor

Educational Methods	Theoretical lectures and practical courses, bedside education, discussions, ward rounds, case presentations, practice in operation rooms, practice in ward and outpatient clinics, practice in coronary and cardiovascular surgery intensive care unit
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of cardiovascular diseases. Students will be able to interpret laboratory results, findings of radiological examinations and observe several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

Cardiology

- A. Know the examination of cardiovascular system
- B. 1- Define acute coronary syndromes, 2- Describe how to manage the acute coronary care patients, 3- Know how to use the drugs in the acute coronary syndromes.
- C. 1- Define chronic ischemic heart diseases 2- Describe how to manage chronic stable angina, 3- Know risk factors and prevention of chronic ischemic heart diseases.
- D. 1- Approach patient with a chest pain 2- Diagnose cardiovascular emergency, 3- Treat the patient with cardiovascular emergency.
- E. 1- Know the diagnosis and classification of the hypertension (primary/secondary) and options of therapy for each stage. 2- Define the complications (end-organ damage) of the hypertension
- F. 1- Define basic mechanisms of cardiac arrhythmias and diagnose basic arrhythmias, 2- Classify the antiarrhythmic drugs according to their action, 3- Define the nonpharmacological treatment options in basic arrhythmias and know the indication of use of these methods 4- Know the medical (acute and chronic treatment) and possible catheter based treatment of basic cardiac arrhythmias,
- G. 1- Environment/genetic predisposition of the hypercoagulation status 2- How to manage the acute pulmonary embolism and deep venous thrombosis 3- Prophylaxis of high risk patient for thrombotic events
- H. 1- Definition of the pulmonary hypertension 2- Definition of the right heart failure 3- Know the causes of pulmonary hypertension and right heart failure 4- Therapy of the pulmonary hypertension and right heart failure
- I. 1- Define the pathophysiology, diagnosis, severity, prognosis, treatment options and prevention of valvular pathologies (including rheumatic fever and infective endocarditis)
- J. 1- Describe the cause of pericardial disease 2- Know the types of pericardial disease, clinical features, the necessary laboratory testing and therapeutic approach.
- K. 1- Diagnose the patient with a cardiac mass 2- Describe how to approach such a patient
- L. 1- Define genetic and secondary causes of hyperlipidemia, 2- Define risk stratification of hyperlipidemic patients, 3- Describe drugs that affect lipid metabolism, 4- Describe non-pharmacological lipid lowering therapy, 5- Know when and how to use lipid lowering drugs
- M. 1-Diagnosis of the frequent cardiomyopathies 2- Long term treatment options 3- Prevention of the sudden death
- N. Know cardiovascular problems in pregnancy
- O. Know relationship of endocrine diseases and diabetes with cardiovascular problems

Cardiovascular Surgery

- A. Know anatomy of the cardiac structures and major vessels, structures of the heart valves, cardiac conduction system, coronary artery anatomy. Define physiological terms like cardiac output, preload, afterload, stroke volume, central venous pressure.
- B. Define the functional effects of antiagregans, anticoagulants, catecholamins and positive inotropic/cronotropic agents, nitric oxide, vasodilators, diuretics, beta blockers and antihypertensive drugs.
- C. List common complications after cardiac operations. Describe and become aware of symptoms and physical findings postoperative complications (myocardial infarction, aortic dissection, aortic rupture, cardiac tamponade, low cardiac output syndrome, heart failure and pulmonary embolism).
- D. Describe common peripheral venous and arterial pathologies like deep vein thrombosis and arterial embolism and summarize their treatment options.
- E. Know to analysis of blood gas parameters, be aware of hypoxemia and cyanosis.
- F. Define symptoms and physical findings of basic congenital heart diseases and timing for intervention and surgery.
- G. Know cardiopulmonary bypass circuit and how it is used for open heart surgery.
- H. Review diseases of aorta and great vessel and learn management of patients with the diagnosis of various acute and chronic aortic diseases.
- I. Know basic approach to vascular and cardiac trauma.

Assessment Methods

Theoretical and Practical Subject Committee Exams

- Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course,
- Written final exam (Multiple choice questions, contributes to 60 % of final points)
- Structured oral exam (contributes to 40 % of final points)
- History Taking and Physical Examination Assessment %10

Clerkship Name	Obstetrics and Gynecology	MED 404
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year IV / 6 weeks	
Theoretical Hours	26	Credit 10
Practical Hours	171	
Practical Hours	46	
Study Hours	18	
TOTAL (Student Workload)	261	
		ECTS 10

Clerkship Chair		
<p>Belgin SELAM <i>M.D., Prof. Obstetrics and Gynecology</i> belgin.selam@acibadem.edu.tr</p>	<p>Turgut AYDIN <i>M.D., Assoc. Prof. Obstetrics and Gynecology</i> turgut.aydin@acibadem.edu.tr</p>	<p>Hale GÖKSEVER ÇELİK <i>M.D., Assoc. Prof. Obstetrics and Gynecology</i> gyozHale.celik@acibadem.edu.tr</p>
Faculty		
<p>Mete GÜNGÖR <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Bülent TIRAŞ <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Özlem PATA <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>İbrahim BİLDİRİCİ* <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Cem BATUKAN <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Turgut AYDIN <i>M.D., Assoc. Prof. Obstetrics and Gynecology</i></p> <p>Emine KARABÜK <i>M.D., Assist. Prof. Obstetrics and Gynecology</i></p>	<p>Serkan ERKANLI <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Suat DEDE <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Hüsnü GÖRGEN* <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Cihat ÜNLÜ* <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Yiğit ÇAKIROĞLU <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Hale GÖKSEVER ÇELİK <i>M.D., Prof. Obstetrics and Gynecology</i></p>	<p>Derya EROĞLU* <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>M. Faruk KÖSE <i>M.D., Prof. Obstetrics and Gynecology</i></p> <p>Belgin SELAM <i>M.D., Assoc. Prof. Obstetrics and Gynecology</i></p> <p>Özgüç TAKMAZ <i>M.D., Assoc. Prof. Obstetrics and Gynecology</i></p> <p>Esra ÖZBAŞLI <i>M.D., Instructor Obstetrics and Gynecology</i></p> <p>Selin ÖZALTIN <i>M.D., Assist. Prof. Obstetrics and Gynecology</i></p>
*Visiting Professor		

Educational Methods	Lectures Interactive learning session. Literature review and presentations. Practice in operation and delivery room. Practice in CASE
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of male and female genital diseases and preventive measures. Students will be able to interpret laboratory results, findings of radiological examinations and perform several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

Diagnose pregnancy, take antenatal care of pregnant woman, identify high risk pregnancies, can refer appropriate patients to specialized tertiary centers and define obstetric emergencies

1. Perform basic obstetric examination.
2. Define conditions for and describe stages of normal vaginal birth and summarize normal labor management.
3. Describe indications for operative vaginal delivery and cesarean section.
4. List common complications of labor and delivery and summarize their basic management principles
5. Perform basic gynecological examination, define physical findings.
6. Take cervicovaginal PAP smear and obtain vaginal swap for microbiological evaluation.
7. Describe common gynecological pathologies and summarize their treatment options.
8. Describe symptoms and physical findings of common gynecological cancers, define screening protocols of gynecological cancers amenable to screening and refer these patients to appropriate centers.
9. Define diagnostic criteria of infertility, describe the basic evaluation of infertile couples and explain the principles of their management.
10. Define common contraceptive methods, describe their advantage and disadvantage and counsel couples regarding the most appropriate method of contraception.
11. Describe symptoms and physical findings of common benign gynecological diseases and define their clinical management.
12. Describe urinary incontinence, define basic principles of physical examination of patients with urinary incontinence and summarize their management.
13. Define perimenopausal changes and summarize the management of common conditions of these patients.

Assessment Methods	<p>Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course,</p> <p>Clinical assessment (By, history taking, homework and discussion, of relevant cases. Contributes to 10 % of final points.)</p> <p>Written final exam (Multiple choice questions, contributes to 50 % of final points)</p> <p>Structured oral exam (contributes to 40 % of final points)</p> <p>Case based learning (contributes to 10 % of final points)</p>
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Clerkship Name	Surgery	MED 406	
Clerkship Type	Compulsory		
Medium of Instruction	English		
Year / Duration	Year IV / 6 weeks		
Theoretical Hours	54	Credit 11	ECTS 10
Practical Hours	117		
Study Hours	81		
TOTAL (Student Workload)	252		

Clerkship Chair

Bilgi BACA

M.D., Prof. General Surgery
bilgi.baca@acibadem.com

Tonguç Utku YILMAZ

M.D., Assoc. Prof. General Surgery
utkutonguc.yilmaz@acibadem.com

Akif Enes ARIKAN

M.D., Assoc. Prof. General Surgery
enes.arikan@acibadem.edu.tr

Faculty

Cihan URAS

M.D., Prof. General Surgery

Tayfun KARAHASANOĞLU

M.D., Prof. General Surgery

İsmail HAMZAOĞLU

M.D., Prof. General Surgery

Bilgi BACA

M.D., Prof. General Surgery

Mert ERKAN

M.D., Prof. General Surgery

Erman AYTAÇ

M.D., General Surgery

Tonguç Utku YILMAZ

M.D., Assoc. Prof. General Surgery

Volkan ÖZBEN

M.D., Assoc. Prof. General Surgery

Halil KARA

M.D., Assoc. Prof. General Surgery

İsmail Ahmet BİLGİN*

M.D., Assoc. Prof. General Surgery

Akif Enes ARIKAN

M.D., Assoc. Prof. General Surgery

Güralp Onur CEYHAN

M.D., Instructor General Surgery

Onur DÜLGEROĞLU*

M.D., Instructor General Surgery

Emir ÇAPKINOĞLU*

M.D., Instructor General Surgery

Fevzi TORAMAN

M.D., Prof. Anesthesiology

Bülent GÜÇYETMEZ

M.D., Assoc. Prof. Anesthesiology

Özgen ILGAZ KOÇYİĞİT*

M.D., Instructor Anesthesiology

Aslıhan Sanem ÖZATA*

M.D., Instructor Anesthesiology

Müzeyyen İYİGÜN

M.D., Instructor Anesthesiology

Muharrem KOÇYİĞİT*

M.D., Instructor Anesthesiology

Emre SAHİLLİOĞLU*

M.D., Instructor Anesthesiology

Halim ULUGÖL*

M.D., Instructor Anesthesiology

Serap AKTAŞ YILDIRIM*

M.D., Instructor Anesthesiology

Dilek ALTUN*

M.D., Assoc. Anesthesiology

Şükrü YAZAR*

M.D., Prof.

Aesthetic, Plastic and Reconstructive Surgery

Semih HALEZEROĞLU

M.D., Prof. Thoracic Surgery

Erdal OKUR*

M.D., Prof. Thoracic Surgery

Gökhan ERGENE*

M.D., Assist. Prof. Thoracic Surgery

Koray GÜVEN

M.D., Prof. Radiology

Gül ESEN İÇTEN

M.D., Prof. Radiology

*Visiting Professor

Educational Methods	Lectures Case Discussions (Interactive) Bed-Side Training Case Based Learning Out-Patient Clinics Operating Room
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Clerkship Aims

General Surgery

The aim of this course is to teach basic surgical topics to fourth year medical students with lectures, case based learning, paper presentations and bed side training. Each student expected to incorporate basic knowledge and clinical experience to obtain modern patient-oriented clinical care.

During the course, the students will have opportunities to join out- and in- patient care with medical teachers and other health professionals.

Thoracic Surgery

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of general thoracic surgical pathologies.

Anesthesiology and Reanimation

This course aims to provide basic knowledge about:

- The general anesthesia, regional anesthesia, and local anesthesia,
- Basic and advanced monitoring of the patient during anesthesia and ICU,
- Analysis of arterial blood gases,
- Pain and analgesics,
- Basic and advanced cardiopulmonary resuscitation,

oxygen therapy and mechanical ventilation.

Plastic, Reconstructive & Aesthetic Surgery

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of burns, wound healing, traumas, congenital disorders related to plastic & reconstructive surgery, maxillofacial traumas, aesthetic surgery, breast reconstruction, basic reconstructive surgical methods.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

General Surgery

- Be familiar to the anatomy of surgical sites
- Describe the symptoms and physical findings of patients with surgical disease,
- Analyze the signs and symptoms in a patient
- Outline the principles of managing surgical patients (acute abdomen, hemodynamic instability, hemorrhage, etc)
- Differentiate between benign and malignant/ acute and chronic / emergent and elective surgical disease.

Thoracic Surgery

- Learn basic principles of chest tube insertion
- Management of chest trauma patient.
- Differentiate main thoracic surgical pathologies and know their treatment.
- Define radiological findings of main thoracic surgical pathologies.

Anesthesiology and Reanimation

- Describe basically the administration and the stages of general anesthesia and to list the general anesthetics,
- Describe the regional anesthesia administration
- Describe the local anesthesia mechanisms and to list local anesthetics
- List the basic and advanced monitoring techniques used for anesthetic and intensive care of patients
- Analysis of arterial blood gases and acid-base status
- Describe the algorithms of basic and advanced cardiopulmonary resuscitation in adults.
- Describe the anatomy and physiology of pain, to list the types and characteristics of pain and define the basic principles of pain management.
- Describe the basic principles of oxygen therapy and mechanical ventilation.

Plastic, Reconstructive& Aesthetic Surgery

- Define the basic approach to burn and frostbite injuries
- Learn wound healing principles
- Define the approach to evaluation of craniofacial disorders, cleft lip & palate,
- Learn the basic breast reconstruction methods
- Learn the basic approach to hand and lower extremity injuries
- Learn the basic approach to maxillofacial traumas
- Learn the treatment of malignant melanoma and nonmelanoma skin tumors

Assessment Methods

Objective Structured Oral Exam %30
Written Exam (MCQ) %30
Mini Clinical Evaluation Exam (Mini-Cex) %10
Case Based Learning (CBL) %25
Pre-Test (CASE) %5

YEAR
V



YEAR 5 CLERKSHIPS (2024-2025)

CODE	CLERKSHIP	DEPARTMENTS	Duration (Weeks)	Theoretical Hours				Practical Hours				"Instructional Time"	Study Time	TOTAL (Student workload)	National Credits	ECTS	
				Lecture	SCLA	Sub Total	Lab study	Field study	"Simulated Clinical Practice"	"Clinical Practice"	Sub Total						
MED 501	Neurology	Neurology	4	23	9	32					63	63	95	22	117	7	6
MED 502	Neurosurgery	Neurosurgery	3	51		51					12	12	63	30	93	5	5
MED 503	Psychiatry	Psychiatry	3	31	2	33					45	45	78	33	111	5	5
MED 504	"Otolaryngology, Head and Neck Surgery"	Otolaryngology - Head and Neck Surgery	3	29	1	30					72	72	102	0	102	5	5
MED 505	Ophthalmology	Ophthalmology	2	15	3	18					68	68	86	10	96	4	3
MED 506	Dermatology	Dermatology	3	37	5	42					63	63	105	13	118	5	5
MED 508	Orthopedics & PTR	"Orthopedics Physical Therapy and Rehabilitation"	5	18	6	24			108			108	132	0	132	8	8
MED 509	Forensic Medicine	Forensic Medicine	2	43	5	48					18	18	66	10	76	4	3
MED 511	Urology	Urology	3	23		23					81	81	104	0	104	5	5
MED 5000	Elective Clerkship-1	All Departments	4								160	160	160		160	6	6
MED 5001	Elective Clerkship-2	All Departments	6								240	240	240		240	9	9
TOTAL			38	270	31	301	0	108	422	930	1231	118	1349	63	60		

SCLA: Student Centered Learning Activities (Problem-Based Learning (PBL), Team Based Learning (TBL), Case Based Learning (CBL), Flipped Classroom, Workshops.)

Field Study: Site visits, Studies in the community, Working in primary care.

Lab Study: Practices in Basic Science and Computer Labs.

Simulated Clinical Practice: Practices in clinical skills labs. (CASE)

Clinical Practice: Bed side, Outpatient clinic, Operation room.

Study Time: Self Directed Learning, Preparation.

YEAR V 2024 - 2025 CLERKSHIP PROGRAM

Groups	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
A	Elective-1 26.08.2024 20.09.2024	Reces. 23.09.2024 27.09.2024	Orthopedics & PTR 30.09.2024 - 01.11.2024		Neurology 04.11.2024 - 29.11.2024		Neurosurgery 02.12.2024 20.12.2024	Dermatology 23.12.2024 10.01.2025	Forensic Medicine 13.01.2025 24.01.2025		Midyear Reces. 27.01.2025 07.02.2025		Urology 10.02.2025 28.02.2025	Psychiatry 03.03.2025 21.03.2025	Reces. 24.03.2025 28.03.2025	Ophth. 31.03.2025 11.04.2025	OHNS 114.04.2025 02.05.2025	Elective-2 05.05.2025 - 13.06.2025																								
	Elective-1 26.08.2024 20.09.2024	OHNS 23.09.2024 11.10.2024	Dermatology 14.10.2024 01.11.2024	Urology 04.11.2024 22.11.2024	Ophth. 25.11.2024 06.12.2024	Orthopedics & PTR 09.12.2024 - 10.01.2025	Forensic Medicine 13.01.2025 24.01.2025		Midyear Reces. 27.01.2025 07.02.2025		Neurology 10.02.2025 - 07.03.2025	Neurosurgery 10.03.2025 28.03.2025	Psychiatry 31.03.2025 18.04.2025	Reces. 21.04.2025 25.04.2025	Reces. 21.04.2025 25.04.2025	Elective-2 05.05.2025 - 13.06.2025																										
B	Elective-1 26.08.2024 20.09.2024	Urology 23.09.2024 11.10.2024	OHNS 14.10.2024 01.11.2024	Psychiatry 04.11.2024 22.11.2024	Dermatology 25.11.2024 13.12.2024	Ophth. 16.12.2024 27.12.2024	Neurology 16.12.2024 - 10.01.2025	Forensic Medicine 13.01.2025 24.01.2025		Midyear Reces. 27.01.2025 07.02.2025		Orthopedics & PTR 10.02.2025 - 14.03.2025	Neurology 18.03.2024 - 12.04.2024	Neurosurgery 17.03.2025 11.04.2025	Elective-2 05.05.2025 - 13.06.2025																											
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C	Elective-1 26.08.2024 20.09.2024	Neurosurgery 23.09.2024 11.10.2024	Urology 14.10.2024 01.11.2024	Orthopedics & PTR 04.11.2024 - 06.12.2024	Ophth. 09.12.2024 27.12.2024	Psychiatry 09.12.2024 27.12.2024	Neurology 16.12.2024 - 10.01.2025	Forensic Medicine 13.01.2025 24.01.2025		Midyear Reces. 27.01.2025 07.02.2025		Dermatology 10.02.2025 28.02.2025	OHNS 03.03.2025 21.03.2025	Reces. 24.03.2025 28.03.2025	Reces. 24.03.2025 28.03.2025	Elective-1 07.04.2025 - 02.05.2025	Elective-2 05.05.2025 - 13.06.2025																									
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Clerkship Name	Neurology	MED 501
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 4 weeks	

Theoretical Hours	42	Credit 7	ECTS 6
Practical Hours	48		
Study Hours	26		
TOTAL (Student Workload)	116		

Clerkship Chair

Erkan ACAR

M.D., Assist. Prof. Neurology
erkan.acar@acibadem.edu.tr

Faculty

Murat AKSU

M.D., Prof. Neurology

Dilaver KAYA

M.D., Prof. Neurology

Ezgi YAKUPOĞLU*

M.D., Assist. Prof. Neurology

Elif ILGAZ AYDINLAR

M.D., Prof. Neurology

Pınar YALINAY DİKMEN

M.D., Prof. Neurology

Erkan ACAR

M.D., Assist. Prof. Neurology

Simay ALTAN KARA

M.D., Prof. Radiology

Mustafa E. TAVŞANLI*

M.D., Assist. Prof. Neurology

*Visiting Professor

Educational Methods	Lectures Interactive learning session Case based learning sessions Clinical practice in electrophysiology laboratory Clinical Practice in Emergency Room, Intensive Care Room
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Clerkship Aims

This course aims to provide basic and necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of neurological diseases and preventive measures. Students will be able to perform neurological examination, interpret laboratory results, and discuss the radiological findings. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

1. Describe anatomic localization of neurological lesion
2. Define etiological causes of neurological lesion
3. Perform neurological examination in awake and comatose patients
4. Differentiate the structural and systemic causes of consciousness disorders according to the neurological examination findings.
5. Describe symptoms and physical findings of common neurological disorders, define screening protocols of them and refer these patients to appropriate centers.
6. Define neurological emergencies and learn how to do their management in primary center
7. Diagnose stroke, identify causes of cerebrovascular diseases, take care of acute stroke in emergency room, define cerebrovascular diseases emergencies and be able to refer appropriate patients to specialized tertiary centers
8. Diagnose headache, identify causes of headache, discriminate secondary headache causes from primary ones, define red flags in headache, learn how to do management of primary headache attacks in primary center
9. Diagnose convulsion, define type of epileptic seizure, identify causes of convulsion, learn how to do management of epileptic seizure and status epilepticus in emergency room
10. Describe symptoms and physical findings of peripheral nerve disorders, define screening protocols of them and refer these patients to appropriate centers
11. Describe symptoms and physical findings of muscle disorders, define screening protocols of them and refer these patients to appropriate centers
12. Describe symptoms and physical findings of extrapyramidal system disorders, define screening protocols of them and refer these patients to appropriate centers
13. Describe symptoms and physical findings of peripheral nerve disorders, define screening protocols of them and refer these patients to appropriate centers
14. Describe symptoms and physical findings of demyelinating disorders, define screening protocols of them and refer these patients to appropriate centers
15. Describe symptoms and physical findings of dementia, define screening protocols of them and refer these patients to appropriate centers
16. Diagnose CNS infection and refer these patients to appropriate centers

Assessment Methods	<ul style="list-style-type: none"> Structured Oral Exam (Contributes to 60% of final points) Case-Based Learning Assessment (Contributes to 30% of final points) Neurological Examination Assessment (Contributes to 10% of final points) <p>Failure to sign in will be interpreted as absence; $\geq 20\%$ absence requires repeating the course</p>
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Clerkship Name	Neurosurgery	MED 502
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 3 weeks	

Theoretical Hours	66	Credit 5	ECTS 5
Practical Hours	51		
Study Hours	9		
TOTAL (Student Workload)	126		

Clerkship Chair

Baran BOZKURT
M.D., Assoc. Prof. Neurosurgery
baran.bozkurt@acibadem.edu.tr

Clerkship Lecturers

M. Memet ÖZEK
M.D., Prof. Neurosurgery
Koray ÖZDUMAN
M.D., Prof. Neurosurgery

Baran BOZKURT
M.D., Assoc. Prof. Neurosurgery
Bahattin TANRIKULU
M.D., Assoc. Prof. Neurosurgery

Mustafa GÜDÜK
M.D., Assoc. Prof. Neurosurgery
M. İmre USSELI
M.D., Instructor Neurosurgery

Educational Methods	Described below in detail
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Clerkship Aims

To train medical students to become proficient in diagnosing and treating neurosurgical emergencies. The students shall also learn the general outline of neurosurgical pathologies, the diagnostic workup, differential diagnosis and treatment options.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

Students must learn:

1. History and physical on Neurosurgical patients
2. Neurological examination.
3. Basic neuroradiological examinations and diagnosis of diagnosis of neurosurgical emergencies.
4. Diagnosis and initial treatment/protection for neurosurgical emergencies and craniospinal trauma.
5. Students shall learn the general outline:
6. Diagnostic procedures in neurosurgical disease.
7. Common neurosurgical problems, their workup, differential diagnosis, treatment and outcome.

Assessment Methods	<ul style="list-style-type: none"> • Week 1: Practical clinics and lectures at Altunizade Hospital • Week 2: Practical clinics and lectures at Maslak Hospital • Week 3: Practical clinics and lectures at Altunizade Hospital • Mortality and Morbidity conference is held at Acibadem Altunizade Hospital every Saturday 08:00-09:00 and is compulsory. • The midterm exam is in the form of an oral presentation. • Form: • The presentation shall be prepared in the format of a scientific congress presentation. • The presentation is prepared as an electronic power-point presentation. • The duration is 10 minutes. • Presentation language is English. • Slide reading is discouraged • Content: • Presentation titles are assigned on the 1st day of the clerkship • The student is responsible of the content • Clinical case examples are encouraged • Presentation of novel literature is encouraged • Timing: • Presentation is done on Monday and Tuesday on the 3rd week: Midterm exam • A maximum of 20 points will be given based on content, proficiency, presentation, manner, language and fluidity. • Thursday on 3rd week is Study day (1 day). Students are not obligated to attend the clinic on the day. • Friday on 3rd week is exam-day. On the exam day all students will participate in the final written examination and the final oral examination. • Final written examination will be in the form of a multiple-choice examination. The student is responsible for all clerkship content. 30 points will be given for 30 questions. Examination starts at 07:00. The duration is 60 minutes. • Final oral committee examination starts at 08:30. The student is responsible for all clerkship content. 50 points will be given for at least 5 questions.
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Clerkship Name	Psychiatry	MED 503
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 3 weeks	

Theoretical Hours	39	Credit 5	ECTS 5
Practical Hours	27		
Study Hours	60		
TOTAL (Student Workload)	126		

Clerkship Chair

Ender CESUR
M.D., Instructor Psychiatry
ender.cesur@acibadem.edu.tr

Burcu YAVUZ GÖKSAN
M.D., Assoc. Prof. Psychiatry
burcu.yavuz@acibadem.edu.tr

Faculty

Burcu YAVUZ GÖKSAN
M.D., Assoc. Prof. Psychiatry
Ürün ÖZER AĞIRBAŞ
M.D., Assoc. Prof. Psychiatry
Bariş SANCAK
M.D., Assist. Prof. Psychiatry

Meral AKBIYIK*
M.D., Assist. Prof. Psychiatry

Betül MAZLUM*
M.D., Assoc. Prof. Psychiatry
Ender CESUR
M.D., Instructor Psychiatry

*Visiting Professor

Educational Methods	Theoretical lectures Case presentations and discussions Literature presentations and discussions
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Clerkship Aims

The purpose of Psychiatry Clerkship, is to provide necessary knowledge about etiology, clinical symptoms and signs, management and treatment of psychiatric disorders. Skills about psychiatric examination (mental status examination) and history taking, approaching to urgent psychiatric patient, knowledge about the relationship of psychiatric disorders with other medical conditions and differential diagnosis are aimed to be taught.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

- Obtain a psychiatric history and perform psychiatric examination (mental status examination)
- Define psychiatric symptoms and signs
- Use psychiatric terminology
- Identify and classify psychopharmacologic drugs
- Define psychosis as a concept and diagnose schizophrenia and other psychotic disorders
- Treat a psychotic patient (in acute and follow-up periods)
- Diagnose bipolar disorder, make differential diagnosis and treat a patient in an acute manic episode
- Diagnose major depressive disorder, treat a patient in depressive episode
- Diagnose anxiety disorders, make differential diagnosis and treat a patient with anxiety disorder
- Diagnose obsessive compulsive spectrum disorders
- Diagnose substance use disorders and define intoxication and withdrawal
- Define somatoform and dissociative disorders and make differential diagnosis with other medical conditions
- Define psychosocial trauma and diagnose trauma related psychiatric disorders
- Describe eating disorders
- Define psychiatric emergencies and choose appropriate intervention
- Describe personality disorders
- Define and manage psychiatric disorders seen in perinatal period
- Define consultation liaison psychiatry and related disorders
- Define psychiatric disorders seen in childhood and adolescence and choose appropriate intervention
- Have an opinion about psychotherapies and psychologic tests
- Have ability to read and analyse medical literature in psychiatry

Assessment Methods	<p>≥20% absence requires repeating the course</p> <p>Attendance to the inpatient clinic of Bakirkoy Mazhar Osman Mental Health and Neurological Diseases Education and Research Hospital (BRSHH) is compulsory</p> <p>Clinical assessment (By discussion of relevant cases. Contributes to 20% of final points)</p> <p>Final exam (Structured oral exam including 8 questions, contributes to 80% of final points)</p>
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Clerkship Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	ACU	ACU	ACU	ACU	ACU
Week 2	Inpatient Clinic	Inpatient Clinic	Inpatient Clinic	Inpatient Clinic	Inpatient Clinic
Week 3	ACU	ACU	ACU	ACU	ACU

Clerkship Name	Otolaryngology - Head And Neck Surgery	MED 504
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 3 weeks	

Theoretical Hours	28	Credit 5	ECTS 5
Practical Hours	81		
Study Hours	17		
TOTAL (Student Workload)	126		

Clerkship Chair

Alper ÖZDİLEK
M.D., Assist Prof.
Otolaryngology - Head And Neck Surgery
alper.ozdilek@acibadem.edu.tr

Sibel YILDIRIM
M.D., Assist Prof.
Otolaryngology - Head And Neck Surgery
sibel.yildirim@acibadem.edu.tr

Clerkship Lecturers

Ahmet KOÇ*
M.D., Prof.
Otolaryngology - Head And Neck Surgery

Deniz Tuna EDİZER
M.D., Prof.
Otolaryngology - Head And Neck Surgery

Alper ÖZDİLEK
M.D., Assist Prof.
Otolaryngology - Head And Neck Surgery

Sibel YILDIRIM
M.D., Assist Prof. Otolaryngology

*Visiting Professor

Educational Methods	Theoretical lectures, Practice in outpatient clinics and operating theatre
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of otorhinolaryngological diseases

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

1. Be familiar to head and neck anatomy
2. Perform basic otorhinolaryngological examination
3. Describe the symptoms and physical findings of common otorhinolaryngological diseases
4. Diagnose and treat the common upper airway infections and ear infections
5. Recognize and define the upper airway emergencies
6. Recognize the hearing loss and facial paralysis
7. Define maxillofacial traumas
8. Recognize and describe the symptoms and physical findings of common head and neck cancers
9. Differentiate benign and malignant otorhinolaryngological diseases

Assessment Methods	Written examination (40 %) Structured Oral Exam (40 %) CBL (20 %)
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Clerkship Name	Ophthalmology	MED 505
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 2 weeks	

Theoretical Hours	18	Credit 4	ECTS 3
Practical Hours	63		
Study Hours	0		
TOTAL (Student Workload)	81		

Clerkship Chair

A. Ebru BAHADIR
M.D., Assoc Prof. Ophthalmology
ebru.kilavuzoglu@acibadem.edu.tr

Clerkship Lecturers

Banu COŞAR
M.D., Prof., Ophthalmology
A. Ebru BAHADIR
M.D., Assoc Prof. Ophthalmology

A. Rıza Cenk ÇELEBİ
M.D., Prof. Ophthalmology

Berna ÖZKAN
M.D., Prof. Ophthalmology

Educational Methods	Theoretical lectures Interactive learning sessions and CBL CASE Practice in the examination room, operating room and laser room
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Clerkship Aims

This clerkship aims to provide knowledge about the anatomy of the eye, etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of ophthalmic diseases, eye tests and preventive measures.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

1. Define anatomic structures of the eye and their functions
2. Perform basic biomicroscopy and fundus examination
3. Describe refractive errors and their treatment
4. Diagnose eye lid disorders and nasolacrimal duct obstruction, summarize their treatment options and treat particular cases
5. Make differential diagnosis of pink eye, and treat allergic and bacterial conjunctivitis
6. Describe symptoms and signs of cataracts and summarize treatment options
7. Describe symptoms and signs of glaucoma and summarize treatment options
8. Describe symptoms and signs of ocular/orbital tumors and uveitis, and summarize their treatment options
9. Describe symptoms and signs of retinal diseases, and summarize treatment options Diagnose strabismus and summarize treatment options
10. Describe common neuro-ophthalmological pathologies and summarize their treatment options
11. Diagnose penetrating eye trauma, define management of eye trauma
12. Diagnose and perform the first line treatment of chemical injuries of the eye
13. Perform visual field examination by confrontation
14. List and define all advanced eye tests, and comment on particular eye tests
15. Differentiate which patients are to be referred to tertiary centers for eye diseases

Assessment Methods	Clinical performance assessment (12%) Structured oral examinations (30%) Written examination (50%) CBL (8%)
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Clerkship Name	Dermatology	MED 506
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 3 weeks	

Theoretical Hours	32	Credit 5	ECTS 5
Practical Hours	68		
Study Hours	26		
TOTAL (Student Workload)	126		

Clerkship Chair

Andaç SALMAN
M.D., Prof. Dermatology
dilek.ozkaya@acibadem.edu.tr

Clerkship Lecturers

Sedef ŞAHİN
M.D., Prof. Dermatology
Emel ÖZTÜRK DURMAZ*
M.D., Prof. Dermatology
Gonca SARAÇ ÖZTÜRK*
M.D., Instructor

Gamze ERFAN
M.D., Prof. Dermatology
Dilek BIYIK ÖZKAYA
M.D., Assoc. Prof. Dermatology
Özgür TİMURKAYNAK
M.D., Assoc. Prof. Dermatology

Deniz DEMİRCİOĞLU
M.D., Assist. Prof. Dermatology
Andaç SALMAN
M.D., Assoc. Prof. Dermatology
Ceyda ÇAYTEMEL
M.D., Assist. Prof. Dermatology

*Visiting Professor

Educational Methods	Lectures Interactive learning session. Practice in outpatient clinics.
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of dermatological diseases and preventive measures. Students will be able to interpret laboratory results, findings of dermatological examinations and perform several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

1. Use the language of dermatology to effectively and accurately describe skin conditions and lesions.
2. Define common dermatological terms and primary/secondary skin lesions and recognize configuration of common skin lesions such as annular, dermatomal, linear etc.
3. To have focused history for dermatological conditions, demonstrate physical and dermatological examinations, and oral presentations suitable for the skin.
4. Outline a basic approach to the diagnosis and management of common skin conditions such as atopic dermatitis, psoriasis, and seborrheic dermatitis.
5. To differentiate and approach bacterial, viral, fungal and parasitic infections.
6. Apply the basic principles and practice of oral and topical dermatologic therapy including the appropriate use of emollients, topical steroids, antipruritic therapies, and systemic immunosuppressants
7. Correctly identify common skin tumors such as basal cell carcinoma, squamous cell carcinoma, and melanoma; outline basic management plans including the method of biopsy, appropriate surgical management, and patient follow up intervals.
8. Recognize potentially life-threatening skin diseases such as serious drug eruptions, toxic epidermal necrolysis, and autoimmune blistering disorders.
9. Successfully demonstrate essential dermatologic diagnostic procedures including KOH examination, scabies prep, and observe shave biopsy, and punch biopsy of the skin

Assessment Methods	Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course, Case based learning (CBL) % 10 General course assessment (Absence/attendance and active cooperation during course, Clinical assessment (Descriptions and discussion of relevant cases. Contributes to 10 % of final points.) Structured oral exam (contributes to 80 % of final points)
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Clerkship Name	Orthopedics And Traumatology, Physical Medicine And Rehabilitation	MED 508
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 5 weeks

Theoretical Hours	39	Credit 8	ECTS 8
Practical Hours	155		
Study Hours	15		
TOTAL (Student Workload)	209		

Clerkship Co-Chairs

Altuğ YÜCEKUL

*M.D., Instructor Orthopedics And Traumatology
altug.yucekul@acibadem.edu.tr*

Emrullah HAYTA

*M.D., Assoc. Prof. Physical Medicine & Rehabilitation
emrullah.hayta@acibadem.edu.tr*

Clerkship Lecturers

Umut AKGÜN

M.D., Prof. Orthopedics & Traumatology

Ahmet ALANAY

M.D., Prof. Orthopedics & Traumatology

Fatih DİKİCİ

M.D., Prof. Orthopedics & Traumatology

Mehmet Emin ERDİL

M.D., Prof. Orthopedics & Traumatology

Alper KAYA

M.D., Prof. Orthopedics & Traumatology

Barış KOCAOĞLU

M.D., Prof. Orthopedics & Traumatology

Salih MARANGOZ

M.D., Prof. Orthopedics & Traumatology

Metin TÜRKMEN*

M.D., Prof. Orthopedics & Traumatology

Mustafa SEYHAN*

M.D., Prof. Orthopedics & Traumatology

Arel GERELİ

M.D., Prof. Orthopedics & Traumatology

Göksel DİKMEN*

M.D., Assoc. Prof. Orthopedics & Traumatology

Vahit Emre ÖZDEN

M.D., Assoc. Prof. Orthopedics & Traumatology

Kerim SARIYILMAZ

M.D., Assoc. Prof. Orthopedics & Traumatology

İlyas Çağlar YILGÖR

M.D., Assoc. Prof. Orthopedics & Traumatology

Tekin Kerem ÜLKÜ

M.D., Assoc. Prof. Orthopedics & Traumatology

Gökhan KARADEMİR

M.D., Assist. Prof. Orthopedics & Traumatology

Buğra ALPAN

M.D., Instructor Orthopedics & Traumatology

Altuğ YÜCEKUL

*M.D., Instructor
Orthopedics And Traumatology*

Şule ARSLAN

*M.D., Prof.
Physical Medicine And Rehabilitation*

Meral BAYRAMOĞLU*

*M.D., Prof.
Physical Medicine And Rehabilitation*

Emrullah HAYTA

*M.D., Assoc. Prof.
Physical Medicine And Rehabilitation*

İşıl Fazilet KARTALOĞLU*

*M.D., Assist. Prof.
Physical Medicine And Rehabilitation*

İbrahim TUNÇAY

*M.D., Prof.
Orthopedics And Traumatology*

Kerem BİLSEL

*M.D., Prof.
Orthopedics And Traumatology*

*Visiting Professor

Educational Methods	Lectures Problem based learning session (PBL) Skill training in Center of Advanced Simulation & Education (CASE) Practice in clinics Practice in emergency room Practice in operation room
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis, treatment, rehabilitation and physical therapy modalities and preventive measures of musculoskeletal system diseases and trauma.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

Orthopedics and Traumatology

1. Perform basic musculoskeletal system examination and define common abnormalities
2. Diagnose common musculoskeletal system diseases
3. Identify traumatic injuries
4. Choose imaging techniques to diagnose musculoskeletal system disorders and assess x-rays
5. Obtain basic principles of differential diagnosis in musculoskeletal system disorders by processing the clinical, laboratory, radiological findings
6. List common complications of fractures and dislocations and basic management principles
7. Perform basic splinting and bandaging techniques, manage to transfer trauma patients in optimal conditions
8. Perform basic hip and extremity examination of a newborn
9. Describe common sports injuries and summarize their treatment options
10. Describe symptoms and physical findings of common musculoskeletal cancers, define screening protocol and refer these patients to appropriate centers
11. Define diagnostic criteria of musculoskeletal system infections, explain the principles of their management
12. Students are recommended to contact the responsible attending for each location at the Department of Orthopaedics and Traumatology, respectively

Physical Medicine and Rehabilitation

1. Learn definition, classification and measurement of pain; get familiar with principles of
2. Treatment of pain and WHO pain ladder, write a prescription for analgesics.
3. Be able to list differential diagnosis of neck and low back pain and able to examine a patient encountered with such complaints.
4. Define the most common etiologies of pain for upper and lower extremity joints (shoulder, elbow, wrist, hip, knee, ankle and joints of the hand and feet) and treatment principles.
5. Able to make the differential diagnosis for degenerative and inflammatory disorders.
6. Able to make a diagnosis of osteoarthritis and inform the patient about treatment and prognosis.
7. Develop a general sense of rehabilitation concepts and how rehabilitation can be applied to
8. Different patient populations (pediatrics, geriatrics, pulmonary and cardiovascular problems, etc.).
9. Get familiar with orthotics and prosthetics and learn the rationale of use for such devices.
10. Define osteoporosis and list the major groups of medication used for the treatment.
11. Able to show anatomic landmarks of musculoskeletal anatomy
12. Define common inflammatory disorders of musculoskeletal system, get familiar with criteria for inflammatory disorders.

Assessment Methods	<table border="1" style="width: 100%;"> <tr> <td>Oral Exam</td> <td>(60 points)</td> <td></td> </tr> <tr> <td>Mini – CEX</td> <td>(5 points)</td> <td></td> </tr> <tr> <td>CBL</td> <td>(15 points)</td> <td></td> </tr> <tr> <td>CASE</td> <td>(20 points)</td> <td>TOTAL: 100</td> </tr> </table> <p>√ Individuals with >20% absence in lectures, skill trainings and practices will fail and must repeat this course.</p> <p>√ Minimum point to complete the clerkship successfully is 60.</p>	Oral Exam	(60 points)		Mini – CEX	(5 points)		CBL	(15 points)		CASE	(20 points)	TOTAL: 100
Oral Exam	(60 points)												
Mini – CEX	(5 points)												
CBL	(15 points)												
CASE	(20 points)	TOTAL: 100											

Clerkship Name Forensic Medicine MED 509

Clerkship Type Compulsory

Medium of Instruction English

Year / Duration Year V / 2 weeks

Theoretical Hours	50	Credit 4	ECTS 3
Practical Hours	18		
Study Hours	13		
TOTAL (Student Workload)	81		

Clerkship Chair

Işıl PAKIŞ
M.D., Prof.
isil.pakis@acibadem.edu.tr

Clerkship Lecturers

Oğuz POLAT
M.D., Prof. Forensic Medicine

Işıl PAKIŞ
M.D., Prof. Forensic Medicine

Educational Methods	Theoretical lecture Interactive learning session Practice in the autopsy
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Clerkship Aims

This course aims to provide knowledge about the forensic medical procedure, autopsy, death, wounds, child abuse, domestic violence, physicians' legal responsibilities, medical malpractice.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

1. Identify problems dealing with forensic medicine and resolve that problems using with correctly applied different concepts.
2. Define forensic medicine and how forensic medicine works,
3. Describe differences between forensic science and forensic medicine
4. Diagnose forensic cases, perform forensic medical procedure,
5. Perform a proper forensic report
6. Define autopsy procedure and autopsy types,
7. Describe what does death mean, types of death, early and late evidences of the death, organ transplantation procedure
8. Describe forensic psychiatric principles
9. Describe what does domestic violence mean, types of domestic violence, the results of domestic violence
10. Describe what does violence against women mean, types of violence against women, the results of violence against women
11. Describe what does child abuse mean, types of child abuse, the results of child abuse
12. Define medical malpractice and to list types of medical malpractice
13. Analyze the relationship between forensic cases and penal codes
14. Describe classification of wounds, diagnose different types of wounds
15. Define what does asphyxia mean, types of asphyxia, evidences of asphyxia and to make differential diagnosis different types of asphyxia

Assessment Methods	Written examination-30 CBL-20 Forensic report written examination-40 One question quizzes-10
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Clerkship Name	Urology	MED 511
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 3 weeks

Theoretical Hours	19	Credit 5	ECTS 5
Practical Hours	107		
Study Hours	0		
TOTAL (Student Workload)	126		

Clerkship Chair

Bora ÖZVEREN
M.D., Assoc. Prof. Urology
bora.ozveren@acibadem.edu.tr

Selçuk KESKİN
M.D., Assist. Prof. Urology
selcuk.keskin@acibadem.edu.tr

Clerkship Lecturers

Enis COŞKUNER
M.D., Prof. Urology
İlter TÜFEK*
M.D., Prof. Urology
Cem AKBAL*
M.D., Prof. Urology
Burak ÇITAMAK*
M.D., Assoc. Prof. Urology

Burak ÖZKAN
M.D., Assoc. Prof. Urology
Ö. Burak ARGUN
M.D., Assoc. Prof. Urology
Nejdet KARŞIYAKALI
M.D., Assist. Prof. Urology

Bora ÖZVEREN
M.D., Assoc. Prof. Urology
Selçuk KESKİN
M.D., Assist. Prof. Urology
Saadettin ESKİÇORAPÇI*
M.D., Prof. Urology
Can ÖBEK*
M.D., Prof. Urology

*Visiting Professor

Educational Methods	Lectures Interactive learning session. Practice in outpatient clinics.
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of male and female urogenital diseases and preventive measures. Students will be able to interpret laboratory results, findings of radiological examinations and perform several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

By the end of this clerkship, the students will be able to:

- Diagnose renal colic and define treatment options
- Make differential diagnosis of hematuria
- Define urinary retention and obstruction
- Diagnose urinary stone disease and define basic treatment options
- List symptoms of common urological cancers and diagnose these conditions
- Diagnose common urological emergencies and explain their principle management
- Diagnose erectile dysfunction
- Diagnose enuresis nocturna and summarize basic treatment options
- Obtain basic principles of pediatric urology
- Diagnose and treat patients with sexually transmitted diseases
- Describe the role of PSA in urological screening
- Diagnose and treat urinary infection
- Perform digital rectal examination
- Perform examination of the testicles
- Perform urethral catheterization

Assessment Methods	Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course, Clinical performance assessment (20%) Structured oral exam (contributes to 80 % of final points)
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ELECTIVE CLERKSHIPS (2024-2025)

Code	Clerkship	Türkçe Adı	Coordinator	National Credits	ACTS	Dates		
						26.08.2024	16.12.2024	07.04.2025
						20.09.2024	10.01.2025	02.05.2025
MED 566	Anesthesiology	Anesteziyoloji	Prof. Fevzi Toraman (Altunizade)	6	6	3	3	3
	Biostatistics and Medical Informatics	Biyostatistik Ve Tıp Bilişimi	Prof.Uğur Sezerman	6	6	0	0	3
MED 562	Cardiology	Kardiyoloji	Assoc.Prof.Selçuk Görmez (Ataşehir)	6	6	0	1	1
MED 562	Cardiology	Kardiyoloji	Instructor Mustafa Ertuğrul Mercan (Atakent)	6	6	2	2	2
MED 567	Dermatology	Dermatoloji	Prof.Sedef Şahin (Maslak)	6	6	0	1	0
MED 567	Dermatology	Dermatoloji	Assist.Prof. Ceyda Çaytemel (Altunizade)	6	6	0	1	0
MED 567	Dermatology	Dermatoloji	Instructor Gonca Saraç Öztürk (Maslak)	6	6	0	0	1
MED 567	Dermatology	Dermatoloji	Assoc.Prof.Özgür Timurkaynak (Altunizade)	6	6	1	0	0
MED 567	Dermatology	Dermatoloji	Assist.Prof.Deniz Demircioğlu (Maslak)	6	6	1	0	0
MED 567	Dermatology	Dermatoloji	Assoc.Prof.Andaç Salman (Altunizade)	6	6	0	0	1
MED 567	Dermatology	Dermatoloji	Prof.Dilek Bıyık Özkaya (Atakent)	6	6	0	0	1
MED 571	Cardiovascular Surgery	Kalp ve Damar Cerrahisi	Prof.Ersin Ereğ (Atakent)	6	6	1	1	1
MED 571	Cardiovascular Surgery	Kalp ve Damar Cerrahisi	Prof. Şahin Şenay (Maslak)	6	6	1	1	1
MED 571	Cardiovascular Surgery	Kalp ve Damar Cerrahisi	Assoc. Prof. A.Ümit Güllü (Maslak)	6	6	1	1	1
MED 571	Cardiovascular Surgery	Kalp ve Damar Cerrahisi	Assoc. Prof. Ahmet Arnaz (Bakırköy)	6	6	1	1	1
MED 571	Cardiovascular Surgery	Kalp ve Damar Cerrahisi	Assoc.Prof. Selim Aydın (Atakent)	6	6	1	1	1
MED 571	Cardiovascular Surgery	Kalp ve Damar Cerrahisi	Assoc.Prof. Bahar Temur (Atakent)	6	6	1	1	1
MED 573	Medical Biochemistry	Klinik Biyokimya	Prof.Aysel Özpınar , Prof. Mustafa Serteser	6	6	6	6	6
MED 560	Emergency Medicine	Acil Tıp	Assist.Prof. Cem Gün (Atakent)	6	6	1	1	1
MED 560	Emergency Medicine	Acil Tıp	Assist.Prof. Hasan Aldinç (Atakent)	6	6	1	1	1
MED 554	General Surgery	Genel Cerrahi	Prof.Cihan Uras (Maslak)	6	6	0	1	0
MED 554	General Surgery	Genel Cerrahi	Assoc. Prof. Volkan Özben (Maslak)	6	6	0	1	2
MED 554	General Surgery	Genel Cerrahi	Instructor Güralp Onur Ceyhan	6	6	2	2	2
MED 554	General Surgery	Genel Cerrahi	Assoc.Prof. Erman Aytaç (Atakent)	6	6	4	4	4
MED 554	General Surgery	Genel Cerrahi	Prof. Mert Erkan	6	6	1	0	0
MED 554	General Surgery	Genel Cerrahi	Assoc.Prof.Halil Kara (Maslak)	6	6	0	1	0
MED 554	General Surgery	Genel Cerrahi	Assoc. Prof.Utku Yılmaz (Atakent)	6	6	1	1	1
MED 554	General Surgery	Genel Cerrahi	Instructor Emir Çapkınoğlu (Bakırköy)	6	6	0	0	1
MED 554	General Surgery	Genel Cerrahi	Doç. Dr. Tonguç Utku Yılmaz	6	6	1	1	1
MED 551	Internal Diseases-Infectious	İç Hastalıkları-Enfeksiyon	Prof. İftihar Köksal (Atakent)	6	6	1	1	1
MED 551	Internal Diseases-Gastroenterology	İç Hastalıkları-Gastroenteroloji	Prof. Suna Yapalı	6	6	0	0	1
MED 551	Internal Diseases-Nephrology	İç Hastalıkları-Nefroloji	Assoc.Prof.Borçak Çağlar Ruhi (Atakent)	6	6	0	1	0
MED 551	Internal Diseases - Gastroenterology	İç Hastalıkları-Gastroenteroloji	Prof. Şafak Kızıldağ (Kozyatağı)	6	6	2	2	2
MED 551	Internal Diseases-Gastroenterology	İç Hastalıkları-Gastroenteroloji	Prof.Nurdan Tözün (Altunizade)	6	6	0	1	0
MED 551	Internal Diseases-Gastroenterology	İç Hastalıkları-Gastroenteroloji	Prof.Gürhan Şişman (Altunizade)	6	6	2	2	2
MED 551	Internal Diseases-Hematology	İç Hastalıkları-Hematoloji	Prof.Mustafa Çetiner (Maslak)	6	6	2	2	2
MED 551	Internal Diseases-Oncology	İç Hastalıkları-Onkoloji	Prof.Başak Oyan Uluç (Altunizade, Maslak)	6	6	0	0	1
MED 551	Internal Diseases-Oncology	İç Hastalıkları-Onkoloji	Prof.Dr. Leyla Özer (Atakent)	6	6	0	1	0
MED 551	Internal Diseases-Oncology	İç Hastalıkları-Onkoloji	Prof. İbrahim Yıldız (Atakent)	6	6	0	1	0
MED 551	Internal Diseases-Oncology	İç Hastalıkları-Onkoloji	Prof.Gül Başaran (Altunizade)	6	6	0	0	2
MED 551	Internal Diseases-Gastroenterology	İç Hastalıkları-Gastroenteroloji	Prof. Can Gönen (Kozyatağı)	6	6	1	0	1
MED 551	Internal Diseases-Gastroenterology	İç Hastalıkları-Gastroenteroloji	Prof.Fatih Oğuz Önder (Atakent)	6	6	0	0	2
MED 551	Internal Diseases-Gastroenterology	İç Hastalıkları-Gastroenteroloji	Assist.Prof. Özdal Ersoy (Atakent)	6	6	0	0	1
MED 551	Internal Diseases--Geriatrics	İç Hastalıkları-Geriatri	Prof. Berrin Karadağ	6	6	0	2	0
MED 551	Internal Diseases-Endocrinology	İç Hastalıkları-Endokrinoloji	Prof.Rüşü Serter (Fulya)	6	6	0	1	1
MED 551	Internal Diseases-Endocrinology	İç Hastalıkları-Endokrinoloji	Prof. İnan Anaforoğlu (Maslak)	6	6	1	1	0
MED 551	Internal Diseases-Oncology	İç Hastalıkları-Onkoloji	Prof. Özlem Sönmez (Altunizade, Maslak)	6	6	0	1	1
MED 594	Neurology	Nöroloji	Prof.Murat Aksu (Atakent)	6	6	0	0	1

MED 572	Nuclear Medicine	Nükleer Tıp	Prof. Erkan Vardareli (Altunizade)	6	6	2	2	2
MED 592	Otolaryngology - Head and Neck Surgery	Kulak Burun Boğaz - Baş ve Boyun Cerrahisi	Assoc. Prof. Deniz Tuna Edizer (Atakent)	6	6	2	2	2
MED 592	Otolaryngology - Head and Neck Surgery	Kulak Burun Boğaz - Baş ve Boyun Cerrahisi	Dr. Sibel Yıldırım	6	6	2	2	2
MED 592	Otolaryngology - Head and Neck Surgery	Kulak Burun Boğaz - Baş ve Boyun Cerrahisi	Assist. Prof. Alper Özdilek (Maslak)	6	6	3	3	3
MED 595	Ophtalmology	Göz Hastalıkları	Prof.Banu Coşar (Maslak)	6	6	0	0	1
MED 595	Ophtalmology	Göz Hastalıkları	Assoc. Prof. Ebru Bahadır (Maslak)	6	6	0	0	1
MED 595	Ophtalmology	Göz Hastalıkları	Prof.Berna Özkan (Ataşehir)	6	6	0	1	1
MED 595	Ophtalmology	Göz Hastalıkları	Prof.Ali Rıza Cenk Çelebi (Maslak)	6	6	1	1	1
MED 578	Orthopedics	Ortopedi	Prof.Bariş Kocaoğlu (Altunizade)	6	6	1	1	1
MED 578	Orthopedics	Ortopedi	Prof.Ahmet Alanay (Maslak/Altunizade)	6	6	1	1	1
MED 578	Orthopedics	Ortopedi	Assoc. Prof. Kerim Sarıyılmaz	6	6	1	1	1
MED 578	Orthopedics	Ortopedi	Prof. Arel Gereli(Altunizade)	6	6	1	1	1
MED 557	Pediatric Hematology-Oncology	Pediyatrik Hematoloji-Onkoloji	Assoc.Prof. Ayşe Burcu Akıncı	6	6	0	1	0
MED 557	Pediatric Hematology-Oncology	Pediyatrik Hematoloji-Onkoloji	Asisst.Prof. Fatma Demir Yenigürbüz	6	6	0	1	0
MED 583	Pediatrics	Pediyatri	Assist.Prof.Saygın Abalı	6	6	2	2	2
MED 583	Pediatrics	Pediyatri	Assist.Prof. H. Tarkan İkizoğlu	6	6	0	1	0
MED 555	Plastic Reconstructive & Aesthetic Surgery	Plastik Rekonstrüktif & Estetik Cerrahi	Assist. Prof. K. Berkhan YILMAZ(Ataşehir)	6	6	1	1	1
MED 555	Plastic Reconstructive & Aesthetic Surgery	Plastik Rekonstrüktif & Estetik Cerrahi	Dr. Munir Selçuk Kendir (Ataşehir)	6	6	1	1	1
MED 555	Plastic Reconstructive & Aesthetic Surgery	Plastik Rekonstrüktif & Estetik Cerrahi	Dr. Mehmet Sağır (Maslak)	6	6	1	1	1
MED 581	Radiation Oncology	Radyasyon Onkolojisi	Prof. Ufuk Abacıoğlu (Altunizade)	6	6	1	1	1
MED 581	Radiation Oncology	Radyasyon Onkolojisi	Prof.Dr.Fulya Ağaoğlu (Atakent)	6	6	1	1	1
MED 581	Radiation Oncology	Radyasyon Onkolojisi	Doç.Dr. Zeynep Güral (Atakent)	6	6	1	1	1
MED 587	Psychiatry	Psikiyatri	Assoc. Prof. Burcu Yavuz (Maslak)	6	6	0	1	1
MED 587	Psychiatry	Psikiyatri	Assist. Prof. Ender Cesur (Maslak)	6	6	1	1	0
MED 587	Psychiatry	Psikiyatri	Assist. Prof. Barış Sancak (Atakent)	6	6	1	1	1
MED 587	Psychiatry	Psikiyatri	Assoc. Prof.Ürün Özer Ağırbaş (Atakent)	6	6	0	1	1
MED 587	Psychiatry	Psikiyatri	Dr. Ceren Meriç Özgündüz	6	6	1	1	0
MED 579	Obstetrics and Gynecology	" Kadın Hastalıkları ve Doğum "	Prof. Serkan Erkanlı (Altunizade)	6	6	0	0	1
MED 579	Obstetrics and Gynecology	" Kadın Hastalıkları ve Doğum "	Prof. Belgin Selam (Altunizade)	6	6	0	2	2
MED 579	Obstetrics and Gynecology	" Kadın Hastalıkları ve Doğum "	Assoc.Prof. Turgut Aydın (Atakent)	6	6	3	3	3
MED 586	Radiology	Radyoloji	Prof. Erkin Arıbal (Altunizade)	6	6	1	1	1
MED 586	Radiology	Radyoloji	Prof. Özlem Barutçu (Bakırköy)	6	6	0	2	0
MED 586	Radyoloji	Radyoloji	Prof. Ercan Karaarslan (Maslak)	6	6	2	2	2
MED 586	Radyoloji	Radyoloji	Dr. Deniz Aliş Can (Maslak)	6	6	2	2	2
MED 515	Pediatric Surgery	Çocuk Cerrahisi	Prof. Burak Tander (Altunizade, Atakent)	6	6	1	1	1
MED 515	Pediatric Surgery	Çocuk Cerrahisi	Prof. Muazzez Çevik (Atakent)	6	6	1	1	1
MED 575	Research Methods Used in Lifesciences	Tıbbi Mikrobiyoloji ve Medikal Biyoteknoloji	Prof. Tanıl Kocagöz - Assist. Prof. Sinem Öktem Okullu	6	6	3	3	3
MED 687	Peer Training Programme	Akran Eğitliliği Programı	Assist. Prof. Dilek Kitapçioğlu	6	6	6	0	0
	Genomic Medicine		Prof. Dr. Yasemin Alanay - Prof. Dr. Özden Hatırnaz NG - Doç. Dr. Özlem Akgün Doğan	6	6	0	4	4
						83	101	103

(Devam zorunludur, staj karnesi doldurulur ve staj sonunda rapor yazılır)

ELECTIVE CLERKSHIPS (2024-2025)

Code	Clerkship	Coordinator	National Credits	ACTS	Dates
					05.05.2025 - 13.06.2025
MED 5660	Anesthesiology	Prof. Fevzi Toraman	6	7	3
MED 5620	Cardiology	Instructor Mustafa Ertuğrul Mercan (Atakent)	6	7	2
MED 5620	Cardiology	Prof. Dr. Burak Pamukçu	6	7	2
MED 5670	Dermatology	Assoc.Prof.Andaç Salman (Altunizade)	6	7	1
MED 5670	Dermatology	Assoc.Prof.Dilek Bıyık Özkaya (Atakent)	6	7	1
MED 5710	Cardiovascular Surgery-Congenital	Prof.Ersin Ereğ (Atakent)	6	7	1
MED 5710	Cardiovascular Surgery	Prof. Şahin Şenay (Maslak)	6	7	1
MED 5710	Cardiovascular Surgery	Assoc. Prof. A. Ümit Güllü (Maslak)	6	7	1
MED 5710	Cardiovascular Surgery	Assoc. Prof. Ahmet Arnaz (Bakırköy)	6	7	1
MED 5710	Cardiovascular Surgery	Assoc.Prof. Selim Aydın (Atakent)	6	7	1
MED 5710	Cardiovascular Surgery	Assoc.Prof. Bahar Temur (Atakent)	6	7	1
MED 5730	Medical Biochemistry	Prof.Aysel Özpinar , Prof. Mustafa Serteser	6	7	6
MED 5600	Emergency Medicine	Assit.Prof. Cem Gün (Atakent)	6	7	1
MED 5600	Emergency Medicine	Assit.Prof. Hasan Aldinç (Atakent)	6	7	1
MED 5630	Family Medicine (Birinci basamakta saha araştırması)	Prof. Pınar Topsever	6	7	2
MED 5540	General Surgery	Assoc. Prof. Volkan Özben (Maslak)	6	7	1
MED 5540	General Surgery	Instructor Güralp Onur Ceyhan	6	7	2
MED 5540	General Surgery	Assoc..Prof. Erman Aytaç(Atakent)	6	7	4
MED 5540	General Surgery	Assoc.Prof.İsmail Ahmet Bilgin (Maslak)	6	7	2
MED 5540	General Surgery	Assoc. Prof.Utku Yılmaz (Atakent)	6	7	1
MED 5510	Internal Diseases-Gastroenterology	Prof.Gürhan Şişman (Altunizade)	6	7	2
MED 5510	Internal Diseases-Nephrology	Assoc.Prof.Borçak Çağlar Ruhi	6	7	1
MED 5510	Internal Diseases-Hematology	Prof.Mustafa Çetiner	6	7	2
MED 5510	Internal Diseases-Gastroenterology	Prof. Şafak Kızıldağ (Kozyatağı)	6	7	2
MED 5920	Otolaryngology - Head and Neck Surgery	Assoc. Prof. Deniz Tuna Edizer (Atakent)	6	7	2
MED 5920	Otolaryngology - Head and Neck Surgery	Assist. Prof. Alper Özdelek (Maslak)	6	7	3
MED 5920	Otolaryngology - Head and Neck Surgery	Dr. Sibel Yıldırım	6	7	2
MED 5950	Ophthalmology	Prof.Berna Özkan	6	7	1
MED 5950	Ophthalmology	Assoc.Prof.Ali Rıza Cenk Çelebi	6	7	1
MED 5780	Orthopedics and Traumatology	Prof.Bariş Kocaoğlu (Altunizade)	6	7	1
MED 5780	Orthopedics and Traumatology	Prof.Ahmet Alanay	6	7	1
MED 5780	Orthopedics and Traumatology	Assoc. Prof. Kerim Sarıyılmaz	6	7	1
MED 5780	Orthopedics and Traumatology	Assoc. Prof. Arel Gereli(Altunizade)	6	7	1
MED 5570	Pediatric Hematology-Oncology	Asisst.Prof. Fatma Demir Yenigürbüz	6	7	1
	Pediatric Health and Diseases	Assit.Prof.Saygın Abalı	6	7	2
MED 5550	Plastic Reconstructive & Aesthetic Surgery	Assist. Prof. K. Berkhan YILMAZ(Ataşehir)	6	7	1
MED 5550	Plastic Reconstructive & Aesthetic Surgery	Dr. Munir Selçuk Kendir (Atakent)	6	7	1
MED 5550	Plastic Reconstructive & Aesthetic Surgery	Dr. Mehmet Sağır (Maslak)	6	7	1
MED 5810	Radiation oncology	Prof. Ufuk Abacıoğlu (Altunizade)	6	7	1

MED 5810	Radiation oncology	Prof.Dr.Fulya Ağaoğlu (Atakent)	6	7	1
MED 5810	Radiation oncology	Doç.Dr. Zeynep Güral (Atakent)	6	7	1
MED 5870	Psychiatry	Dr. Barış Sancak (ATAKENT)	6	7	2
MED 5870	Mental Health and Diseases	Assoc. Prof. Burcu Yavuz (Maslak)	6	7	1
MED 5870	Mental Health and Diseases	Instructor Ender Cesur (Maslak)	6	7	1
MED 5870	Mental Health and Diseases	Assoc. Prof. Ürün Özer Ağırbaş (Atakent)	6	7	1
MED 5870	Mental Health and Diseases	Dr. Ceren Meriç Özgündüz	6	7	1
MED 5790	Obstetrics and Gynecology	Prof. Belgin Selam (Altunizade)	6	7	2
MED 5790	Obstetrics and Gynecology	Assoc.Prof. Turgut Aydın (Atakent)	6	7	3
MED 5790	Obstetrics and Gynecology	Prof. Yiğit Çakıroğlu (Maslak)	6	7	1
MED 5790	Obstetrics and Gynecology	Asist.Prof. Selin Özeltin (Maslak)	6	7	1
MED 5860	Radiology	Prof. Erkin Arıbal (Altunizade)	6	7	1
MED 5860	Radiology	Dr. Deniz Can Aliş	6	7	2
MED 5860	Radiology	Prof. Ercan Karaarslan (Maslak)	6	7	2
MED 5150	Pediatric Surgery	Prof. Burak Tander (Altunizade, Atakent)	6	7	1
MED 5150	Pediatric Surgery	Prof. Muazzez Çevik (Atakent)	6	7	1
MED 5220	Biostatistics and Medical Informatics	Prof.Uğur Sezerman	6	7	3
MED 5750	Research Methods Used in Lifesciences	Prof. Tanıl Kocagöz - Dr. Öğr. Üyesi Sinem Öktem Okullu	6	7	3
MED 5510	Internal Diseases-Infectious	Prof. İftihar Köksal (Atakent)	6	7	1
MED 5720	Nuclear Medicine	Prof. Erkan Vardareli (Altunizade)	6	7	2
MED 5510	Internal Diseases-Gastroenterology	Prof.Nurdan Tözün (Altunizade)	6	7	1
MED 5130	Genomic Medicine	Prof. Dr. Yasemin Alanay - Prof. Dr. Özden Hatırnaz NG - Doç. Dr. Özlem Akgün Doğan	6	7	4
					98

(Devam zorunludur, staj karnesi doldurulur ve staj sonunda rapor yazılır)

The background of the page is a blurred, light-colored photograph of a hospital room. In the foreground, an IV drip chamber is visible, hanging from a stand. In the background, the face of a patient is partially visible, looking towards the camera. The overall tone is soft and clinical.

YEAR

VI

YEAR 6 INTERNSHIP PROGRAMS 2024-2025

CODE	CLERKSHIP	DEPARTMENTS	Duration (Weeks)	Theoretical Hours				Practical Hours				Instructional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS
				Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice	Sub Total					
MED 601	Internal Medicine	Internal Medicine	8									240	120	360	8	9
MED 602	General Surgery	General Surgery	4									120	60	180	4	4
MED 603	Pediatrics	Pediatrics	8									240	120	360	8	9
MED 604	Obstetrics & Gynecology	Obstetrics & Gynecology	4									120	60	180	4	4
MED 605	Psychiatry	Psychiatry	3									90	45	135	3	3
MED 606	Community Health & Primary Care	Public Health Family Medicine	8					240				240	120	360	8	10
MED 607	Emergency Medicine	Emergency Medicine	8						45			195	120	360	8	10
MED 608	Simulated Clinical Practice		1						45			45		45	1	1
MED 6001 MED 6002	Elective Internship Program	All Departments	8									240	120	360	8	10
TOTAL			52					240	90		1245	1575	765	2340	52	60

SCLA: Student Centered Learning Activities (Problem-Based Learning (PBL), Team Based learning (TBL), Case Based Learning (CBL), Flipped Classroom, Workshops.)

Field Study: Site visits, Studies in the community, Working in primary care.

Lab Study: Practices in Basic Science and Computer Labs.

Simulated Clinical Practice: Practices in clinical skills labs. (CASE)

Clinical Practice: Bed side, Outpatient clinic, Operation room.

YEAR 6 2024 - 2025 CLERKSHIP PROGRAM

Groups	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
A	Obstetrics & Gynecology 01.07.2024 -	28.07.2024	Sim. 29.07.2024 -	04.08.2024	Pediatrics 05.08.2024-29.09.2024		Community Health & PHC 30.09.2024-24.11.2024		Emergency Medicine 25.11.2024-19.01.2025		Psychiatry 20.01.2025 -	09.02.2025	General Surgery 10.02.2025 -		09.03.2025	Internal Medicine 10.03.2025 - 04.05.2025		Elective-1 05.05.2025 -		01.06.2025	Elective-2 02.06.2025 -		29.06.2025																													
	Psychiatry 01.07.2024 -	21.07.2024	Sim. 22.07.2024 -	28.07.2028	Community Health & PHC 29.07.2024 - 22.09.2024		Obstetrics & Gynecology 23.09.2024 -	20.10.2024	Internal Medicine 16.12.2024 - 09.02.2025		Emergency Medicine 10.02.2025 - 06.04.2025		General Surgery 07.04.2025 -		04.05.2025	Elective-1 05.05.2025 -		01.06.2025	Elective-2 02.06.2025 -		29.06.2025																															
B	Sim. 01.07.2024 -	07.07.2024	Emergency Medicine 08.07.2024 - 01.09.2024		Internal Medicine 30.09.2024-24.11.2024		Obstetrics & Gynecology 25.11.2024 -		22.12.2024	Psychiatry 23.12.2024 -		12.01.2025	Pediatrics 13.01.2025-09.03.2025		Community Health & PHC 10.03.2025-04.05.2025		Elective-1 05.05.2025 -		01.06.2025	Elective-2 02.06.2025 -		29.06.2025																														
	Sim. 01.07.2024 -	07.07.2024	Internal Medicine 01.07.2024 - 25.08.2024		Emergency Medicine 30.09.2024 - 24.11.2024		General Surgery 02.09.2024 -		29.09.2024	Sim. 23.09.2024 -		29.09.2024	Obstetrics & Gynecology 26.08.2024 -		22.09.2024	Pediatrics 10.03.2025 - 04.05.2025		Elective-1 05.05.2025 -		01.06.2025	Elective-2 02.06.2025 -		29.06.2025																													
C	Sim. 01.07.2024 -	07.07.2024	Internal Medicine 01.07.2024 - 25.08.2024		Emergency Medicine 30.09.2024 - 24.11.2024		General Surgery 02.09.2024 -		29.09.2024	Sim. 23.09.2024 -		29.09.2024	Obstetrics & Gynecology 26.08.2024 -		22.09.2024	Pediatrics 10.03.2025 - 04.05.2025		Elective-1 05.05.2025 -		01.06.2025	Elective-2 02.06.2025 -		29.06.2025																													
	Sim. 01.07.2024 -	07.07.2024	Internal Medicine 01.07.2024 - 25.08.2024		Emergency Medicine 30.09.2024 - 24.11.2024		General Surgery 02.09.2024 -		29.09.2024	Sim. 23.09.2024 -		29.09.2024	Obstetrics & Gynecology 26.08.2024 -		22.09.2024	Pediatrics 10.03.2025 - 04.05.2025		Elective-1 05.05.2025 -		01.06.2025	Elective-2 02.06.2025 -		29.06.2025																													

Sim: Simulated Clinical Practice

Clerkship

Internal Medicine

MED 601

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit 8	ECTS 9
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 8 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Işıl PAKİŞ M.D. Prof.</p> <p>Demet DİNÇ M.D., Instructor</p>	<p>Sevgi ŞAHİN M.D., Prof.</p> <p>Bilgi BACA M.D., Prof.</p> <p>Saygın ABALI MD. Assoc. Prof.</p>

Program Coordinators

Sevgi ŞAHİN
M.D., Prof.

Yıldız OKUTURLAR
M.D. Prof.

Suna YAPALI
M.D. Assoc. Prof.

Academic Units

INTERNAL MEDICINE

PULMONARY DISEASES

INFECTIOUS DISEASES

CARDIOLOGY

HISTORY OF MEDICINE AND ETHICS

SIMULATED CLINICAL PRACTICE

Course Duration	8 Week
Educational Methods	<ul style="list-style-type: none"> • Seminars (Presented by interns and faculty staff), • Journal Clubs, • Case Discussions during ward rounds and out patients' clinics, • Clinical Skills Training, • Ward rounds, • Bed Side Training, • Outpatient clinics, • On-call duties and Night Shifts • Multimodal internal medicine-ethics booth camp.
Assessment Methods	Direct observation and evaluation of intern-patient relationships, patients' case files recorded by interns, completing the defined duties, scheduled tasks, medical interventions performed by interns.
Course Aims	This hospital based medical education program aims to deliver training in environment of wards and out-patient clinics of the tertiary healthcare facility.
Learning Outcomes	<p>At the end of this program, interns will be able to:</p> <ul style="list-style-type: none"> • Gather data for patients' case history, perform physical examination and organize management plan. • Manage contact with patients and with patients' relatives. • Organize patient care, laboratory and radiologic tests under supervision of relevant primary doctor of the patient. • Keep medical case file records and fill and organize them when required. • Understand the legal issues regarding patients case files. • Observe and interpret the changes in the patients' clinical and laboratory findings. • Manage interactions between various hospital staff. • Observe basic principles for management of an internal medicine ward. • Perform interventions for care of the patient. • Participate in the interplay of various disciplines required for the management of the patients who need multidisciplinary approach. • Make informing speeches to the patients and relatives when required. • Observe patient management in out-patient clinics. • Develop ethical sensitivity and professional motivation during the internship period, • Foster professional and ethical values in clinical and ethical decision-making in daily but simulated practice, • Help student get ready for real time critical, medical cases during their professional life beforehand, • Provide a learning and practicing environment for combining ethical and clinical decision-making in light of ethics principles and evidence-based medicine. • Make clinicians, medical student & ethicists work together in interdisciplinarity and plurality.

COMPULSORY TASKS DURING THE INTERNSHIP

Ward Rounds

- Attendance to ward rounds at scheduled hours is compulsory. Intern doctors will present the hospitalized patients to the primary consulting doctor and other participants of the ward round.
- Intern doctors should keep personal case-files of the patients apart from the hospitals file. Case-files should be closed when the patient is discharged and files should be presented to the coordinators with this log-book at the end of education period of 8 weeks. Medicolegal issues regarding the case-file writing will be discussed during the ward rounds.
- Intern doctors are required to discuss differential diagnosis and treatment options during ward rounds.
- Intern doctors should accompany the patients during secondary consulting doctor visits and radiologic or endoscopic examination.
- Intern doctors will observe and perform interventions to the patients when appropriate.
- Intern doctors will visit the patients on daily basis and repeat the physical examination, check measured data such as blood glucose, urine output, vital sign etc.
- Working hours in the clinics is between 8:00 – 17:00 during week days. Sign-in and sign-out polling will be available between 8:00-8:30 in the morning and 16:30 – 17:00 in the afternoon.

Out-patient clinics

- All interns will attend out-patient clinics and observe patient management with faculty staff.
- All interns will attend out-patient clinics for the 8 weeks of education. Rotations will be at weekly basis.
- Duty in the out-patient clinics will start after the daily ward- rounds and daily duration of the out-patient clinic will be determined by the relevant faculty member.

Seminars

- All interns will present a seminar under the supervision of a faculty member.
- Topic will be decided at least 1 week before the presentation.
- Seminars should be presented after the approval of the supervising faculty member.
- Dates and schedule of the seminars will be decided according to the supervising staff's programme.

Interventions

- All interns are obliged to perform ordered interventions under supervision of faculty staff.
- Intravenous line or urinary catheter placement, capillary blood sugar measurement, placement of respiratory masks, central venous pressure measurements are among many interventions that can be performed under supervision.

Night Shifts

- Intern doctors will have night shifts during week days.
- Night shift duty will begin at 17:00 and will finish at 8.30 next day.
- Interns on duty are obliged to visit hospitalized patients of internal medicine department at least once during the night shift.
- Night shift interns have the duty to inform other doctors about the events happened during the night shift, laboratory tests or radiologic examination to be followed-up.
- Interns with absenteeism without a solid excuse, particularly documented, and/or permission of consulting staff will have compensation on-call duties. Absenteeism more than legal limit will cause the renewal of the course program.
- The interns should comply with the terms and rules of the department, consulting staff, and the special requirements asked by the clinical wards. Maximum care should be performed in order to keep the patient records and privacy unexposed.

Training Sites

- Acibadem Mehmet Ali Aydınlar University Atakent Hospital in-patient wards including organ transplantation units.
- Patients will be followed up in other departments units when transferred to the intensive care unit or coronary ward.
- Out-patient clinics of the Atakent Hospital including internal medicine, endocrinology, rheumatology, oncology, hematology, gastroenterology, nephrology, gastroenterology, pulmonology, cardiology.
- CASE – Acibadem Mehmet Ali Aydınlar University Campus

Night Shifts

Date	Signature of Consulting Doctor

Compensation night shifts done after absenteeism should be designated.

TIMETABLE					
WEEK/ DAY	Monday	Tuesday	Wednesday	Thursday	Friday
1	Hematology	Hematology	Hematology	Hematology	Hematology
2	Infectious Diseases	Infectious Diseases	Infectious Diseases	Infectious Diseases	Infectious Diseases
3	Pulmonary Diseases	Pulmonary Diseases	Pulmonary Diseases	Pulmonary Diseases	Pulmonary Diseases
4	Nephrology	Nephrology	Nephrology	Nephrology	Nephrology
5	Cardiology	Cardiology	Cardiology	Cardiology	Cardiology
6	Gastroenterology	Gastroenterology	Gastroenterology	Gastroenterology	Gastroenterology
7	Endocrinology	Endocrinology	Endocrinology	Endocrinology	Endocrinology
8	Medical Oncology	Medical Oncology	Medical Oncology	Medical Oncology	Medical Oncology / Ethics Boot Camp

Task/Procedure	Patient Protocol No	Date	Responsible Instructor Signature

Clerkship

GENERAL SURGERY

MED 602

Educational Language

English (Practical sessions will be conducted in Turkish)

Course Type

Compulsory

Credit

ECTS

Course Level

Undergraduate

4

4

Year / Duration

Year VI / 4

Phase II/III
Coordinators

Işıl PAKİŞ
M.D. Prof.
Demet DİNÇ
M.D., Instructor

Phase II/III
Clinical Education Coordinators

Sevgi ŞAHİN
M.D., Prof.
Bilgi BACA
M.D., Prof.
Saygın ABALI
MD. Assoc. Prof.

Program Coordinators

Volkan ÖZBEN
M.D., Assoc. Prof.
Onur DÜLGEROĞLU
M.D., Assoc. Prof.

Academic Units

GENERAL SURGERY

Educational Methods	<ul style="list-style-type: none"> • Bedside training • Outpatient clinics, ward rounds, inpatient clinics • Incorporation to surgical procedures • Case discussions • Paper / lecture presentations and discussions • Attendance to multidisciplinary and Morbidity&Mortality meetings
Assessment Methods	<ul style="list-style-type: none"> • Failure to sign will be interpreted as absence • Full attendance is required to be successful • Interns are expected to fulfill the requirements including case presentations, lecture/paper presentations. • Clinical skills and professional attitude will be assessed. • Assessment will be interpreted as sufficient or insufficient.
Course Aims	<ul style="list-style-type: none"> • The aim is to teach basic surgical topics and principles to sixth-year medical students with bedside training, case discussions and paper presentations. They will learn to be a part of a surgical team and will take direct responsibility for the patient care. • The students will have opportunities to join in the both inpatient and out-patient settings with medical teachers and other health professionals in the relevant hospitals of Acibadem Health Care Group. • Each student is expected to: <ul style="list-style-type: none"> • Incorporate basic knowledge and clinical experience to obtain modern patient-oriented clinical care and • Participate the care of patients in the various stages (preoperative area, inpatient and outpatient clinics, operative procedures, recovery and follow-up) of evaluation and treatment by surgeons.
Learning Outcomes	<p>At the end of this internship program the students will be able to evaluate the patient and analyze the symptoms and examination findings related with the following topics.</p> <ul style="list-style-type: none"> • Acute abdomen • Acute mastitis, nipple discharge and symptoms of breast mass, axillary lymph node examination • Anorectal disorders (anal abscess, hemorrhoidal disease, anal fissure, etc) and differential diagnosis such as rectal cancer. • Acute cholecystitis • Abdominal wall hernia • Thyroid disorders and approach to thyroid nodules • Define minimally invasive surgery and robotics • Apply the following skills under observation <ul style="list-style-type: none"> • Suturing and suture removal • Abscess drainage • Placement of urinary catheter • Placement of nasogastric tube • Wound care • Prepare a medical report of a patient and fill out daily follow-up notes of the patient

Internship Detailed Program and Information

Intern doctors in Acibadem Mehmet Ali Aydınlar University School of Medicine are responsible for the work in the Department of General Surgery during the 4-week period. On behalf of educational team, they have responsibilities to complete their internship program.

In this program, you will be interacting with physicians in the Department of General Surgery and observing them through every step of patient care. You will experience what surgeons do on a daily basis as you encounter patient-physician interactions in the clinics, pre and post-operative units, operating rooms, and bedside meetings during rounds.

Maturity, attentiveness, flexibility, and the ability to follow written and verbal directions are qualities that are absolutely imperative to prevent hindrance of patient care. Professionalism is essential. Please be respectful to the surgical staff and nurses at all times.

This internship program is operated under the guidance and direction of the Chairman of Surgery and internship coordinator. Start and end dates, hospital shift start and end times, requirements and/or the process of selection, student guidelines, and policies set forth by Acibadem Mehmet Ali Aydınlar University School of Medicine rules.

The Department of General Surgery consists of the following surgical subspecialties:

- Gastrointestinal Surgery
- Hepatopancreatobiliary Surgery
- Breast and Endocrine Surgery
- Transplant Surgery

Working plan and Responsibilities

- 1- The responsibilities during the 6th year involve total care of all patients under the supervision of the faculty and resident staff.
- 2- The general surgery internship program lasts 4 weeks. In the beginning of the internship, the working schedule is declared to the intern doctors and this schedule is reported to the faculty and resident staff.
- 3- The general surgery internship program takes place in the Acibadem Atakent, Maslak and Altunizade Hospitals.
- 4- Within this program, intern doctors are expected to work in the inpatient and outpatient clinics as well as in the operating rooms.
- 5- Absence from the clinic without reporting an excuse is not allowed. Interns who will be absent must report, in advance, their excuse to the clinical coordinator. Absence with approved excuses will be made up by the intern. Otherwise, the internship program will be subject to repetition.
- 6- The faculty members and/or surgeons/or residents conduct ward rounds. All the interns must be present during the rounds.
- 7- During ward rounds, interns who are in charge with the inpatient clinic will present their patients. Interns are obliged to know all the clinical data of the patients they are responsible for.
- 8- Interns who are responsible for the inpatient clinic will accompany their patients during consultations, and they are supposed to be in direct contact with the consultants and prepare the treatment plan under the guidance of surgeons.
- 9- In the inpatient clinic, interns are supposed to take patient history, change wound dressings, and insert nasogastric tube and urinary catheters under the supervision of the surgical staff.

- 10- In the outpatient clinics, interns are supposed to participate actively to the clinical examination of patients.
- 11- Interns working in the operating room are supposed to be present in the operating room. They are expected to scrub up and participate to the surgical procedures.
- 12- Rooms available for intern doctors are located in the inpatient clinics and/or in the departmental area. Interns can use these rooms during their free times in the clinic.
- 13- During the general surgery internship, each intern must be on duty (nightshift) 4 times. The schedule will be announced to the interns in the beginning of the internship. Interns are supposed to start their duty at 6:00 pm during the week and finish on the next day after the morning round is completed. After the morning round interns in the duty must take signature from the committee chair of hospital. Interns are allowed to take one-day leave after the completion of duty.
- 14- During the internship program, all the interns are supposed to participate to the multidisciplinary meetings carried out in the clinic. These meetings are;
 - 1) Gastrointestinal oncology meeting (every Monday, 7:30-8:30 am)
 - 2) Breast multi-disciplinary meeting (every Friday, 7:00-8:30 am)
- 15- In the 4th week of the internship program, a morbidity and mortality meeting is carried out and the head of the department will declare the exact date of this meeting. Each intern is supposed to present a case in this meeting.
- 16- In the clinic, every Thursday at 7:00 am educational session, including morbidity and mortality discussions, literature presentations, and case-based thematic subjects, is carried out by video conferencing. The program will be given to you by the education coordinator in the beginning of your internship program. Each intern is expected to participate to these sessions.
- 17- Each intern will have a faculty or resident staff responsible for. In the middle of the internship program (at the end of the 2nd week), the staff will evaluate intern's working condition and any deficiencies will be reported to the intern. The same evaluation will be performed at the end of the internship and this will be graded and marked as success or fail.
- 18- Within the working hours, intern doctors must be in good relationship with the residents, surgical staff, faculty members, nurses, and auxiliary staff and must obey code of conduct.
- 19- In addition to clean and tidy outfit/dress, intern doctors must wear white coat or uniforms at all times in the inpatient and outpatient clinic (male interns should shave daily).

TIMETABLE

WEEK/DAY	Monday	Tuesday	Wednesday	Thursday	Friday
1	Gastrointestinal System Surgery	Gastrointestinal System Surgery	Gastrointestinal System Surgery	Gastrointestinal System Surgery	Gastrointestinal System Surgery
2	Breast and Endocrine Surgery	Breast and Endocrine Surgery	Breast and Endocrine Surgery	Breast and Endocrine Surgery	Breast and Endocrine Surgery
3	Hepatopancreatobiliary Surgery	Hepatopancreatobiliary Surgery	Hepatopancreatobiliary Surgery	Hepatopancreatobiliary Surgery	Hepatopancreatobiliary Surgery
4	Organ Transplantation Units	Organ Transplantation Units	Organ Transplantation Units	Organ Transplantation Units	Organ Transplantation Units

Internship Attendance Chart

WEEK/DAY	Monday	Tuesday	Wednesday	Thursday	Friday
1					
2					
3					
4					

Each intern must get signature for their daily attendance and permission of leave after duty (nightshift) from subdivision responsible.

Logbook Task Table:

	Date	SIGNATURE
History taking (n=5)		
Aseptic dressing (n=5)		
Stitch removal (n=5)		
Removal of drain (n=5)		

	Date	SIGNATURE
Writing epicrisis (n=5)		
Taking informed consent (n=2)		
Assisting operation note writing (n=5)		
Assisting pre-/post-operative order writing (n=10)		

Operative skills	
Scrubbing, gowning, gloving (n=5)	
Skin stitching (n=5)	
Assisting laparoscopic surgery (appendectomy, cholecystectomy, etc.) (n=1)	
No of operations assisted (n=5)	

Clerkship

PEDIATRICS

MED 603

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit 8	ECTS 9
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 8 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Işıl PAKİŞ M.D. Prof.</p> <p>Demet DİNÇ M.D., Instructor</p>	<p>Sevgi ŞAHİN M.D., Prof.</p> <p>Bilgi BACA M.D., Prof.</p> <p>Saygın ABALI MD. Assoc. Prof.</p>

Program Coordinators

Burcu BULUM AKBULUT
M.D., Assoc. Prof.

Baran Cengiz ARCAĞÖK
MD. Assist. Prof.

Tarkan İKİZOĞLU
M.D., Assist. Prof.

Academic Units

PEDIATRIC ALLERGY AND IMMUNOLOGY
PEDIATRIC CARDIOLOGY
PEDIATRIC ENDOCRINOLOGY AND METABOLISM
PEDIATRIC GASTROENTEROLOGY AND NUTRITION
PEDIATRIC GENETICS
PEDIATRIC HEMATOLOGY AND ONCOLOGY
PEDIATRIC INFECTIOUS DISEASE
PEDIATRIC INTENSIVE CARE AND EMERGENCY MEDICINE
NEONATOLOGY
PEDIATRIC NEPHROLOGY
PEDIATRIC NEUROLOGY
SOCIAL PEDIATRICS
GENERAL PEDIATRICS
AFFILIATED FACULTY

Educational Methods	<ul style="list-style-type: none"> • Practice in outpatient clinics • Practice in Clinical Wards and Intensive Care Units • Weekly Academic Meetings • Academic Staff Lectures • Journal Club • Intern Presentations
Assessment Methods	<ul style="list-style-type: none"> • Performance assessment, • Active and on-time attendance, • Patient evaluation and physical examination, • Seminar/article preparation and presentation, • Clinical skills assessment, • Personal Professional Attitude,
Course Aims	<p>The purpose of Pediatrics Internship is to integrate knowledge, attitudes and skills already acquired in the first 5 years of medical school into the clinical discipline, follow-up of healthy children and practice current diagnostic and therapeutic approaches in common medical situations.</p> <p>Interns at Acibadem University School of Medicine will graduate equipped with interest and understanding of health issues regarding children in our country and the world with extensive knowledge in preventive and routine pediatric care. Interns will actively participate in care of hospitalized children and outpatients, practicing disease prevention, (differential) diagnosis, treatment and follow-up strategies and providing support for patient and family.</p>
Learning Outcomes	<p>At the end of this program, interns will be able to:</p> <ul style="list-style-type: none"> • Develop effective communication skills, oral and written, with peers on their medical team, parents, attending as well as oral presentations skills in a variety of settings such as work rounds, patient consultations, family meetings, etc. • Obtain an extensive pediatric history from the parent and from the child. • Perform a complete physical examination on patients from the neonatal period through adolescence, • Promptly assess mental status, cooperation quality and develop the ability to use Glasgow Coma Scale, • Obtain appropriate anthropometric measurements according to age and evaluate the growth parameters effectively • Develop a clinical assessment and management plan, demonstrating critical thinking skills and integration of previous basic science and clinical knowledge into management of pediatric problems • Establish a plan for immunization practices, nutrition for well-babies, and oral rehydration therapy • Provide adequate information and support for encouraging Breastfeeding • Fully evaluate a patient with common morbidities in childhood, such as infectious, cardiac, endocrine, hematologic, neoplastic, immunologic, nephrological, neuromuscular and genetic diseases. • Perform certain minor procedures in accordance with National Core Curriculum Guideline; venous puncture, establishment of peripheral/central venous line, establishment of urinary catheters, suturing, intubation, various site injections, basic life support, performing lumbar puncture and etc. • Experience on certain techniques; evaluation of peripheral smears, evaluating urine and stool analysis, obtaining various cultures with appropriate techniques, and etc. • Measure and evaluate vital signs ie. blood pressure, heart rate and respiratory rate, body temperature. • Perform and evaluate certain tests like electrocardiogram, pulmonary function tests, clotting time and etc. • Prescribe common pediatric drugs and experience on weight based drug dose and parenteral medication calculations • Experience on evaluation of common pediatric biochemical, hematological, microbiological and radiological tests • Experience on preparation of patient file, writing follow-up notes and medical reports.

COMPULSORY TASKS DURING THE INTERNSHIP

Outpatient Clinics

All interns should attend evaluation of patients in outpatient clinics. They will be asked to take history and perform physical examination under supervision of consulting staff. All anthropometric evaluation must be fulfilled completely. If requested, laboratory tests and necessary papers should be completed. Prescription and drug dosage calculation must be performed. Pediatric interns will be assigned to different subspecialty outpatient clinics for 2-4 weeks during their programme.

Inpatient Clinics

All interns should attend ward rounds. They will be asked to take history and perform physical examination under supervision of consulting staff. Interns are responsible for daily follow-up of hospitalized patients. All anthropometric evaluation must be checked regularly. If requested, laboratory tests and necessary papers should be completed. Prescription and drug dosage calculation must be performed. Pediatric interns will be assigned to specialized inpatient clinics where they may be given specific responsibilities. When possible, all clinical skills must be practiced under supervision of consulting staff like bone marrow aspiration, endotracheal intubation etc.

Journal Clubs and Academic Meetings:

All interns should attend weekly Academic Meetings, Wednesdays at noon. Clinical discussions and lecture presentations are provided by Academic Staff. All consulting staff and specialists are expected to attend the meeting. Each intern is required to perform an oral presentation during the Pediatric Internship programme. The subjects and/or articles will be provided by the consultant staff of the month. The Internship Director will announce the presentation schedule at the beginning of the course.

On-Call Duties in Emergency Out-patient Clinic:

All interns should be available during On-call duties and night shifts. They should perform all clinical skills under supervision of consulting staff.

In the next morning, interns are expected to verbally report their On-call duty experience to a staff physician.

USEFUL INFORMATION:

Programme Sites:

Acibadem University Atakent Hospital is the main venue for Pediatric Internship. With approval of both Internship Director and related Faculty Member, interns can rotate at Acibadem University Maslak Hospital for 2-4 weeks. The rotation plan will be organized on the first day of internship programme.

Pediatrics Internship Sites:

General Pediatrics and Well-baby out-patient clinics in Atakent Altunizade and Maslak Hospitals,
Neonatal ICUs in Acibadem Atakent, Acibadem Altunizade and Acibadem Maslak Hospitals,
Pediatric ICU in Acibadem Atakent and Acibadem Altunizade Hospitals,
Pediatric Emergency Unit in Acibadem Atakent Hospital.

Subspecialty out-patient Clinics:

Pediatric Allergy and Immunology in Acibadem Atakent, Acibadem Altunizade and Acibadem Maslak Hospitals,
Pediatric Cardiology in Acibadem Altunizade Hospital,
Pediatric Endocrinology in Acibadem Atakent and Acibadem Maslak Hospitals,
Pediatric Gastroenterology in Acibadem Atakent and Acibadem Maslak Hospitals,
Pediatric Genetics in Acibadem Maslak Hospital,
Pediatric Hematology and Oncology in Acibadem Altunizade Hospital,

Pediatric Infectious Disease in Acibadem Atakent and Acibadem Altunizade Hospitals,
Pediatric Nephrology in Acibadem Atakent Hospital,
Pediatric Neurology in Acibadem Altunizade Hospital.

PEDIATRIC INTERNSHIP OVERVIEW

The working schedules are subject to alterations based upon emergency conditions due to patient health-care issues and unforeseen academic duties. Another consulting staff will supervise the interns in case the consultant is not available in the hospital.

General view on weekly working schedules in Clinic Wards/Intensive Care Units

TIMETABLE					
	Monday	Tuesday	Wednesday	Thursday	Friday
08:00-09:00	Morning Briefs	Morning Briefs	Morning Briefs	Morning Briefs	Morning Briefs
09:00-12:00	Ward Rounds	Ward Rounds	Ward Rounds	Ward Rounds	Ward Rounds
12:00-13:00	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:00-16:30	Ward Rounds	Ward Rounds	Ward Rounds	Ward Rounds	Ward Rounds
16:30-17:00	Evening Briefs	Evening Briefs	Evening Briefs	Evening Briefs	Evening Briefs

Seminar	
Topic	
Date	
Supervisor	

Please add 3x2 print-out of the seminar power point/keynote file to this log- book.

TASK TABLE

Name/Surname:		Start Date:	End Date:
Task/Procedure	Patient Protocol No	Date	Responsible Instructor Signature

Responsibilities

- Acıbadem Medical School Internship Rules and Regulations Documents apply to all interns.
- Working hours in Pediatrics Department are between 08:30 and 17:00 during the weekdays.
- Working hours in Pediatrics Department will be arranged in accordance with overnight on-call system during weekends and national holidays.
- The emergency outpatient clinic, clinical wards and intensive care units are available for patient service for 24 hours-and-365 days.
- On-call physicians and interns will be providing patient care and information for the consulting staff physicians during weekends and national holidays.
- The attendance sheet will be available for interns between 08:00-08:30 and 16:30-17:00 during weekdays.
- The interns will have 2 different parts of education and training course during internship. Each course will last 2-4 weeks under the supervision of an academic staff and will primarily focus on clinical experience in out-patient clinics or hospital wards (majority being in intensive care-units).
- The consulting physicians will complete the internship assessment form after 4-weeks course based on evaluation of Clinical case management, Interaction with patient and community, Professionalism, Personal Professional attitude.
- Interns will provide their assessment forms filled out by their consultants and to the Internship Director of Pediatrics at the end of each month.
- The interns should comply with the safety and healthcare terms and rules of Units and consulting staff. Maximum care should be provided to keep the patient records unexposed with respect to confidentiality.
- Maximum care should be performed to comply with hygienic procedures to keep the patients germ-free not only in intensive care units but also in outpatient clinics.

Suggested Readings and Internet Resources

- Nelson Textbook of Pediatrics, 2-Volume Set, 21th Edition (2016).
- Report of the Committee on Infectious Disease. Red Book, 30th Edition (2015).
- <http://redbook.solutions.aap.org/redbook.aspx>.
- <http://www.cdc.gov/vaccines/schedules/index.html>
- <http://learnpediatrics.com/>
- <http://www.pedscases.com/>
- <http://pediatriceducation.org/>
- [http://www.medutv.uio.no/jbgttest/elaring/fag/barnesykdommer/ index.shtml](http://www.medutv.uio.no/jbgttest/elaring/fag/barnesykdommer/index.shtml)
- <http://pediatriccare.solutions.aap.org/Pediatric-Care.aspx>
- <http://pedclerk.bsd.uchicago.edu/page/genetics>

Clerkship

OBSTETRICS AND GYNECOLOGY

MED 604

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit 4	ECTS 4
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 4 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>IŞIL PAKIŞ M.D. Prof.</p> <p>Demet DİNÇ M.D., Instructor</p>	<p>Sevgi ŞAHİN M.D., Prof.</p> <p>Bilgi BACA M.D., Prof.</p> <p>Saygın ABALI MD. Assoc. Prof.</p>

Program Coordinators

Serkan ERKANLI
M.D., Prof.

Suat DEDE
M.D., Prof.

Emine KARABÜK
M.D., Assist. Prof.

Academic Units

OBSTETRICS AND GYNECOLOGY

Course Duration	4 Weeks
Educational Methods	Lectures, Clinical Skills Training, Ward rounds- outpatient clinics, On-call duties
Assessment Methods	Clinical Skills Assessment
Course Aims	<p>The purpose of this course is; to provide sixth year medical students necessary knowledge about etiology, clinical signs-symptoms, differential diagnosis and treatment of common obstetric and gynecologic problems and, emergencies.</p> <p>Interns are expected to; Actively participate in maternal and fetal monitoring during labor and learn dynamics of vaginal delivery. Realize how OB/GYN merges surgery, medicine, and primary preventive care into a single practice. Discuss how overall mental and physical health interacts with reproductive function Gain comfort in taking an appropriate OB/GYN history and performing pelvic examination. Introduce the principles of surgery related to women's health</p>
Learning Outcomes	<p>At the end of this internship program students will be able to;</p> <ul style="list-style-type: none"> • Demonstrate the ability to perform a thorough Ob/ Gyn history, including menstrual history, obstetric history, gynecologic history, contraceptive history and sexual history. • Demonstrate the ability to perform a gynecologic examination (Speculum/bimanual) • Demonstrate the ability to perform an obstetric exam • Demonstrate the ability to perform Pap smear. • Demonstrate the ability to interpret electronic fetal monitoring. • Demonstrate the ability to provide contraceptive counseling • Demonstrate the ability to communicate the results of the OB/GYN history and physical examination by well-organized written notes and oral reports. • Demonstrate the ability to formulate a differential diagnosis of the acute abdomen including ectopic pregnancy • Demonstrate the ability to describe the etiology and work up for infertility • Demonstrate the ability to describe gynecologic malignancies including risk factors, signs and symptoms and initial evaluation of abnormal Pap smear, Postmenopausal bleeding, and adnexal mass/cyst • To have basic knowledge about antenatal and postpartum follow-up, determination of obstetric risk factors, management of obstetric hemorrhage principles. Demonstrate the ability to develop hypotheses, diagnostic strategies and management plans in the evaluation of antepartum, intrapartum and postpartum patients. • Demonstrate the ability to develop hypotheses, diagnostic strategies and management plans in the evaluation of patients with gynecologic problems, including routine postoperative care following gynecologic surgery. • Follow and assist 5 vaginal deliveries and appreciate dynamics of delivery.

Educational Methods	Case Discussions, Paper presentation and discussion, Bed side training, Assisting deliveries, Gowning for surgeries, Labor and delivery 24 hour calls (5 calls/month), Practice in operating and delivery room, Shadowing an attending for daily activities (outpatient clinic, surgeries and postoperative visits)
Assessment Methods	Failure to sign in will be interpreted as absence; 20 % absence requires repeating the course, Attendance to clinics and compliance, Competency in Patient care, Case Presentations Paper/Lecture presentations, Attitude during rounds are measured.

COMPULSORY TASKS DURING THE INTERNSHIP

Journal Clubs and seminars:

Each attendent of internship program should participate weekly journal clubs or seminar by Obstetrics and Gynecology Department. Time period is variable due to different hospital facilities. In the beginning of internship programe, this information will be provided.

Inpatient Clinics

Clinical studies in the inpatient clinics starts at 8:00 A.M. Inpatient clinic group divided to two team. One team for patient care, one team for operation room. Clinical skill development and interventions should be done under supervision of clinical staff or mentor. All clinical records

Outpatient clinics etc...

Log bbok about clinical skills should be completed during obstetrics and gynecology internship and presented to supervisor at the and of obstetrics and gynecology internship.

USEFUL INFORMATION:

Training Sites:

Acibadem Atakent Hospital (ATAK)

Acibadem Maslak Hospital (MAS)

Responsibilities:

- Working hours in Obstetrics and Gynecology Department are between 08:00 and 17:00 during the weekdays.
- Working hours in Obstetrics and Gynecology Department will be arranged in weekends
- The emergency outpatient clinic, clinical wards and intensive care units are available for patient service for 24 hours-and-365 days.
- On-call physicians and interns will be providing patient care and information for the consulting staff physicians during weekends and national holidays.

- The signature sheet will be available for interns between 08:00- 08:30 and 16:30-17:00 during weekdays.
- The internship program for Obstetrics and Gynecology Department consists of 4 weeks in 2 different periods. The interns will have 2 different parts of education and training course during internship. First course will last 3 weeks under the supervision of an academic staff and will primarily focus on clinical experience in out-patient clinics or hospitalized patients. Second course will be last 1 weeks of internship and determined by director of obstetrics and gynecology department.
- The consulting physicians will complete the internship assessment form after 4-weeks course based on evaluation of clinical case management, interaction with patient and community, professionalism, personal professional attitude.
- Interns will provide their assessment forms fulfilled by their consultants and deliver to Inter İnternship Director of Obstetrics and Gynecology Department at the end of 4-weeks course.
- The interns who cannot obtain sufficient marks from assessing consultants will fail and repeat the course. Sufficient means that he/she performed at least 60% of the above-mentioned performance.
- The interns should comply with the terms and rules of the Obstetrics and Gynecology Department, consulting staff, and the special requirements asked by the clinical wards. Maximum care should be performed in order to keep the patient records unexposed.
- Interns with absenteeism without a solid excuse, particularly documented, and/or permission of consulting staff will have compensation on-call duties. Absenteeism more than legal limit will cause the renewal of the course program.
- Maximum care should be performed to comply with hygienic procedures to keep the patients germ-free not only in intensive care units but also in outpatient clinics.

TIMETABLE

WEEK/DAY	Monday	Tuesday	Wednesday	Thursday	Friday
1	Operating Room	Operating Room	Operating Room	Operating Room	Operating Room
2	Outpatient Clinics	Outpatient Clinics	Outpatient Clinics	Outpatient Clinics	Outpatient Clinics
3	Ward	Ward	Ward	Ward	Ward
4	Night Shift	Night Shift	Night Shift	Night Shift	Night Shift

Task/Procedure	Patient Protocol No	Date	Responsible Instructor Signature

Clerkship

PSYCHIATRY

MED 605

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit 3	ECTS 3
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 3 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Işıl PAKIŞ M.D. Prof.</p> <p>Demet DİNÇ M.D., Instructor</p>	<p>Sevgi ŞAHİN M.D., Prof.</p> <p>Bilgi BACA M.D., Prof.</p> <p>Saygın ABALI MD. Assoc. Prof.</p>

Program Coordinators

Barış SANCAK
M.D., Assist. Prof.

Academic Units

PSYCHIATRY

Course Duration	<p>3 Weeks</p> <p>This period will be spent as an observer in the psychiatry outpatient clinic of the hospital. Each student will work actively in the outpatient clinic for at least 2 days. Other days, they will accompany the consultation and evaluation of emergency cases.</p>
Educational Methods	<ul style="list-style-type: none"> • Case presentations and discussions • Thematic meetings • Attendance at Outpatient clinics and observation Taking History and performing Mental State Examination of patients seen at the Emergency Department, Outpatient • Clinic or on medical/surgical wards as part of the concept of Liaison Psychiatry
Assessment Methods	<ul style="list-style-type: none"> • Present a case which should include description of symptoms and mental state features, etiological factors, • medical/legal/family/substance use history, differential diagnoses, a plan of management, assessment of prognosis and risk assessment. • Present a recently published research article in the field of Psychiatry improving your knowledge of statistics and methodology in medical research (voluntarily).
Course Aims	<p>The interns should aim to improve their skills of actively incorporating any mental health issues that they will come across in their clinical practice. They should be able to diagnose and treat simple psychiatric cases (such as depressive disorder, anxiety disorders) at a primary care level and make referrals to secondary care accordingly. Furthermore, they should be able to make a risk assessment for each patient (including psychiatric emergencies such as risk of suicide/homicide).</p>
Learning Outcomes	<ul style="list-style-type: none"> • Describe the clinical presentation of common psychiatric disorders and summarize the major categories of psychiatric disorders, using ICD-10/ DSM 5. • Describe the pharmacological, psychological and other (e.g. ECT) treatment options for psychiatric patients, including the indications, method of actions and side effects. • Describe what may constitute risk to self-suicide, self-harm, high risk behavior) and risk to and from others and can conduct a risk assessment. • Take a full psychiatric history and carry out a mental state examination. • Understand principles of immediate care in psychiatric emergencies which may occur in A&E and general medical settings.

COMPULSORY TASKS DURING THE INTERNSHIP

Students will attend the “Psychiatric interview techniques and psychiatric emergencies” presentation at the beginning of the internship.

Each student will spend at least 2 full days in the psychiatry outpatient clinic as an observer with a professor. Students will express their opinions about the examination, diagnosis process and treatment of these cases and the discussion will take place. Students will take an active role in the psychiatric consultations of inpatients and in the evaluation of emergency psychiatric cases.

Each student will prepare a presentation on the diagnosis and treatment of one of the primary psychiatric disorders from DSM-V (mood disorders, psychotic disorders, anxiety disorders) and present it to his professor and conduct a discussion.

At the end of the internship, each student will prepare a report on one of the patients. In this report, the student will discuss the patient's complaints, anamnesis details, differential diagnosis, and current treatment with reference to the literature (between 3 to 5 articles).

USEFUL INFORMATION:

Training Sites:

Acibadem Atakent Hospital (ATAK)

Acibadem Maslak Hospital (MAS)

Responsibilities:

- Working hours in the attended Departments usually are between 08:30 and 17:00 during the weekdays.
- The supervisor will complete the internship assessment form after the course based on evaluation of Clinical case management, Interaction with patient and community, Professionalism, Personal Professional attitude.
- Interns will deliver their assessment forms completed by their field trainer to the Intern Internship Coordinator at the end of the internship period.
- The interns who cannot obtain sufficient evaluation will fail and repeat the course.
- The interns should comply with the terms and rules of the visited departments-units, consulting staff, and the special requirements asked for by the clinicians-field trainers. Maximum care should be performed in order to keep the patient records unexposed.
- Interns with absence without a solid excuse, particularly documented, and/or permission of consulting staff will have compensation on-call duties. Absence more than legal limit will lead to repetition of the course program.

WATCH OUT FOR FOLLOWING:

Behave according to ethical and legal principles.

- Act in a safe way towards patients. Understand the potential to do psychological harm to patients by providing untrained/unsupervised psychotherapeutic interventions and fostering inappropriate doctor-patient attachments.
- View psychiatric patients as being deserving of the same high standard medical care as patients with other medical conditions.
- Respect privacy/confidentiality rules designed by the relevant institute
- Organize a timetable amongst your group and come in pairs to attend Outpatient Clinics.

Task Table

Date	Unit/Task	Signature of consulting doctor
	ATAK/MAS Observership	
	DSM-V Diagnosis Presentation	
	Case Presentation	

Clerkship

COMMUNITY HEALTH AND PRIMARY CARE

MED 606

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit 8	ECTS 10
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 8 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators	
<p>Işıl PAKİŞ M.D. Prof.</p> <p>Demet DİNÇ M.D., Instructor</p>	<p>Sevgi ŞAHİN M.D., Prof.</p> <p>Bilgi BACA M.D., Prof.</p> <p>Saygın ABALI MD. Assoc. Prof.</p>	
Program Coordinators		
<p>Pınar TOPSEVER M.D., Prof</p> <p>Yeşim YASİN Ph.D., Assoc. Prof.</p>		
Academic Units & Staff		
<p>PUBLIC HEALTH:</p> <p>Figen DEMİR M.D., Assoc. Prof.</p> <p>Yeşim YASİN PhD, Assoc. Prof.</p>	<p>FAMILY MEDICINE:</p> <p>Pınar TOPSEVER M.D., Prof.</p> <p>Demet DİNÇ M.D., Instructor</p>	<p>FORENSIC MEDICINE</p> <p>Işıl PAKİŞ MD, Prof.</p> <p>Kaan Apak ALTINTOP LL.M, Affiliated Faculty</p>

Course Duration	8 Weeks
Educational Methods	<ul style="list-style-type: none"> • Practice in Family Health Centers (Aile Sağlığı Merkezleri) and District Health Directorates (İlçe Sağlık Müdürlükleri) and as well as other community-based primary care institutions, e.g. hospice and home-care institutions, migrant health clinics (Göçmen Sağlığı Merkezleri), anti-TB clinics (Verem Savaş Dispanserleri), elderly homes. • Observation of patient journey and care trajectories through case analyses and discussions, critical event analyses • Structured tutor feed-back sessions • Reflection sessions, peer education • Site visits • Seminars • Journal clubs • Health promotion project presentations
Assessment Methods	<ul style="list-style-type: none"> • Performance assessment via; • Assessment of student presentations (journal club, seminar and health promotion projects) • Active attendance as outlined in the log book.
Course Aims	This community-based medical education program aims to provide an experiential learning and training environment for practice in primary health care institutions mentioned above. The overall goal is to consolidate knowledge and skills* regarding basic principles of community health and primary and preventive care, as well as the practice of family medicine.
Learning Outcomes	<p>At the end of this program, interns will be able to:</p> <ul style="list-style-type: none"> • Manage first contacts with patients, dealing with unselected problems, • Co-ordinate care with other healthcare professionals, • Act as an advocate for the patient within the social security and health care system, • Understand the financial and legal frameworks in which health care is given at primary care level, • Adopt a person-centered approach in dealing with patients and problems in the context of the patient's circumstances, • Communicate, set priorities and act in partnership, • Value the benefit of continuity of care as determined by the needs of the patient, • Accept and manage complexity in clinical and ethical decision-making, • Relate specific decision-making processes to the prevalence and incidence of illness in the community, • Selectively gather and interpret information from history-taking, physical examination, and investigations and apply it to an appropriate management plan in collaboration with the patient, • Observe the effectiveness of certain clinical working principles. e.g. incremental investigation, using time as a tool (watchful waiting-WW) and to tolerate uncertainty, • Intervene urgently when necessary, • Manage conditions which may present early and in an undifferentiated way, • Manage simultaneously multiple complaints and pathologies, both acute and chronic health problems in the individual, • Promote health and well-being by applying health promotion and disease prevention strategies appropriately,

Learning Outcomes

- Reconcile the health needs of individual patients and the health needs of the community in which they live in balance with available resources,
- Analyze and discuss the impact of the local community, including socio-economic factors, geography and culture on health, the workplace and patient care,
- Use a bio-psycho-social model taking into account cultural and existential dimensions,
- Investigate and design a strategy to control outbreaks-epidemics,
- Calculate, interpret and use health indicators,
- Observe and discuss services delivered by District Health Directorates (İlçe Sağlık Müdürlükleri-İSM),
- Appraise the impact of policies, laws, and legislation on both, individual and population health,
- Explain and practice the Expanded Program on Immunization (EPI),
- Define target groups of the EPI and also adulthood vaccination,
- Calculate immunization rates, vaccination coverage and vaccine needs,
- Discuss cold chain and its importance,
- Apply the basic principles of communicable disease control in community settings,
- Name health promotion and prevention programs implemented by the Ministry of Health,
- Evaluate the characteristics of the current health system at primary level health services,
- Identify the environmental and occupational hazards, discuss their role in health and name control strategies,
- Explain effects of migration on health,
- Explain how to take a water sample and interpret analysis results,
- Explain how to plan health care services in disaster conditions/health emergencies,
- Name and explain mode of action of modern family planning methods,
- Counsel individuals for an informed choice regarding their reproductive health,
- Educate communities for adopting a healthy life style,
- Define commonly used terms in LGBTI+ health, describe major health problems and identify barriers to access to healthcare and treatment for LGBTI+ communities,
- Manage forensic cases in primary health care

** patient-centered clinical consultation skills, clinical, scientific and ethical reasoning, application of appropriate scientific methodology to conduct research in the community-primary care, critical appraisal of the literature, presentation skills, effective communication with colleagues and the community, professional conduct.*

COMPULSORY TASKS DURING THE PROGRAM

1) Attendance to Seminars, Journal Clubs, Clinical Practice and Workshops in Public Health-Family Medicine:

Attendance to all training activities is a main performance criterion of the internship. Attendance to all seminars and journal clubs, as well as to the practice rotations, site visits and the District Health Directorate and Family Health Center clinical clerkships is mandatory.

2) Outpatient Clinic in a Family Health Unit supervised by a Family Physician (Aile Sağlığı Birimi, Aile Hekimi):

Beginning in the 3rd week of the internship, interns will start consulting at a family health unit outpatient clinic under the supervision of a family physician (field trainer), on average 4 days a week. This part of the internship will primarily focus on clinical experience in general practice out-patient care. Interns have to comply with local working regulations as outlined by the responsible field trainer and are responsible for returning their attendance sheets signed daily by the field trainer to the faculty in charge.

3) Site Visits:

Daily site visits to the institutions mentioned below are organized. Interns are required to present at the visited venue, detailed information on the program is provided in due course.

- a. District Health Directorate (İlçe Sağlık Müdürlüğü)
- b. Istanbul Medical Chamber (İstanbul Tabip Odası, İTO)

4) Practice Rotations:

To observe and experience the practice of community-based health services for vulnerable groups, the interns visit various primary health care institutions mentioned below in small groups.

- a. Hospice, Chronic and Home Care Facility (ALife)
- b. Anti-Tuberculosis Clinic (Verem Savaş Dispanseri)
- c. Migrant Health Center (Göçmen Sağlığı Merkezi)

5) Health Promotion Project for the Community; Aim and Infrastructure:

The aim of this task is to identify and investigate a significant problem within the community, based on observations during the internship. When planning the health promotion project, the interns shall experience the benefit of scientific and analytical thinking to define, better understand, and possibly resolve significant health/health care infrastructure problems in the community.

Subject:

The subject of the health promotion projects should arise from a significant problem within the local community where the interns conduct their practices in primary care.

Tasks and Timetable:

Interns are required to form their working groups (WGs) of 2-3 interns each. The final project proposals are to be presented by the WGs at the end of the internship.

The project proposals are required to be;

- shared by oral presentations by the WGs to the whole group and the faculty,
- turned in as written reports to the faculty if asked for.

6) Journal Clubs and Seminars:

Journal clubs and seminars are run by the interns each week. In the first week, interns are assigned seminar topics and/or research study designs. Interns who are assigned to run a journal club have to choose an article from a selection of relevant primary care journals, the list of which is provided in the first week. Journal clubs are critical appraisal sessions of articles, presented by an intern followed by group discussion.

7) Attendance:

Attendance to all seminars (faculty and intern seminars), workshops and journal clubs – as to all activities of the clerkship! – is mandatory.

USEFUL INFORMATION:

Training Sites:

Family Health Units- Centers and District Health Directorates:

All Family Health Centers and District Health Directorates attended by the interns are based in the districts of Ümraniye or Küçükçekmece in Istanbul, which are the primary health care research and training regions of ACU SoM as per protocol between Acibadem University and the Local Authorities. Interns will be asked to choose one of the assigned protocol regions and will be informed about their training sites in due course.

Journal Club and Seminar Topics:

Subjects for discussion during lectures, seminars and practice are provided to all students in the first week.

Responsibilities:

- 1) Working hours in the attended health institutions usually are between 08:30 and 17:00 during the weekdays.
- 2) Working hours in the Family Health Units-Family Health Centers will be communicated by field trainers- faculty in charge.
- 3) The consulting family physicians (field trainers) will complete the internship assessment form at the end of the internship based on evaluation of clinical case management, interaction with patients and community, professionalism and attitude.
- 4) Interns will deliver their assessment forms completed by their field trainer to the Intern Clerkship Coordinator at the end of the internship period.
- 5) The interns who cannot obtain sufficient evaluation will fail and repeat the course.
- 6) The interns should comply with the terms and rules of the visited departments-units, consulting staff and the special requirements asked for by the clinicians-field trainers. Maximum care should be performed in order to keep the patient records unexposed.
- 7) Interns with absenteeism without a valid excuse as defined by regulations, without documentation and/or permission of consulting staff will have compensation on-call duties. Absenteeism over the legal limit will cause a necessity to repeat the internship.
- 8) Maximum care should be performed to comply with hygienic procedures.

TIMETABLE

WEEK/DAY	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	Orientation Seminars (faculty)	Seminars	Seminars	Seminars	Seminar Journal Club
Week 2	Seminar Journal Club	Seminars	Seminars	Seminars	Seminars
Week 3	Seminar Journal Club	Site visit: District Health Directorate	Site visit: Istanbul Medical Chamber	Clinical Practice Rotations	Clinical Practice Rotations
Week 4	Seminar Journal Club	Clinical Practice Rotations	Clinical Practice Rotations	Clinical Practice Rotations	Clinical Practice Rotations
Week 5	Seminar Journal Club	Clinical Practice Rotations	Anti-TB Clinic	Clinical Practice Rotations	Clinical Practice Rotations
Week 6	Seminar Journal Club	Clinical Practice Rotations	ALife	Clinical Practice Rotations	Clinical Practice Rotations
Week 7	Seminar Journal Club	Clinical Practice Rotations	Clinical Practice Rotations	Clinical Practice Rotations	Clinical Practice Rotations
Week 8	WGs Project Proposal Preparation	WGs Project Proposal Preparation	WGs Project Proposal Preparation	Project Presentations	Project Presentations

Abbreviations:

ASM: Aile Sağlığı Merkezi
 İSM: İlçe Sağlık Müdürlüğü
 FHC: Family Health Center
 İTO: İstanbul Tabip Odası
 PHC: Primary Health Care
 VSD: Verem Savaş Dispanseri
 GSM: Göçmen Sağlığı Merkezi

TASK TABLE

Name/Surname:	Start Date:	End Date:
Task/Procedure	Date	Responsible Instructor Signature
Health education and counseling (e.g. for breastfeeding, safe motherhood, healthy lifestyle)		
Patient-centered clinical consultation (incl. history taking and physical examination)		
Managing a clinical case in primary care (e.g. unselected patients, watchful waiting, rational use of screening or diagnostic tests, rational prescribing)		
Drawing and interpreting a population pyramid		

Drawing and interpreting an epidemic curve		
Reproductive health counseling		
Well-child follow-up (e.g. growth and thriving interpreted by charts, immunization schedule)		

Drawing and interpreting an epidemic curve		
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Plan and present a health promotion project (group task)		
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SUGGESTED READING:

1. Halk Sağlığı Temel Bilgiler. Prof. Dr. Çağatay Güler, Prof Dr. Levent Akın. Hacettepe Üniversitesi Yayınları, 2012.
2. Türkiye Nüfus ve Sağlık Araştırması Raporu, 2018. Hacettepe Nüfus Etütleri Enstitüsü
3. <https://hsgm.saglik.gov.tr/tr/>
4. <http://sbu.saglik.gov.tr/Ekutuphane/YayinTur/Kitap>
5. WONCA Avrupa Aile Hekimliği-Genel Pratisyenlik Tanımı [http:// www.tahud.org.tr/medya/kitaplar/aile-hekimligi-avrupa-tanimi/9](http://www.tahud.org.tr/medya/kitaplar/aile-hekimligi-avrupa-tanimi/9)
6. Aile Hekimliği Uygulama Yönetmeliği 2015. <http://ailehekimligi.gov.tr/genel-mevzuat/yoenetmelikler/4058-aile-hekimlii-uygulama-yoenetmelii.html>
7. T.C. S.B. Aile Hekimliği Uygulamasında Önerilen Periyodik Sağlık Muayeneleri Ve Tarama Testleri 2015. https://hsgm.saglik.gov.tr/depo/birimler/Toplum_Sagligi_Hizmetleri_ve_Egitim_Db/Dokumanlar/rehberler/psm_2019.pdf
8. T.C. S.B. Birinci Basamağa Yönelik Tanı Tedavi Rehberleri 2012. http://gaheder.org/upload/dosyalar/tani_tedavi_rehberi_2.pdf
9. Green L.A. et al. The Ecology of Medical Care revisited. N Engl J Med, Vol. 344, No. 26 June 28, 2001. <http://historical.hsl.virginia.edu/kerr/pdf/Ecology%20of%20Med%20Care%20Revisited.pdf>
10. Starfield B. Primary Care and Equity in Health the Importance to Effectiveness and Equity of Responsiveness to Peoples's Needs. Humanity&Society, 2009, Vol. 33. http://www.jhsph.edu/research/centers-and-institutes/johns-hopkins-primary-care-policy-center/Publications_PDFs/A243.pdf
11. Starfield B. et al. Contribution of Primary Care to Health Systems and Health. The Milbank Quarterly, 2003, Volume 83. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2690145/pdf/milq0083-0457.pdf>
12. RCGP. Medical Generalism: Impact Report. May 2013 <http://www.rcgp.org.uk/policy/rcgp-policy-areas/~media/Files/Policy/A-Z-policy/Medical-Generalism-Impact-Report-March-2013.ashx>
13. RCGP. Medical Generalism: Why expertise in whole person medicine matters. June 2012 http://www.rcgp.org.uk/policy/rcgp-policy-areas/~media/Files/Policy/A-Z-policy/Medical-Generalism-Why_expertise_in_whole_person_medicine_matters.ashx
14. Hummers-Pradier E, et al., Research Agenda for General Practice /Family Medicine and Primary Health Care in Europe, EGPRN, Maastricht 2009. http://www.egprn.org/files/userfiles/file/research_agenda_for_general_practice_family_medicine.pdf
15. Kringos D. et al. Building Primary Care in a changing Europe. European Observatory on Health Care Systems. http://www.euro.who.int/__data/assets/pdf_file/0011/277940/Building-primary-care-changing-Europe-case-studies.pdf?ua=1

Clerkship

EMERGENCY MEDICINE

MED 607

Educational Language

English (Practical sessions will be conducted in Turkish)

Course Type

Compulsory

Credit

ECTS

Course Level

Undergraduate

8

10

Year / Duration

Year VI / 8 weeks

**Phase II/III
Coordinators**

Işıl PAKİŞ
M.D. Prof.
Demet DİNÇ
M.D., Instructor

**Phase II/III
Clinical Education Coordinators**

Sevgi ŞAHİN
M.D., Prof.
Bilgi BACA
M.D., Prof.
Saygın ABALI
MD. Assoc. Prof.

Program Coordinators

Cem GÜN
M.D., Assoc. Prof.
Hasan ALDİNÇ
M.D., Assoc. Prof.
Kamil KAYAYURT
MD.

Academic Units

EMERGENCY MEDICINE

<p>Educational Methods</p>	<p>Clinical Skills Training.</p> <ul style="list-style-type: none"> • CASE Simulation boot camp • Program content • 1st day; Altered Mental Status Management • 2nd day; Multiple Trauma Management • Focused Assessment with Sonography for Trauma (FAST) Lecture and practice with simulator • 3rd day; Chest Pain Management, Dyspnea Management • 4th day; Abdominal Pain Management • 5th day; Busy Day in the ED <p>Chaos of the ED is created by standardized patients and simulators. In the first 3 days of theme-based simulation sessions, instructors play the role of patient’s relatives to increase the stress factor of the situation. In the last 2 days, standardized patients are created by real actors and instructors and high- fidelity simulators are used together to improve communication skills and for crisis resource management training. To enhance the realism, real hospital documentation and laboratory tests are used, such as electrocardiogram, computed tomography and ultrasonography. For crisis resource management training, breaking bad news to agitated patient’s relatives added to the scenarios at busy ED. Attend of the each simulation session, debriefings are performed by watching the recorded videos. According to their technical and nontechnical skills, participants are evaluated.</p> <p>Case Discussions (ECG, X-ray reading) Blended learning Flipped classroom Online meetings https://iem-student.org/2018-edition/download-2018-book/ Bed Side Training Department Lecture Day on Tuesdays Student presentations</p>
<p>Assessment Methods</p>	<p>Performance assessment via;</p> <ul style="list-style-type: none"> • Portfolio; comprehensive case presentations and reports assessment of student presentations (journal club, seminar and bed side visit) active attendance as outlined in the log book. • Patient reports recorded by students (Approach to clinical management for cardinal symptoms (Chest pain, abdominal pain, shortness of breath, trauma, vaginal bleeding, orthopedic injuries) • Attendance to clinics and compliance, • Midrotation meeting practice-based tutor feed-back to identify strengths and opportunities <p>Students are evaluated by staff attending emergency physicians with whom they have worked during the period. Criteria utilized to evaluate a student’s performance include the following: Patient care, medical knowledge, interpersonal and communication skills, professionalism.</p>
<p>Course Aims</p>	<ul style="list-style-type: none"> • To provide the student with the opportunity to gain experience in assessing a wide range of clinical problems seen in a teaching hospital emergency department (ED); • To improve student’s; <ul style="list-style-type: none"> • Ability to take an accurate and concise history and physical exam in the undifferentiated patient; Undifferentiated emergency patients present with symptoms, not diagnoses. • Ability to generate a comprehensive differential diagnosis ability to consider the worst possible (life- threatening) conditions first. • Ability to develop a differential diagnosis, investigation plan, treatment, and disposition of the undifferentiated patient; technical skills in providing patient care in the ED. communication, collaboration, and Professional skills required for patient care in the ED.

<p>Learning Outcomes</p>	<p>At the end of this program, interns will be able to:</p> <ul style="list-style-type: none"> • Consider the worst possible (life- threatening) conditions first. • Take an accurate and concise history and physical exam in the undifferentiated patient. • Generate a comprehensive differential diagnosis in ED. • Have technical skills in providing patient care in the ED. (e.g., CPR, intubation, defibrillation) • Have communication, collaboration, and Professional skills required for patient care in the ED. • Have an adequate skill of decision making on patient discharge and writing prescription.
<p>Assessment Methods</p>	<p>Failure to sign in will be interpreted as absence; 20 % absence requires repeating the course, Attendance to clinics and compliance, Competency in Patient care, Case Presentations Paper/Lecture presentations, Attitude during rounds are measured.</p>

COMPULSORY TASKS DURING THE INTERNSHIP

- 1. Attendance to CASE Boot Camp in Emergency Medicine:**
The first week of the internship entail a program of boot camp with theoretical and practical emphasis for orientation and preparation purposes.
- 2. Emergency Department supervised by an Attending Emergency Physician:**
Beginning in the 2nd week of the internship, students will start consulting at an emergency department under the supervision of a attending emergency physician. This part of the internship will primarily focus on clinical experience in emergency medical care. Students have to comply with local working regulations as outlined by the responsible physician and are responsible returning their attendance sheets* to the faculty in charge (*signed daily by the responsible physician).
- 3. Journal Clubs and Seminars:**
Journal clubs and seminars are run by interns and faculty on Tuesdays, each week. Journal clubs are critical appraisal sessions of articles, presented by a student or faculty member followed by group discussion.
- 4. Attendance:**
Attendance to CASE Boot Camp and all seminars (faculty and student seminars), workshops and journal clubs – as to all activities of the internship is mandatory.

USEFUL INFORMATION:

Training Sites:

- Acıbadem Atakent Hospital, (ATAK)
- Acıbadem Mehmet Ali Aydınlar University – CASE
- Acıbadem Maslak Hospital, (MAS)
- Acıbadem Altunizade Hospital, (ATZ)

Responsibilities:

- Working with two shifts in Emergency Department are 08:00am – 17:00pm and 17:00 pm – 08:00am during the weekdays.
- Boot camp days start at 09:00 am in CASE.
- The signature sheet will be available for interns between 08:00am - 08:30am and 17:00pm-17:30 pm during weekdays.
- The internship program for Emergency Department consists of 8 weeks in 4 different periods.
- The interns will work under the supervision of an academic staff and will primarily focus on clinical experience in emergency department.
- The consulting physicians will complete the internship assessment form after 4-weeks course based on evaluation of Clinical case management, Interaction with patient and community, professionalism, personal professional attitude.
- Interns will provide their assessment forms fulfilled by their consultants and deliver to Intern Internship Director at the end of each 4-weeks course.
- The interns who cannot obtain sufficient marks from assessing consultants will fail and repeat the course. Sufficient means that he/she performed at least 60% of the above-mentioned performance.
- The interns should comply with the terms and rules of the Emergency Department, consulting staff, and the special requirements asked by the clinical wards. Maximum care should be performed in order to keep the patient records unexposed.
- Interns with absenteeism without a solid excuse, particularly documented, and/or permission of consulting staff will have compensation on-call duties. Absenteeism more than legal limit will cause the renewal of the course program.
- Maximum care should be performed to comply with hygienic procedures to keep the patients germ-free not only in intensive care units but also in outpatient clinics.

TIMETABLE

WEEK	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	CASE	CASE	CASE	CASE	CASE
Week 2	E. DEPARTMENT	J. CLUB / SEMINER	E. DEPARTMENT	E. DEPARTMENT	E. DEPARTMENT
Week 3	E. DEPARTMENT	J. CLUB / SEMINER	E. DEPARTMENT	E. DEPARTMENT	E. DEPARTMENT
Week 4	E. DEPARTMENT	J. CLUB / SEMINER	E. DEPARTMENT	E. DEPARTMENT	MIDROTATION MEETING
Week 5	E. DEPARTMENT	J. CLUB / SEMINER	E. DEPARTMENT	E. DEPARTMENT	E. DEPARTMENT
Week 6	E. DEPARTMENT	J. CLUB / SEMINER	E. DEPARTMENT	E. DEPARTMENT	E. DEPARTMENT
Week 7	E. DEPARTMENT	J. CLUB / SEMINER	E. DEPARTMENT	E. DEPARTMENT	E. DEPARTMENT
Week 8	E. DEPARTMENT	J. CLUB / SEMINER	E. DEPARTMENT	E. DEPARTMENT	E. DEPARTMENT

TASK TABLE

TASK TABLE			
Name/Surname:		Start Date:	End Date:
A1: Should perform, learn, master and interpret A2: Watching and contribution will be enough		Teaching Staff	
Task/Procedure	Patient Protocol No	Date	Responsible Instructor Signature
EKG Practice and Interpretation (A1)			
Taking of Arterial Blood Gas Sample (A1)			
Peripheral Intravenous Catheter Insertion and Taking Blood Sample (A1)			
Basic and Advanced Life Support Practice (A1- Simulation included)			

Task/Procedure	Patient Protocol No	Date	Responsible Instructor
Oropharyngeal Bag-Valve-Mask and Airway Practice (A1-Simulation included)			
Defibrillation and Cardioversion Practice (A1- Simulation included)			
Trauma Backboard and Cervical Collar Practice (A1- Simulation included)			
Evaluating Trauma Patient (A1- Simulation included)			

Task/Procedure	Patient Protocol No	Date	Responsible Instructor
Nasogastric Tube Placement (A2)			
Bladder Catheter Insertion (A1)			
IM Injection Practice (A1)			
Wound Dressing and Care (A1)			
Prescribing(A1)			

Task/Procedure	Patient Protocol No	Date	Responsible Instructor Signature
Radiographic Interpretation(A1)			
Nebulized inhaler and Oxygen Treatment Practice (A1)			
Intubation (A2-Simulation included)			
Fracture - Dislocation Reduction (A2)			
Orthopedic Cast-Splinting Practice (A2)			
Focused Assesment with Sonography for Trauma (FAST) Practice (A2)			

SUGGESTED READING:

You will have online books and sources in ACU Learning Medical Space MED 607

- Tintinalli's Emergency Medicine: A Comprehensive Study Guide, 9th edition 2020.
- <https://emergencymedicinecases.com/>
- <http://www.ebooksz.com/2015/09/03/download-rosens-emergency-medicine-concepts-and-clinical-practicev-8th-edition/>
- <http://www.acilci.net/category/teknik-kategori/yazi-serisi/litfl-ekg-kutuphanesi/>
- <http://www.torrentmobz.com/ebooks/43526-goldfranks-toxicologic-emergencies-10-e-goldfranks-toxicologic-emergencies.html>
- http://emedicine.medscape.com/emergency_medicine
- <http://www.acilci.net/category/teknik-kategori/akademik/kilavuzlar/>
- <http://tarascon-emergency-medicine.soft112.com/>
- <http://www.aciltip.org/Hbrk-1-Girisimse1-40.html>
- Textbook of Pediatric Emergency Medicine https://books.google.com.tr/books/about/Textbook_of_Pediatric_Emergency_Medicine.html?id=a7CqcE1ZrFkC&redir_esc=y
- <http://www.aazea.com/book/trauma-a-comprehensive-emergency-medicine-approach/>
- <http://accessemergencymedicine.mhmedical.com/book.aspx?bookID=385>
- <https://iem-student.org/2018-edition/download-2018-book/>

Clerkship

SIMULATED CLINICAL PRACTICE

MED 608

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit 1	ECTS 1
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 1 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Işıl PAKİŞ M.D. Prof.</p> <p>Demet DİNÇ M.D., Instructor</p>	<p>Sevgi ŞAHİN M.D., Prof.</p> <p>Bilgi BACA M.D., Prof.</p> <p>Saygın ABALI MD. Assoc. Prof.</p>

Program Coordinators

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof.

Academic Units

CASE (Center of Advanced Medical Simulation and Education)

Course Duration	1 Week
Educational Methods	E- Learning modules for theoretic sessions Clinical Skills Practice on task trainers Simulation sessions with high-fidelity manikins and virtual patients in virtual hospital set-up Debriefing
Assessment Methods	<ul style="list-style-type: none"> • Tutorial feed-back to students about their performances on simulated difficult clinical situations • Reflection and formative assessment
Course Aims	<p>This program aims to;</p> <ul style="list-style-type: none"> • Improve clinical skills for the management of unstable patients, multi-trauma patients and cardiopulmonary arrest in a safe environment, • Improve non-technical skills for teamwork and crisis resource management bring in experience by practicing on high fidelity manikins in real -like hospital set-up for management of clinical problems they will encounter frequently in real clinical conditions.
Learning Outcomes	<p>At the end of this program, interns will be able to: <i>State diagnostic and therapeutic approach to;</i></p> <ul style="list-style-type: none"> • Cardiopulmonary arrest (adult & pediatric), • Multi-trauma patients, • Unstable patients (ABCDE approach), <p>Manage Crisis Situations:</p> <ul style="list-style-type: none"> • Teamwork, • Collaboration, • Communication, • Leadership, <p>Perform Technical Skills for Providing Unstable Patient Care:</p> <ul style="list-style-type: none"> • Advanced airway management, • Defibrillation, • Needle decompression, • Cricothyrotomy, • Collar placement, • Control of active bleeding, • Iv and IO catheterization.

COMPULSORY TASKS DURING THE PROGRAM

Attendance to:

Skills lab:

Students have to perform the skills under the supervision of educators

Simulation sessions:

Students have to attend all simulation sessions. Everyday regarding to the daily program students perform at different simulated clinical situations. Performances are recorded and at the end of each session educators give feedbacks to the students via observing records.

Debriefing:

Students attend to debriefing sessions and give feedbacks for both their own performances and team members' performances to educators.

Attendance:

Attendance to all lectures, skill lab activities, simulation sessions and debriefing is mandatory.

Responsibilities:

- Working hours usually are between 09:30 and 17:30 during the weekdays.
- The signature sheets will be signed between 09:00-09:30 and 16:30-17:30 during weekdays.
- Interns with absenteeism without a solid excuse, particularly documented, and/or permission of consulting staff will have compensation on-call duties. Absenteeism more than legal limit will cause the renewal of the course program.

Clerkship	ELECTIVES CLERKSHIP-1	MED 6001
	ELECTIVES CLERKSHIP-2	MED 6002

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit 4	ECTS 5
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 4 weeks		

Phase III
Coordinators

Işıl PAKIŞ
M.D. Prof.

Demet DİNÇ
M.D., Instructor

Sevgi ŞAHİN
M.D., Prof.

Bilgi BACA
M.D., Prof.

Saygın ABALI
MD. Assoc. Prof.

Academic Units

ELECTIVES

Course Duration	8 Week
Course Aims	<ul style="list-style-type: none"> • A sixth-year medical student in Acibadem University Medical Faculty selects an elective internship where he or she will act as an intern of first year graduate under the supervision of senior house staff and attending physicians.
Learning Outcomes	<ul style="list-style-type: none"> • The clerkship is almost all the time selected by the student upon his/her professional interest and career plan. Thus, the student can experience a glimpse of his/her future career without the burden of full responsibility.
Assessment Methods	<ul style="list-style-type: none"> • At the end of the elective rotation, an Elective Assessment Report must be completed by the Elective Supervisor and returned as soon as possible to Medical School Office of Acibadem University. • If an Elective Assessment Report is not received the student is deemed to have failed the elective rotation.
Requirements	<ul style="list-style-type: none"> • All Acibadem University Medical students must complete a total of eight-week clinical elective prior to graduating the faculty. • An Elective Approval Form must be submitted to School of Medicine with details of the elective that the student is applying for. • The interns may complete their Electives in training hospitals or universities in or outside Turkey. For this option, they should previously apply to Dean's Office, request permission at the time period stated by Dean's Office. If the approval is not received, the student must complete the selected Elective in Acibadem University. <p><i>Further information can be found in the electives guide (Seçmeli Staj Rehberi)</i></p>

Notes:

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