

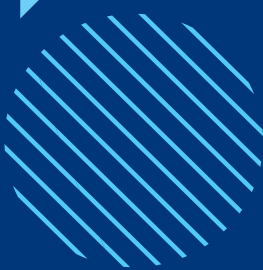


ACIBADEM

UNIVERSITY



2022-2023
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



RECTOR
Ahmet ŞAHİN
M.D., Prof.



VICE RECTOR
Güldal SÜYEN
M.D. Ph.D., Prof.



VICE RECTOR
İrfan GÜNEY
Bsc., Ph.D., Prof.



VICE RECTOR
Zeynep GÜVEN
M.D., Prof.



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



VICE DEAN
Yeşim GÜROL
M.D., Prof.



VICE DEAN
Şahin ŞENAY
M.D., Prof.

ACADEMIC UNITS



**DEPARTMENTS OF
BASIC SCIENCES**
Serap ARBAK
Ph.D., Prof.



**DEPARTMENTS OF
MEDICAL SCIENCES**
Zeynep GÜVEN
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

COORDINATORS OF MEDICAL EDUCATION

PHASE COORDINATOR (Phase I/ Year I-II-III)



Mustafa AKTEKİN

YEAR I

YEAR II

YEAR III



Fehime BENLİ
AKSUNGAR



Zeynep DURER



Sinem ÖKTEM
OKULLU

PHASE COORDINATOR (Phase II-III/Year IV-V-VI)



Özgür KURT



Işıl PAKİŞ



Demet DİNÇ

Phase II/III CLINICAL EDUCATION COORDINATORS



Bilgi BACA



Serdar BEKEN



Sevgi ŞAHİN

STUDENT CENTERED LEARNING ACTIVITIES COORDINATOR



Deniz YÜCEL



Meltem KOLGAZİ



Hande YAPIŞLAR



Cem SUNGUR

ELECTIVES IN MEDICINE (EMED) PROGRAM COORDINATORS



Levent ALTINTAŞ



Fatih ARTVİNLİ



Emel TİMUÇİN

MEDICAL ENGLISH COURSES COORDINATORS



Pınar TOPSEVER



Sesin KOCAGÖZ

TRANSITION TO CLINICAL CLERKSHIP (TCC) COORDINATORS



Dilek KİTAPÇIOĞLU



Demet DİNÇ

CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) PROGRAM COORDINATORS



Pınar TOPSEVER



Figen DEMİR

COORDINATOR of SIMULATED CLINICAL SKILLS TRAINING



Dilek KİTAPÇIOĞLU

ACIBADEM UNIVERSITY SCHOOL OF MEDICINE COORDINATORS OF MEDICAL EDUCATION (2022-2023)

YEAR 1 Biomedical Subject Committee (BSC) Chairs	YEAR 2 Biomedical Subject Committee (BSC) Chairs	YEAR 3 Biomedical Subject Committee (BSC) Chairs	YEAR 4 Clerkship Chairs	YEAR 5 Clerkship Chairs	YEAR 6 Internship Chairs
Molecular and Cellular Medicine-I Özden HATIRNAZ NG	Microorganisms and Infection Emel BALOĞLU	Cardiovascular System & Related Diseases Evren KILINÇ	Internal Medicine İnan ANAFOROĞLU Özge GÜMÜŞAY Leyla ÖZER	Neurology Yıldız KAYA Yavuz BEKMEZÇİ	Internal Medicine Sevgi ŞAHİN İbrahim YILDIZ Suna YAPALI
Molecular and Cellular Medicine-II Fehime BENLİ AKSUNGAR	Musculoskeletal System & Related Disorders Elif Nedret KESKİNOZ	Respiratory System & Related Disorders Meltem KOLGAZİ	Surgery Bilgi BACA Akif Enes ARIKAN Tonguç Utku YILMAZ	Neurosurgery Koray ÖZDUMAN Mustafa GÜDÜK	General Surgery Bilgi BACA Volkan ÖZBEN Halil KARA
Blood and Immunity Merve AÇIKEL ELMAS	Nervous System and Related Diseases Abdulveli ISMAILOĞLU	Gastrointestinal System & Related Disorders Beste KINIKOĞLU	Obstetrics and Gynecology Belgin SELAM Turgut AYDIN Özgülç TAKMAZ	Psychiatry Burcu YAVUZ GÖKSAN Ürün ÖZER AĞIRBAŞ	
	Growth, Development & Endocrine Disorders Nilhan ÜNÜBOL	Urogenital System & Related Disorders Mehmet ERGEN	Pediatrics & Pediatric Surgery Burak TANDER Serdar BEKEN Özlem AKGÜN DOĞAN Selma AKTAŞ Saygın ABALI	Otolaryngology-Head & Neck Surgery Alper ÖZDİLEK	Pediatrics Burcu BULUM Tarhan İKİZOĞLU Baran ARCAGÖK
			Obstetrics & Gynecology Serkan ERKANLI Suat DEDE Emine KARABÜK	Ophthalmology Ayşe Ebru KILAVUZOĞLU Ali Rıza Cenk ÇELEBİ	Obstetrics & Gynecology Serkan ERKANLI Suat DEDE Emine KARABÜK
		YEAR 3 Transition to Clinical Clerkship (TCC) Chairs Dilek KİTAPÇIOĞLU Demet DİNÇ	Cardiovascular Medicine Bahar TEMUR Aleks DEĞİRMENÇİOĞLU	Dermatology Dilek BIYIK ÖZKAYA Deniz DEMİRCİOĞLU	Psychiatry Ürün ÖZER AĞIRBAŞ Gökşen Yüksel YALÇIN
YEAR 1 CMPS Course Chairs	YEAR 2 CMPS Course Chairs	YEAR 3 CMPS Course Chairs		Orthopedics & Traumatology & PMR Emrullah HAYTA İşıl Fazilet KARTALOĞLU Kerim SARIYILMAZ	Community Health & Primary Care Pinar TOPSEVER Yeşim YASİN
Research in Health-I Figen DEMİR	Research in Health-II Pinar TOPSEVER Figen DEMİR	Evidence Based Medicine Pinar TOPSEVER Figen DEMİR			Emergency Medicine Serpil YAYLACI Cem GÜN Hasan ALDINÇ
Medical Ethics and Humanities-I Yeşim İşıl ÜLMAN	Medical Ethics and Humanities-II Yeşim İşıl ÜLMAN	Health and Society-I Yeşim YASİN			Simulated Clinical Practice Dilek KİTAPÇIOĞLU
Communication Skills Pinar TOPSEVER Dilek KİTAPÇIOĞLU Şirin PARKAN					
Health and Society-I Yeşim YASİN					

YEAR I	COURSE CATEGORIES		COURSES			
	Integrated Medical Courses	BIOMEDICAL SUBJECT COMMITTEES	MED 111 MOLECULAR AND MEDICINE-I	MED 113 MOLECULAR AND MEDICINE-II	MED 116 BLOOD-IMMUNITY AND CANCER	
		CLINICAL MEDICINE and PROFESSIONAL SKILLS	MED 121 RESEARCH IN HEALTH	MED 123 MEDICAL ETHICS AND HUMANITIES	MED 125 COMMUNICATION SKILLS	MED 122 HEALTH AND SOCIETY- I
	COMPLEMENTARY MEDICAL COURSES		MED 131 BIOSTATISTICS	MED 132 BIOINFORMATICS	MED 133-MED 134 MEDICAL ENGLISH	EMED 101 ELECTIVES IN MEDICINE-I
COMMON COURSES		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-I		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		HISTORY OF REVOLUTION				

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	
	TCC		MED 330 TRANSITION TO CLINICAL CLERKSHIP			
COMMON COURSES		EMED 301-302 ELECTIVES IN MEDICINE				

YEAR IV	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
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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
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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
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ACADEMIC CALENDAR



YEAR IV 2022 - 2023 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	
A	Internal Medicine 05.09.2022 - 11.11.2022								Pediatrics 14.11.2022 - 20.01.2023								MIDYEAR RECESS 23.01.2023 - 03.02.2023				Cardiovascular Medicine 06.02.2023 - 03.03.2023				Obst & Gyn 06.03.2023 - 14.04.2023				Surgery 17.04.2023 - 26.05.2023				ESS* 29.05.2023 - 09.06.2023								
	Pediatrics 05.09.2022 - 11.11.2022								Internal Medicine 14.11.2022 - 20.01.2023								MIDYEAR RECESS 23.01.2023 - 03.02.2023				Surgery 06.02.2023 - 17.03.2023				ESS* 20.03.2023 - 31.3.2023				Cardiovascular Medicine 03.04.2023 - 28.04.2023				Obst & Gyn 01.05.2023 - 09.06.2023								
B	Obst & Gyn 05.09.2022 - 14.10.2022				Cardiovascular Medicine 17.10.2022 - 11.11.2022				Surgery 14.11.2022 - 23.12.2022				ESS* 26.12.2022 - 06.01.2023				MIDYEAR RECESS 09.01.2023 - 20.01.2023				Internal Medicine 23.01.2023 - 31.03.2023								Pediatrics 03.04.2023 - 09.06.2023												
	Surgery 05.09.2022 - 14.10.2022				ESS* 17.10.2022 - 28.10.2022				Obst & Gyn 31.10.2022 - 09.12.2022				Cardiovascular Medicine 12.12.2022 - 06.01.2023				MIDYEAR RECESS 09.01.2023 - 20.01.2023				Internal Medicine 23.01.2023 - 31.03.2023								Pediatrics 03.04.2023 - 09.06.2023												
C	Surgery 05.09.2022 - 14.10.2022				ESS* 17.10.2022 - 28.10.2022				Obst & Gyn 31.10.2022 - 09.12.2022				Cardiovascular Medicine 12.12.2022 - 06.01.2023				MIDYEAR RECESS 09.01.2023 - 20.01.2023				Internal Medicine 23.01.2023 - 31.03.2023								Pediatrics 03.04.2023 - 09.06.2023												
	Surgery 05.09.2022 - 14.10.2022				ESS* 17.10.2022 - 28.10.2022				Obst & Gyn 31.10.2022 - 09.12.2022				Cardiovascular Medicine 12.12.2022 - 06.01.2023				MIDYEAR RECESS 09.01.2023 - 20.01.2023				Internal Medicine 23.01.2023 - 31.03.2023								Pediatrics 03.04.2023 - 09.06.2023												
D	Surgery 05.09.2022 - 14.10.2022				ESS* 17.10.2022 - 28.10.2022				Obst & Gyn 31.10.2022 - 09.12.2022				Cardiovascular Medicine 12.12.2022 - 06.01.2023				MIDYEAR RECESS 09.01.2023 - 20.01.2023				Internal Medicine 23.01.2023 - 31.03.2023								Pediatrics 03.04.2023 - 09.06.2023												
	Surgery 05.09.2022 - 14.10.2022				ESS* 17.10.2022 - 28.10.2022				Obst & Gyn 31.10.2022 - 09.12.2022				Cardiovascular Medicine 12.12.2022 - 06.01.2023				MIDYEAR RECESS 09.01.2023 - 20.01.2023				Internal Medicine 23.01.2023 - 31.03.2023								Pediatrics 03.04.2023 - 09.06.2023												

ESS: Elective Surgical Sciences

YEAR V 2022 - 2023 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 05.09.2022 30.09.2022	Reces. 03.10.2022 07.10.2022		Orthopedics & PTR 10.10.2022 - 11.11.2022		Neurology 14.11.2022 - 09.12.2022		Neurosurgery 12.12.2022 30.12.2022		Reces. 02.01.2023 06.01.2023		Ophth. 09.01.2023 20.01.2023	Dermatology 23.01.2023 10.02.2023	Midyear Reces. 13.02.2023 24.02.2023		Forensic Medicine 27.02.2023 10.03.2023		Urology 13.03.2023 31.03.2023		Psychiatry 03.04.2023 21.04.2023		OHNS 24.04.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
	Elective-1 05.09.2022 30.09.2022	Neurology 03.10.2022 28.10.2022		Neurosurgery 31.10.2022 18.11.2022		Dermatology 21.11.2022 09.12.2022		OHNS 12.12.2022 30.12.2022		Reces. 02.01.2023 06.01.2023		Orthopedics & PTR 09.01.2023 - 10.02.2023		Midyear Reces. 13.02.2023 24.02.2023		Forensic Medicine 27.02.2023 10.03.2023		Psychiatry 13.03.2023 31.03.2023		Ophth. 03.04.2023 14.04.2023		Urology 17.04.2023 05.05.2023		Reces. 08.05.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																
B	Elective-1 05.09.2022 30.09.2022	Urology 03.10.2022 21.10.2022		Ophth. 24.10.2022 04.11.2022		OHNS 07.11.2022 25.11.2022		Reces. 28.11.2022 02.12.2022		Elective-2 05.12.2022 - 13.01.2023		Reces. 16.01.2023 20.01.2023		Psychiatry 23.01.2023 10.02.2023				Neurology 13.03.2023 07.04.2023		Neurosurgery 10.04.2023 28.04.2023		Dermatology 01.05.2023 19.05.2023		Orthopedics & PTR 22.05.2023 - 23.06.2023																		
	Orthopedics & PTR 05.09.2022 - 07.10.2022	OHNS 10.10.2022 28.10.2022		Dermatology 31.10.2022 18.11.2022		Urology 21.11.2022 09.12.2022		Neurology 12.12.2022 - 06.01.2023		Neurosurgery 09.01.2023 27.01.2023		Ophth. 30.01.2023 10.02.2023						Elective-1 13.03.2023 07.04.2023		Reces. 10.04.2023 14.04.2023		Psychiatry 24.04.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
C	Neurology 05.09.2022 30.09.2022	Neurosurgery 03.10.2022 21.10.2022		Reces. 24.10.2022 28.10.2022		Urology 31.10.2022 18.11.2022		Orthopedics & PTR 21.11.2022 - 23.12.2022		Psychiatry 26.12.2022 13.01.2023		OHNS 16.01.2023 03.02.2023		Forensic Medicine 13.02.2023 24.02.2023		Midyear Reces. 27.02.2023 10.03.2023		Elective-1 13.03.2023 07.04.2023		Dermatology 10.04.2023 28.04.2023		Ophth. 01.05.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
	OHNS 05.09.2022 23.09.2022	Dermatology 26.09.2022 14.10.2022		Psychiatry 17.10.2022 04.11.2022		Elective-1 07.11.2022 02.12.2022		Urology 26.12.2022 13.01.2023		Neurology 16.01.2023 - 10.02.2023								Neurosurgery 13.03.2023 31.03.2023		Reces. 03.04.2023 07.04.2023		Orthopedics & PTR 10.04.2023 - 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
D	Orthopedics & PTR 05.09.2022 - 07.10.2022	OHNS 10.10.2022 28.10.2022		Dermatology 31.10.2022 18.11.2022		Urology 21.11.2022 09.12.2022		Neurology 12.12.2022 - 06.01.2023		Neurosurgery 09.01.2023 27.01.2023		Ophth. 30.01.2023 10.02.2023						Elective-1 13.03.2023 07.04.2023		Reces. 10.04.2023 14.04.2023		Psychiatry 24.04.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
	Neurology 05.09.2022 30.09.2022	Neurosurgery 03.10.2022 21.10.2022		Reces. 24.10.2022 28.10.2022		Urology 31.10.2022 18.11.2022		Orthopedics & PTR 21.11.2022 - 23.12.2022		Psychiatry 26.12.2022 13.01.2023		OHNS 16.01.2023 03.02.2023		Forensic Medicine 13.02.2023 24.02.2023		Midyear Reces. 27.02.2023 10.03.2023		Elective-1 13.03.2023 07.04.2023		Dermatology 10.04.2023 28.04.2023		Ophth. 01.05.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
E	OHNS 05.09.2022 23.09.2022	Dermatology 26.09.2022 14.10.2022		Psychiatry 17.10.2022 04.11.2022		Elective-1 07.11.2022 02.12.2022		Urology 26.12.2022 13.01.2023		Neurology 16.01.2023 - 10.02.2023								Neurosurgery 13.03.2023 31.03.2023		Reces. 03.04.2023 07.04.2023		Orthopedics & PTR 10.04.2023 - 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
	Elective-1 05.09.2022 30.09.2022	Neurology 03.10.2022 21.10.2022		Reces. 24.10.2022 28.10.2022		Urology 31.10.2022 18.11.2022		Orthopedics & PTR 21.11.2022 - 23.12.2022		Psychiatry 26.12.2022 13.01.2023		OHNS 16.01.2023 03.02.2023		Forensic Medicine 13.02.2023 24.02.2023		Midyear Reces. 27.02.2023 10.03.2023		Elective-1 13.03.2023 07.04.2023		Dermatology 10.04.2023 28.04.2023		Ophth. 01.05.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
F	OHNS 05.09.2022 23.09.2022	Dermatology 26.09.2022 14.10.2022		Psychiatry 17.10.2022 04.11.2022		Elective-1 07.11.2022 02.12.2022		Urology 26.12.2022 13.01.2023		Neurology 16.01.2023 - 10.02.2023								Neurosurgery 13.03.2023 31.03.2023		Reces. 03.04.2023 07.04.2023		Orthopedics & PTR 10.04.2023 - 12.05.2023		Elective-2 15.05.2023 23.06.2023																		
	Elective-1 05.09.2022 30.09.2022	Neurology 03.10.2022 21.10.2022		Reces. 24.10.2022 28.10.2022		Urology 31.10.2022 18.11.2022		Orthopedics & PTR 21.11.2022 - 23.12.2022		Psychiatry 26.12.2022 13.01.2023		OHNS 16.01.2023 03.02.2023		Forensic Medicine 13.02.2023 24.02.2023		Midyear Reces. 27.02.2023 10.03.2023		Elective-1 13.03.2023 07.04.2023		Dermatology 10.04.2023 28.04.2023		Ophth. 01.05.2023 12.05.2023		Elective-2 15.05.2023 23.06.2023																		

YEAR VI 2022- 2023 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 04.07.2022 -	31.07.2022	Sim. 01.08. 2022 -	07.08. 2022	Pediatrics 08.08.2022 - 02.10.2022										Community Health & PHC 03.10.2022 - 27.11.2022										Emergency Medicine 28.11.2022 - 22.01.2023										Psychiatry 23.01.2023 -										General Surgery 13.02.2023 -										Internal Medicine 13.03.2023 - 07.05.2023										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -																	
	Obstetrics & Gynecology 06.09.2021 -	26.09.2021	Sim. 25.07. 2022 -	31.7. 2022	Community Health & PHC 01.08.2022 - 25.09.2022										Obstetrics & Gynecology 26.09.2022 -										Internal Medicine 19.12.2022 - 12.02.2023										Emergency Medicine 13.02.2023 - 09.04.2023										General Surgery 10.04.2023 -										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -																											
B	Sim. 04.07. 2022 -	10.07. 2022	Emergency Medicine 11.07.2022 - 04.09.2022										General Surgery 05.09.2022 -										Internal Medicine 03.10.2022 - 27.11.2022										Obstetrics & Gynecology 28.11.2022 -										Psychiatry 26.12.2022 -										Pediatrics 16.01.2023 - 12.03.2023										Community Health & PHC 13.03.2023 - 07.05.2023										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -									
	Sim. 04.07. 2022 -	10.07. 2022	Internal Medicine 04.07.2022 - 28.08.2022										Obstetrics & Gynecology 29.08.2022 -										Emergency Medicine 03.10.2022 - 27.11.2022										General Surgery 28.11.2022 -										Community Health & PHC 26.12.2022 - 19.02.2023										Psychiatry 20.02.2023 -										Pediatrics 13.03.2023 - 07.05.2023										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -									
C	Sim. 04.07. 2022 -	10.07. 2022	Emergency Medicine 11.07.2022 - 04.09.2022										General Surgery 05.09.2022 -										Internal Medicine 03.10.2022 - 27.11.2022										Obstetrics & Gynecology 28.11.2022 -										Psychiatry 26.12.2022 -										Pediatrics 16.01.2023 - 12.03.2023										Community Health & PHC 13.03.2023 - 07.05.2023										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -									
	Sim. 04.07. 2022 -	10.07. 2022	Internal Medicine 04.07.2022 - 28.08.2022										Obstetrics & Gynecology 29.08.2022 -										Emergency Medicine 03.10.2022 - 27.11.2022										General Surgery 28.11.2022 -										Community Health & PHC 26.12.2022 - 19.02.2023										Psychiatry 20.02.2023 -										Pediatrics 13.03.2023 - 07.05.2023										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -									
D	Sim. 04.07. 2022 -	10.07. 2022	Emergency Medicine 11.07.2022 - 04.09.2022										General Surgery 05.09.2022 -										Internal Medicine 03.10.2022 - 27.11.2022										Obstetrics & Gynecology 28.11.2022 -										Psychiatry 26.12.2022 -										Pediatrics 16.01.2023 - 12.03.2023										Community Health & PHC 13.03.2023 - 07.05.2023										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -									
	Sim. 04.07. 2022 -	10.07. 2022	Internal Medicine 04.07.2022 - 28.08.2022										Obstetrics & Gynecology 29.08.2022 -										Emergency Medicine 03.10.2022 - 27.11.2022										General Surgery 28.11.2022 -										Community Health & PHC 26.12.2022 - 19.02.2023										Psychiatry 20.02.2023 -										Pediatrics 13.03.2023 - 07.05.2023										Elective-1 08.05.2023 -										Elective-2 05.06.2023 -									

Sim: Simulated Clinical Practice

EXAM DATES

EXAM DATES

YEAR I	Fall Semester Exam Dates			Spring Semester Exam Dates		
	EXAM	DATES		EXAM	DATES & HOURS	
	MED 111 Theoretical Examination I	24.10.2022	09:30-11:40	MED 116 Theoretical Examination I	29.03.2023	09:20-10:50
MED 111 Theoretical Examination II	23.11.2022	09:00-10:50	MED 116 Theoretical Examination II	10.05.2023	09:20-10:50	
MED 113 Theoretical Examination I	26.12.2022	09:30-11:40	MED 116 Theoretical Examination III	12.06.2023	14:20-15:50	
MED 113 Midterm Examination II	31.01.2023	14:20-15:50	MED 132 Midterm Examination	27.04.2023	13:30-15:50	
MED 131 Midterm Exam	24.11.2022	13:30-15:50	MED 132 Final Examination	15.06.2023	13:30-15:50	
MED 131 Final Examination	12.01.2023	13:30-15:50	MED 122 CMPS/H&S	13.04.2023	11:50-12:30	
MED 121 CMPS/RinH-I	02.02.2023	11:50-12:30	MED 132 Midterm Examination	27.04.2023	13:30-15:50	
MED 123 CMPS/ME&H	29.12.2022	11:50-12:30	MED 132 Final Exam	15.06.2023	13:30-15:50	
MED 133 Midterm Exam	11.11.2022	09:20-11:40	MED 134 Midterm Exam	14.04.2023	09:20-11:40	
MED 133 Final Exam	20.01.2023	09:20-11:40	MED 134 Final Exam	16.06.2023	09:20-11:40	
MED 133 Resit Exam	27.01.2023	09:20-11:40	BSC FINAL EXAM	17.07.2023	09:20-15:50	
			BSC MAKE-UP EXAM	17.08.2023	09:20-15:50	
			CMPS FINAL EXAM	18.07.2023	09:20-15:50	
			CMPS MAKE-UP EXAM	18.08.2023	09:20-15:50	

YEAR II	Fall Semester Exam Dates			Spring Semester Exam Dates		
	EXAM	DATES		EXAM	DATES & HOURS	
	MED 213 Practical Examination I	14.11.2022	10:10-11:40	MED 212 Practical Examination I	29.03.2023	11:00-12:30
MED 213 Theoretical Examination I	14.11.2022	14:20-15:50	MED 212 Theoretical Examination I	30.03.2023	14:20-15:50	
MED 213 Practical Examination II	16.12.2022	11:00-12:30	MED 212 Theoretical Examination II	10.05.2023	11:00-12:30	
MED 213 Theoretical Examination II	16.12.2022	13:30-15:00	MED 214 Theoretical Examination	15.06.2023	14:20-15:50	
MED 211 Theoretical Examination	02.02.2023	14:20-15:50	MED 222 CMPS/ME&H-II	16.05.2023	11:50-12:30	
MED 211 Practical Examination	30.01.2023	13:30-15:30	MED 234 Midterm Exam	18.04.2023	13:30-15:50	
MED 221 CMPS/RinH-II	13.12.2022	09:20-10:00	MED 234 Final Exam	13.06.2023	13:30-15:00	
MED 233 Midterm Exam	15.11.2022	13:30-15:50	MED 234 Retake Exam	09.06.2022	14:20-15:50	
MED 233 Final Exam	12.01.2023	13:30-14:10	BSC FINAL EXAM	19.07.2023	09:20-15:50	
MED 233 Final Exam	24.01.2023	13:30-15:00	BSC MAKE-UP EXAM	21.08.2023	09:20-15:50	
			CMPS Final	20.07.2023	09:20-15:50	
			CMPS MAKE-UP EXAM	22.08.2023	09:20-15:50	

YEAR III	Fall Semester Exam Dates			Spring Semester Exam Dates		
	EXAM	DATES		EXAM	DATES & HOURS	
	MED 311 Theoretical Examination I	24.10.2022	14:20-15:50	MED 312-1 Theoretical Examination	17.03.2023	14:20-15:50
MED 311 Theoretical Examination II	11.11.2022	10:10-11:40	MED 312-2 Theoretical Examination	14.04.2023	14:20-15:50	
MED 313 Theoretical Examination I	16.12.2022	10:10-11:40	MED 323 CMPS	11.04.2023	11:50-12:30	
MED 315 Theoretical Examination I	13.01.2023	14:20-15:50	BSC FINAL EXAM	15.05.2023	09:20-15:50	
MED 315 Theoretical Examination II	03.02.2023	14:20-15:50	BSC MAKE-UP EXAM	15.06.2023	09:20-15:50	
MED 321 CMPS/EBM	30.11.2022	11:00-11:40	CMPS Final	17.05.2023	09:20-15:50	
			CMPS Makeup	19.06.2023	09:20-15:50	

Y E A R

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YEAR - I - COURSES (2022-2023)

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"					
Biomedical Subject Committees (BSC)	MED 111	Molecular and Cellular Medicine -I	74	14	88	16				104	90	194	6	7
	MED 113	Molecular and Cellular Medicine -II	91	14	105	8				113	110	223	7	8
	MED 116	Blood and Immunity	118	15	133	8				141	200	341	10	13
	BSC 1	TOTAL	283	43	326	32				358	400	758	23	28
	MED 121	Research in Health-I	12	7	19					19	30	50	2	2
Clinical Medicine & Professional Skills (CMPS) Program	MED 123	Medical Ethics and Humanities-I	30	0	30					30	70	110	2	4
	MED 122	Health and Society-I	19	7	26		5			31	70	110	2	4
	MED 125	Communication Skills	19	10	29			8		37	60	100	3	4
	CMPS 1	TOTAL	80	24	104	5	5	8		117	230	370	9	14
	MED 131	Biostatistics	28	0	28	14				42	25	67	3	3
Complementary Medical Courses (CMC)	MED 132	Bioinformatics	28	0	28	14				42	25	67	3	3
	MED 133	Medical English-I	28	14	42	14				56	30	72	3	3
	MED 134	Medical English-II	28	14	42	15				57	31	75	3	3
	EMED 101	Electives in Medicine-I	7	14	21	14	14			49	60	102	2	4
	ATA 101	Atatürk Principles and History of Revolution-I	21	7	28					28	5	33	2	1
Common Courses (CC)	ATA 102	Atatürk Principles and History of Revolution-II	21	7	28					28	5	33	2	1
	TUR 101	Turkish Language and Literature-I	28		28					28	5	33	2	1
	TUR 102	Turkish Language and Literature-II	28		28					28	5	33	2	1
	ELE 197	Elective Course-I	28		28					28	5	33	2	1
	ELE 198	Elective Course-II	28		28					28	5	33	2	1
TOTAL			636	123	759	103	19	8	0	889	831	1709	58	64

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 111
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	03.10.2022 - 25.11.2022

Theoretical Hours	74	Credit 6	ECTS 7
Practical Hours	14		
Study Hours	90		
TOTAL HOURS	178		

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Cem SUNGUR

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Ürün ÖZER AĞIRBAŞ

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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 113
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	28.11.2022-03.02.2023

Theoretical Hours	91	Credit 7	ECTS 8
Practical Hours	14		
Study Hours	110		
TOTAL HOURS	215		

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Educational Methods	Lectures, Panels, Group Discussions and Lab Study
Course Aims	
<p>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.</p>	
Learning Outcomes	
<p>By the end of this subject committee, the students will be able to:</p> <ol style="list-style-type: none"> 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

Course Name	Blood and Immunity	MED 116
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	20.02.2023-16.06.2023

Theoretical Hours	118	Credit 10	ECTS 13
Practical Hours	15		
Study Hours	200		
TOTAL HOURS	333		

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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 markers 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	27.12.2022 - 02.02.2023

Theoretical Hours	12	Credit 2	ECTS 2
Practical Hours	7		
Study Hours	30		
TOTAL HOURS	49		

Course Chairs

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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
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Course Name	Health and Society - I	MED 122
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	23.02.2023 - 13.04.2023

Theoretical Hours	19	Credit 2	ECTS 4
Practical Hours	7		
Study Hours	70		
TOTAL HOURS	96		

Course Chairs

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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

Assessment Methods	Written examination, log-books, standardized evaluation of group presentations of assignments and projects, case studies.
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Course Name	Medical Ethics and Humanities- I	MED 123
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	06.10.2022 - 22.12.2022

Theoretical Hours	30	Credit 2	ECTS 4
Practical Hours	-		
Study Hours	70		
TOTAL HOURS	100		

Course Chairs

Yeşim Işıl ÜLMAN

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Faculty

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Fatih ARTVİNLİ

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Yeşim YASİN

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

İlker KAYI

M.D., Assist. Prof.

Educational Methods	TBL, Theoretical and practical sessions, 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	TBL Quizzes, Written examination and case analyses
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Course Name	Communication Skills	MED 125
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I /Fall-Spring
Course Dates	20.04.2023 - 06.06.2023

Theoretical Hours	19	Credit 3	ECTS 4
Practical Hours	10		
Study Hours	60		
TOTAL HOURS	89		

Course Chairs

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

Demet DİNÇ
M.D., Instructor Family Medicine

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	Biostatistics	MED 131
Course Category	Complementary Medical Course	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I /Fall
Course Dates	06.10.2022 - 02.02.2023

Theoretical Hours	28	Credit 3	ECTS 3
Practical Hours	0		
Study Hours	25		
TOTAL HOURS	53		

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 132
Course Category	Complementary Medical Course	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	23.02.2023 - 15.06.2023

Theoretical Hours	28	Credit 3	ECTS 3
Practical Hours	0		
Study Hours	25		
TOTAL HOURS	53		

Course Chairs

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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	Medical English I & II	MED 133 - 134
Course Category	Complementary Medical Courses	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall & Spring
Course Dates	07.10.2022 - 09.06.2023

Theoretical Hours	56	Credit 6	ECTS 6
Practical Hours	28		
Study Hours	61		
TOTAL HOURS	145		

Course Chairs

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Faculty

Nafiye Çiğdem AKTEKİN
PhD., Academic English Program Coordinator

Motassem BOWARSHI
Instructor, Foreign Languages

Beyza KARACİBİOĞLU
Instructor, Foreign Languages

Serdar DUMAN
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	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	07.10.2022 - 16.06.2023

Theoretical Hours	56	Credit 4	ECTS 2
Practical Hours	-		
Study Hours	10		
TOTAL HOURS	66		

Course Chairs

HÜLYA DÜNDAR ŞAHİN

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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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The background features a scenic view of a lake surrounded by trees with vibrant autumn foliage in shades of orange, yellow, and red. In the distance, a building with a dark roof is visible. The scene is overlaid with large, semi-transparent, organic shapes in muted green and orange tones. The title text is centered and framed by thin, flowing orange lines.

YEAR 1 FALL SEMESTER SCHEDULE

03.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Introduction to Medical School	Mustafa AKTEKİN
10:10 - 10:50	Introduction to Medical School	Mustafa AKTEKİN
11:00 - 11:40	Introduction to Year I	Fehime AKSUNGAR
11:50 - 12:30	Introduction to MED 111 Molecular and Cellular Medicine-I	HATIRNAZ NG-AKSUNGAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to Medical English	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
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	

04.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Atoms, Molecules and Matter	Zeynep DURER
10:10 - 10:50	Atoms, Molecules and Matter	Zeynep DURER
11:00 - 11:40	Chemical Bonds and Reactions	Beste KINIKOĞLU EROL
11:50 - 12:30	Gases, Liquids and Solids	Beste KINIKOĞLU EROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	University Orientation	
14:20 - 15:00	University Orientation	
15:10 - 15:50	Scientific Measurements and Calculations	Beste KINIKOĞLU EROL
16:00 - 16:40	Acids and Bases	Beste KINIKOĞLU EROL
16:50 - 17:30	Elective Course I / Study time	

05.10.2021 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Organic Functional Groups in Medicine	Beste KINIKOĞLU EROL
10:10 - 10:50	Organic Functional Groups in Medicine	Beste KINIKOĞLU EROL
11:00 - 11:40	Orientation Programme: How to be a Med Student in 2022?	Levent ALTINTAŞ
11:50 - 12:30	Structure of Nucleic Acids	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Carbohydrate Structure and Function	Fehime AKSUNGAR
14:20 - 15:00	Carbohydrate Structure and Function	Fehime AKSUNGAR
15:10 - 15:50	Chemical Equilibrium and Kinetics	Beste KINIKOĞLU EROL
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.10.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Orientation Programme: How to Use Textbooks and how to study	Cem SUNGUR
10:10 - 10:50	CMPS/ME&H-I:Introduction to Medical Ethics and Humanities	ÜLMAN, ARTVİNLİ, TOPSEVER
11:00 - 11:40	CMPS/ME&H-I:Being a Doctor	ÜLMAN, ARTVİNLİ, TOPSEVER
11:50 - 12:30	CMPS/ME&H-I:Being a Doctor	ÜLMAN, ARTVİNLİ, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Orientation Programme: Meeting with International Student Club	International Student Club
16:50 - 17:30	Elective Course I / Study time	

07.10.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Structure of Amino Acids	Abdurrahman COŞKUN
10:10 - 10:50	Structure of Amino Acids	Abdurrahman COŞKUN
11:00 - 11:40	Tree of Life and Evolution	Cemaliye AKYERLİ BOYLU
11:50 - 12:30	Tree of Life and Evolution	Cemaliye AKYERLİ BOYLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Protein Structure and Function	Abdurrahman COŞKUN
14:20 - 15:00	Protein Structure and Function	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	

11.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Orientation Programme: How to use online education systems	Education Technologies
10:10 - 10:50	Structure of Lipids	Ahmet Tarık BAYKAL
11:00 - 11:40	Structure of Lipids	Ahmet Tarık BAYKAL
11:50 - 12:30	Concept of Cell: Prokaryotes, Eukaryotes and Multicellular Life	Beste KINIKOĞLU EROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Orientation Programme: Student Based Learning and Communicating in an Academic Environment	Melike ŞAHİNER
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	

12.10.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Mendelian Genetics	Cemaliye AKYERLİ BOYLU
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	Ali Osmay GÜRE
14:20 - 15:00	DNA Packaging and Chromatin Structure	Ali Osmay GÜRE
15:10 - 15:50	Orientation Programme: Mentorship Programme	Cemaliye AKYERLİ BOYLU
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Orientation Programme: Social and psychological support	Ürün ÖZER
10:10 - 10:50	DNA Replication	Özden HATIRNAZ NG
11:00 - 11:40	CMPS/ME&H-I Introduction to History of Medicine	Yeşim IŞIL ÜLMAN
11:50 - 12:30	CMPS/ME&H-IMedicine at Bedside	Yeşim IŞIL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

14.10.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time/ASOS trial exam	

17.10.2022 MONDAY

08:30 - 09:10		
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	Cell Cycle	Cemaliye AKYERLİ BOYLU
11:50 - 12:30	Nucleus	Deniz YÜCEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Transmission of the Genome: Cell Division	Merve AÇIKEL ELMAS
14:20 - 15:00	Chromosome Structure	Özden HATIRNAZ NG
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	

18.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Mendelian Inheritance Patterns	Özlem AKGÜN DOĞAN
11:00 - 11:40	Mendelian Inheritance Patterns	Özlem AKGÜN DOĞAN
11:50 - 12:30	Non-Mendelian Inheritance	Özlem AKGÜN DOĞAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	From DNA to RNA	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	From DNA to RNA	Cemaliye AKYERLİ BOYLU
15:10 - 15:50	Orientation Programme: How to Use Library	Ayça MAZLUMÖĞLU
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.10.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	PANEL: Clinical Cytogenetics	ALANAY-HATIRNAZ NG-AGÜN
10:10 - 10:50	PANEL: Clinical Cytogenetics	ALANAY-HATIRNAZ NG-AGÜN
11:00 - 11:40	Nuclear Genome: Gene structure and function	Cemaliye AKYERLİ BOYLU
11:50 - 12:30	Cell Death	Cemaliye AKYERLİ BOYLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Orientation Programme: How to add elective courses and make a transcript control	Student Affairs
14:20 - 15:00	MED111 Formative Assessment	ALTINTAŞ-HATIRNAZ NG
15:10 - 15:50	MED111 Formative Assessment	ALTINTAŞ-HATIRNAZ NG
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Orientation Programme: Meeting with the international office	International Office
10:10 - 10:50	PANEL: Epigenetics and 3D Genome	HATIRNAZ NG-ÖZDEMİR
11:00 - 11:40	CMPS/ME&H-Characteristics of Doctor/Patient Community Relations	ÜLMAN, ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-Characteristics of Doctor/Patient Community Relations	ÜLMAN, ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

21.10.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.10.2022 MONDAY

08:30 - 09:10	
09:20 - 10:00	Study time
10:10 - 10:50	
11:00 - 11:40	MED 111 THEORETICAL EXAMINATION I
11:50 - 12:30	MED 111 THEORETICAL EXAMINATION I
12:30 - 13:30	Lunch Time
13:30 - 14:10	
14:20 - 15:00	
15:10 - 15:50	
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

25.10.2022 TUESDAY

08:30 - 09:10		
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	Control of gene expression	Ali Osmay GÜRE
11:50 - 12:30	White Coat Ceremony Rehearsal	Conference Hall
12:30 - 13:30	White Coat Ceremony Rehearsal	Conference Hall
13:30 - 14:10	White Coat Ceremony Rehearsal	Conference Hall
14:20 - 15:00	Histology of Lining and Glandular Epithelium	Serap ARBAK
15:10 - 15:50	Histology of Lining and Glandular Epithelium	Serap ARBAK
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.10.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Human Genetic Diversity: Mutation and Polymorphisms	Özkan ÖZDEMİR
10:10 - 10:50	Human Genetic Diversity: Mutation and Polymorphisms	Özkan ÖZDEMİR
11:00 - 11:40	Histology of Connective Tissue	Serap ARBAK
11:50 - 12:30	Histology of Connective Tissue	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40	White Coat Ceremony	Conference Hall
16:50 - 17:30	White Coat Ceremony	Conference Hall

27.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Histology of Skin and Adnex	Deniz YÜCEL
10:10 - 10:50	Histology of Skin and Adnex	Deniz YÜCEL
11:00 - 11:40	CMPS/ME&H-I:Medicine in the Library, Medieval and Renaissance Medicine	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/ME&H-I:Medicine in the Library, Medieval and Renaissance Medicine	Yeşim İŞİL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

28.10.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Microscope Skills and Cell Types (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
14:20 - 15:00	LAB: Microscope Skills and Cell Types (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
15:10 - 15:50	LAB: Microscope Skills and Cell Types (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
16:00 - 16:40	LAB: Microscope Skills and Cell Types (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
16:50 - 17:30	Elective Course I / Study time	

31.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Complex Inheritance of Multifactorial Disorders	Onur Emre ONAT
10:10 - 10:50	Mitochondrial Genome and Mitochondrial Inheritance	Özden HATIRNAZ NG
11:00 - 11:40	Personalised Medicine Era	Kaya BİLGUVAR
11:50 - 12:30	Personalised Medicine Era	Kaya BİLGUVAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
14:20 - 15:00	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
15:10 - 15:50	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.11.2022 TUESDAY

08:30 - 09:10	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
09:20 - 10:00	LAB: Nucleus and Cell Division (Group B)Microscope Skills and Cell Types	ARBAK, YÜCEL, AÇIKEL ELMAS A301
10:10 - 10:50	LAB: Nucleus and Cell Division (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:00 - 11:40	LAB: Nucleus and Cell Division (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Nucleus and Cell Division (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
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	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
16:00 - 16:40	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
16:50 - 17:30	Elective Course I / Study time	

02.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Histology of Lining and Glandular Epithelium (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
10:10 - 10:50	LAB: Histology of Lining and Glandular Epithelium (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:00 - 11:40	LAB: Histology of Lining and Glandular Epithelium (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Histology of Lining and Glandular Epithelium (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Tools of Molecular Biology	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	Tools of Molecular Biology	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	

03.11.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Basic concepts in population genetics	Kaya BİLGUVAR
10:10 - 10:50	CMPS/ME&H-I:Introduction to Human Rights	ÜLMAN, ARTVİNLİ
11:00 - 11:40	CMPS/ME&H-I:Introduction to Human Rights	ÜLMAN, ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-I:Introduction to Human Rights	ÜLMAN, ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Connective Tissue and Skin (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
14:20 - 15:00	LAB: Connective Tissue and Skin (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
15:10 - 15:50	LAB: Connective Tissue and Skin (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
16:00 - 16:40	LAB: Connective Tissue and Skin (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
16:50 - 17:30	Elective Course I / Study time	

07.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Discussion:Basic LAB Skills (pipette) (Group A)	AB, H NG, KE Multidiciplinary Laboratory
10:10 - 10:50	Basic LAB Skills (pipette)(Group A)	AB, H NG, KE Multidiciplinary Laboratory
11:00 - 11:40	Basic LAB Skills (pipette) (Group A)	AB, H NG, KE Multidiciplinary Laboratory
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Discussion:Basic LAB Skills (pipette) (Group B)	AB, H NG, KE Multidiciplinary Laboratory
14:20 - 15:00	Basic LAB Skills (pipette)(Group B)	AB, H NG, KE Multidiciplinary Laboratory
15:10 - 15:50	Basic LAB Skills (pipette) (Group B)	AB, H NG, KE Multidiciplinary Laboratory
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.11.2022 TUESDAY

08:30 - 09:10		
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	CMPS/ME&H-I:Medicine in the Hospital	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-I:Medicine in the Hospital	Fatih ARTVİNLİ
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	

09.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Study time	
10:10 - 10:50	Molecular, Biochemical and Cellular Basis of Genetic Diseases	Özden HATIRNAZ NG
11:00 - 11:40	Molecular, Biochemical and Cellular Basis of Genetic Diseases	Özden HATIRNAZ NG
11:50 - 12:30	Next Generation Sequencing and the Future of Diagnosis	Özkan ÖZDEMİR
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	

10.11.2022 THURSDAY

08:30 - 09:10	Atatürk Memorial Day	
09:20 - 10:00	Atatürk Memorial Day	
10:10 - 10:50	Atatürk Memorial Day	
11:00 - 11:40	Atatürk Memorial Day	
11:50 - 12:30	Atatürk Memorial Day	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

14.11.2022 MONDAY		
08:30 - 09:10	Treatment of Genetic Diseases and Future of Clinical Genomics	HATIRNAZ NG-ALANAY-DOĞAN
09:20 - 10:00	Treatment of Genetic Diseases and Future of Clinical Genomics	HATIRNAZ NG-ALANAY-DOĞAN
10:10 - 10:50	Discussion: Agarose Gel Electrophoresis (Group B)	AB, H NG, KE A302-A303
11:00 - 11:40	LAB: Agarose Gel Electrophoresis (Group B)	AB, H NG, KE A302-A303
11:50 - 12:30	LAB: Agarose Gel Electrophoresis (Group B)	AB, H NG, KE A302-A303
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Agarose Gel Electrophoresis (Group A)	AB, H NG, KE A302-A303
14:20 - 15:00	LAB: Agarose Gel Electrophoresis (Group A)	AB, H NG, KE A302-A303
15:10 - 15:50	LAB: Agarose Gel Electrophoresis (Group A)	AB, H NG, KE A302-A303
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.11.2022 TUESDAY		
08:30 - 09:10	PANEL: From Genotype to Phenotype	ALANAY-HATIRNAZ NG-AKGÜN
09:20 - 10:00	PANEL: From Genotype to Phenotype	ALANAY-HATIRNAZ NG-AKGÜN
10:10 - 10:50	Discussion: DNA Isolation (Group B)	AB, H NG, KE A302-A303
11:00 - 11:40	LAB: DNA Isolation (Group B)	AB, H NG, KE A302-A303
11:50 - 12:30	LAB: DNA Isolation (Group B)	AB, H NG, KE A302-A303
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Discussion:DNA Isolation (Group A)	AB, H NG, KE A302-A303
14:20 - 15:00	LAB: DNA Isolation (Group A)	AB, H NG, KE A302-A303
15:10 - 15:50	LAB: DNA Isolation (Group A)	AB, H NG, KE A302-A303
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.11.2022 WEDNESDAY		
08:30 - 09:10		
09:20 - 10:00	Hot topics in Biochemistry: Omics	Ahmet Tarık BAYKAL
10:10 - 10:50	Discussion: Nucleic acid Amplification; PCR (Group A)	AB, H NG, KE A302-A303
11:00 - 11:40	LAB: Nucleic acid Amplification; PCR (Group A)	AB, H NG, KE A302-A303
11:50 - 12:30	LAB: Nucleic acid Amplification; PCR (Group A)	AB, H NG, KE A302-A303
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Discussion: Nucleic acid Amplification; PCR (Group B)	AB, H NG, KE A302-A303
14:20 - 15:00	LAB: Nucleic acid Amplification; PCR (Group B)	AB, H NG, KE A302-A303
15:10 - 15:50	LAB: Nucleic acid Amplification; PCR (Group B)	AB, H NG, KE A302-A303
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.11.2022 THURSDAY		
08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/ME&H-I: Evolution of Human Rights	ÜLMAN, ARTVİNLİ
11:00 - 11:40	CMPS/ME&H-I:Evolution of Human Rights	ÜLMAN, ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-I:Evolution of Human Rights	ÜLMAN, ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.11.2022 FRIDAY		
08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

21.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	MED111 Formative Assessment-II	ALTINTAŞ-HATIRNAZ NG
10:10 - 10:50	MED111 Formative Assessment-II	ALTINTAŞ-HATIRNAZ NG
11:00 - 11:40		
11:50 - 12:30	Lunch Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
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	

23.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Study Time	
11:00 - 11:40	HISTOLOGY LAB EXAMINATION	A302/303
11:50 - 12:30	HISTOLOGY LAB EXAMINATION	A302/303
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	MED 111 THEORETICAL EXAMINATION II	
15:10 - 15:50	MED 111 THEORETICAL EXAMINATION II	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.11.2022 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H-I: Right to Health	ÜLMAN, ARTVİNLİ, YASİN Zoom
11:00 - 11:40	CMPS/ME&H-I: Right to Health	ÜLMAN, ARTVİNLİ, YASİN Zoom
11:50 - 12:30	CMPS/ME&H-I: Right to Health	ÜLMAN, ARTVİNLİ, YASİN Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics Midterm Exam	
14:20 - 15:00	MED 131 Biostatistics Midterm Exam	
15:10 - 15:50	MED 131 Biostatistics Midterm Exam	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

25.11.2022 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

28.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Introduction to MED 113 Molecular and Cellular Medicine-II	Fehime AKSUNGAR
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	Membrane Proteins	Zeynep DURER
14:20 - 15:00	Physical Principles of Transport: Diffusion and Facilitated Transport	Devrim ÖZ ARSLAN
15:10 - 15:50	Physical Principles of Transport: Diffusion and Facilitated Transport	Devrim ÖZ ARSLAN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

29.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Osmolarity and Tonicity	Devrim ÖZ ARSLAN
11:00 - 11:40	Physical Principles of Transport: Active Transport	Devrim ÖZ ARSLAN
11:50 - 12:30	Homeostasis	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electrical Forces, Fields and Currents	Evren KILINÇ
14:20 - 15:00	Electrical Forces, Fields and Currents	Evren KILINÇ
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

30.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Study time	
10:10 - 10:50	Body fluids	Mehmet ERGEN
11:00 - 11:40	Charges, Coulomb's Law, Insulators and Conductors	Zeynep DURER
11:50 - 12:30	Charges, Coulomb's Law, Insulators and Conductors	Zeynep DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Capacitors, Resistance, Direct Current	Evren KILINÇ
14:20 - 15:00	Capacitors, Resistance, Direct Current	Evren KILINÇ
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Electrochemical Potential, Nernst Potential	Evren KILINÇ
10:10 - 10:50	CMPS/ME&H-I: Right to Health in Society	ÜLMAN, ARTVINLİ, KAYI
11:00 - 11:40	CMPS/ME&H-I: Right to Health in Society	ÜLMAN, ARTVINLİ, KAYI
11:50 - 12:30	CMPS/ME&H-I: Right to Health in Society	ÜLMAN, ARTVINLİ, KAYI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

02.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.12.2022 MONDAY		
08:30 - 09:10		
09:20 - 10:00	Physics Discussion: Electricity	Zeynep DURER/Evren KILINÇ
10:10 - 10:50	Physics Discussion: Electricity	Zeynep DURER/Evren KILINÇ
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	Membrane Potential and Action Potential	Evren KILINÇ
14:20 - 15:00	Membrane Potential and Action Potential	Evren KILINÇ
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.12.2022 TUESDAY		
08:30 - 09:10		
09:20 - 10:00	Conduction of Action Potential	Evren KILINÇ
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	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	

07.12.2022 WEDNESDAY		
08:30 - 09:10		
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	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.12.2022 THURSDAY		
08:30 - 09:10		
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	CMPS/ME&H-I: Medicine in the Community, Emergence of Public Health	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-I: Medicine in the Community, Emergence of Public Health	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.12.2022 FRIDAY		
08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.12.2022 MONDAY

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

13.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Cellular Signaling	Mehmet ERGEN
11:00 - 11:40	Energetics of Electron Transport	Zeynep DURER
11:50 - 12:30	Energetics of Electron Transport	Zeynep DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Michaelis-Menten Equation	Ahmet Tarık BAYKAL
14:20 - 15:00	Regulation of enzyme activity	Ahmet Tarık BAYKAL
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	

14.12.2022 WEDNESDAY

08:30 - 09:10		
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	Isoenzymes and clinical importance	Fehime AKSUNGAR
14:20 - 15:00	Isoenzymes and clinical importance	Fehime AKSUNGAR
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/ME&H-I: Medicine in the Laboratory	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/ME&H-I: Medicine in the Laboratory	Yeşim İŞİL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.12.2022 MONDAY

08:30 - 09:10	
09:20 - 10:00	
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

20.12.2022 TUESDAY

08:30 - 09:10	
09:20 - 10:00	
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

21.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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	MED113 Formative Assessment-I	ALTINTAŞ-AKSUNGAR
14:20 - 15:00	MED113 Formative Assessment-I	ALTINTAŞ-AKSUNGAR
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	CMPS/ME&H-I:Medicine in the Modern World, Legacy of The Centuries	ÜLMAN
11:50 - 12:30	CMPS/ME&H-I:History of Medicine in Turkey	ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
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 113 MIDTERM THEORETICAL EXAMINATION I	
15:10 - 15:50	MED 113 MIDTERM THEORETICAL EXAMINATION I	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/RinH-I:Introduction to Research in Health and Scientific Methodology	FigenDEMİR
11:00 - 11:40	CMPS/RinH- I:An example of scientific thinking:study of Ignaz Semmelweis	Pınar TOPSEVER
11:50 - 12:30	CMPS/RinH-I:An example of scientific thinking:study of Ignaz Semmelweis	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Oogenesis	Serap ARBAK
14:20 - 15:00	Oogenesis	Serap ARBAK
15:10 - 15:50	Spermatogenesis	Merve AÇIKEL ELMAS
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

28.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	General principles of metabolic pathways	Aysel ÖZPINAR
10:10 - 10:50	General principles of metabolic pathways	Aysel ÖZPINAR
11:00 - 11:40	Fertilization	Deniz YÜCEL
11:50 - 12:30	Glycolysis	Aysel ÖZPINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Glycolysis	Aysel ÖZPINAR
14:20 - 15:00	Gluconeogenesis	Aysel ÖZPINAR
15:10 - 15:50	Gluconeogenesis	Aysel ÖZPINAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

29.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Glycogenesis	Fehime AKSUNGAR
10:10 - 10:50	Glycogenesis	Fehime AKSUNGAR
11:00 - 11:40	Study time	
11:50 - 12:30	CMPS/ME&H: Written Examination	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

30.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

02.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
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	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	

03.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Hexose monophosphate shunt	Aysel ÖZPINAR
10:10 - 10:50	Hexose monophosphate shunt	Aysel ÖZPINAR
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	Implantation	Serap ARBAK
14:20 - 15:00	Formation of bilaminar and trilaminar embryonic disc	Serap ARBAK
15:10 - 15:50	Formation of bilaminar and trilaminar embryonic disc	Serap ARBAK
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	TCA cycle	Aysel ÖZPINAR
11:00 - 11:40	TCA cycle	Aysel ÖZPINAR
11:50 - 12:30		
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolism of proteins	Abdurrahman COŞKUN
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	

05.01.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Glucose and cholesterol measurement-A	ATB, FA, AC Multidisciplinary laboratory
10:10 - 10:50	LAB: Glucose and cholesterol measurement-A	ATB, FA, AC Multidisciplinary laboratory
11:00 - 11:40	LAB: Glucose and cholesterol measurement-B	ATB, FA, AC Multidisciplinary laboratory
11:50 - 12:30	LAB: Glucose and cholesterol measurement-B	ATB, FA, AC Multidisciplinary laboratory
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.01.2023 MONDAY

08:30 - 09:10	CMPS/RinH-I: Causation in Epidemiology-study time for TBL	
09:20 - 10:00	CMPS/RinH-I: Causation in Epidemiology-study time for TBL	
10:10 - 10:50	CMPS/RinH-I: Causation in Epidemiology-study time for TBL	
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolism of amino acids	Abdurrahman COŞKUN
14:20 - 15:00	Metabolism 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	

10.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
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	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
14:20 - 15:00	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Metabolism of Nucleic acids	Sema GENÇ
11:00 - 11:40	Metabolism of Nucleic acids	Sema GENÇ
11:50 - 12:30	Metabolism of nucleotids	Ahmet Tarik BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Formation of neurulation and organ systems	Serap ARBAK
14:20 - 15:00	Formation of neurulation and organ systems	Serap ARBAK
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.01.2023 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	MED 131 Biostatistics Final Examination	
14:20 - 15:00	MED 131 Biostatistics Final Examination	
15:10 - 15:50	MED 131 Biostatistics Final Examination	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Study Time	
11:00 - 11:40	Extraembryonic structures	Serap ARBAK
11:50 - 12:30	Extraembryonic structures	Serap ARBAK
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	

17.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/RinH-I Causation in Epidemiology (RATs & Practice)	TOPSEVER, DEMİR
10:10 - 10:50	CMPS/RinH-I: Causation in Epidemiology (RATs & Practice)	TOPSEVER, DEMİR
11:00 - 11:40	CMPS/RinH-I: Causation in Epidemiology (RATs & Practice)	TOPSEVER, DEMİR
11:50 - 12:30	CMPS/RinH-I: Causation in Epidemiology (RATs & Practice)	TOPSEVER, DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
14:20 - 15:00	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
15:10 - 15:50	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Biosynthesis of lipids	Fehime AKSUNGAR
10:10 - 10:50	Biosynthesis of lipids	Fehime AKSUNGAR
11:00 - 11:40	CMPS/RinH-I: Literature review practice	Figen DEMİR
11:50 - 12:30	CMPS/RinH-I: Literature review practice	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Development of Head and Neck	Serap ARBAK
14:20 - 15:00	Development of Head and Neck	Serap ARBAK
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.01.2023 THURSDAY

08:30 - 09:10		
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	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Small group discussion related to metabolic diseases	AÖ, FA, ATB
10:10 - 10:50	Small group discussion related to metabolic diseases	AÖ, FA, ATB
11:00 - 11:40	Small group discussion related to metabolic diseases	AÖ, FA, ATB
11:50 - 12:30	Small group discussion related to metabolic diseases	AÖ, FA, ATB
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Small group discussion related to metabolic diseases	AÖ, FA, ATB
14:20 - 15:00	Small group discussion related to metabolic diseases	AÖ, FA, ATB
15:10 - 15:50	Small group discussion related to metabolic diseases	AÖ, FA, ATB
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/ RinH-I: Research integrity, Publication ethics	Fatih ARTVINLİ
11:00 - 11:40	CMPS/ RinH-I: Research integrity, Publication ethics	Fatih ARTVINLİ
11:50 - 12:30	CMPS/ RinH-I: Research integrity, Publication ethics	Fatih ARTVINLİ
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	

25.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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	MED113 Formative Assessment-II	ALTINTAŞ-AKSUNGAR
14:20 - 15:00	MED113 Formative Assessment-II	ALTINTAŞ-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	

26.01.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
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	MED 131 Biostatistics	
14:20 - 15:00	MED 131 Biostatistics	
15:10 - 15:50	MED 131 Biostatistics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I Resit Exam	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
10:10 - 10:50	MED 133 Medical English I Resit Exam	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
11:00 - 11:40	MED 133 Medical English I Resit Exam	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

30.01.2023 MONDAY

08:30 - 09:10	
09:20 - 10:00	
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

31.01.2023 TUESDAY

08:30 - 09:10	
09:20 - 10:00	
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 113 MIDTERM EXAMINATION II
15:10 - 15:50	MED 113 MIDTERM EXAMINATION II
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

01.02.2023 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	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

02.02.2023 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/R in H-I: Written Examination
12:30 - 13:30	Lunch Time
13:30 - 14:10	MED 131 Biostatistics
14:20 - 15:00	MED 131 Biostatistics
15:10 - 15:50	MED 131 Biostatistics
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

03.02.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

YEAR 1 SPRING SEMESTER SCHEDULE



20.02.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Introduction to MED 116 Blood, Immunity and Cancer	Merve ELMAS
10:10 - 10:50	Principles of Medical Microbiology	Tanıl KOCAGÖZ
11:00 - 11:40	CMPS/CS: Introduction to communication skills (CS)	TOPSEVER, ALTINTAŞ, DİNÇ, PARKAN, KİTAPÇIOĞLU
11:50 - 12:30	Bacterial classification Observation of Microorganisms by Microscopy	Sinem ÖKTEM OKULLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	General structures of bacteria, mycoplasma, chlamydia & rickettsiae	Sinem ÖKTEM OKULLU
14:20 - 15:00	General structures of bacteria, mycoplasma, chlamydia & rickettsiae	Sinem ÖKTEM OKULLU
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

21.02.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/CS: Basic life support -Group 1 (CASE)/decontamination groups 2&4	Dilek KİTAPÇIOĞLU CASE
10:10 - 10:50	CMPS/CS: Basic life support -Group 1 (CASE)	Dilek KİTAPÇIOĞLU CASE
11:00 - 11:40	CMPS/CS: Basic life support -Group 1 (CASE)	Dilek KİTAPÇIOĞLU CASE
11:50 - 12:30	CMPS/CS: Basic life support -Group 1 (CASE)	Dilek KİTAPÇIOĞLU CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	General structures of viruses	Tanıl KOCAGÖZ
14:20 - 15:00	General structures of viruses	Tanıl KOCAGÖZ
15:10 - 15:50	Sterilization and disinfection	Özgür KURT
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.02.2023 WEDNESDAY

08:30 - 09:10	General structures of parasites	Özgür KURT
09:20 - 10:00	General structures of parasites	Özgür KURT
10:10 - 10:50	General structures of parasites	Özgür KURT
11:00 - 11:40	General structures of fungi	Neval YURTTUTAN UYAR
11:50 - 12:30	General structures of fungi	Neval YURTTUTAN UYAR
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	Introduction to Elective in Medicine	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.02.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Laboratory safety, collection and transport of specimens	Neval YURTTUTAN UYAR
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	İU, YY, FD, PT, ŞP, FA, MŞ, MC
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.02.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.02.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Microbial growth cultivation of microorganisms	Sinem ÖKTEM OKULLU
11:00 - 11:40	Microbial growth cultivation of microorganisms	Sinem ÖKTEM OKULLU
11:50 - 12:30	Histology of blood cells	Merve AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Hematopoiesis	Deniz YÜCEL
14:20 - 15:00	Microbial pathogenesis	Sinem ÖKTEM OKULLU
15:10 - 15:50	Microbial pathogenesis	Sinem ÖKTEM OKULLU
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

28.02.2023 TUESDAY

08:30 - 09:10		
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	Study Time	
14:20 - 15:00	Functions of the erythrocytes	Hande YAPIŞLAR
15:10 - 15:50	Functions of the erythrocytes	Hande YAPIŞLAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Microbial genetics	Sinem ÖKTEM OKULLU
10:10 - 10:50	Microbial genetics	Sinem ÖKTEM OKULLU
11:00 - 11:40	Functions of the leukocytes	Hande YAPIŞLAR
11:50 - 12:30	Functions of the leukocytes	Hande YAPIŞLAR
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

02.03.2023 THURSDAY

08:30 - 09:10		
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	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

03.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.03.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Biochemical features of blood cells	Sema GENÇ
10:10 - 10:50	Biochemical features of blood cells	Sema GENÇ
11:00 - 11:40	Histology of the lymphatic organs	Serap ARBAK
11:50 - 12:30	Histology of the lymphatic organs	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Blood groups and hematocrit (GroupA)	Hande YAPIŞLAR A301
14:20 - 15:00	LAB: Blood groups and hematocrit (GroupA)	Hande YAPIŞLAR A301
15:10 - 15:50	Principles of Immunology	Tanıl KOCAGÖZ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

07.03.2023 TUESDAY

08:30 - 09:10		
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	Antigens	Sinem ÖKTEM OKULLU
14:20 - 15:00	Antibodies	Neval YURTTUTAN UYAR
15:10 - 15:50	Antibodies	Neval YURTTUTAN UYAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.03.2023 WEDNESDAY

08:30 - 09:10	Introduction to PBL	Meltem KOLGAZİ
09:20 - 10:00	Introduction to PBL Meeting rooms	BK, CAB, DY, DÖA, FD, ME, SÖO
10:10 - 10:50	Introduction to PBL Meeting rooms	BK, CAB, DY, DÖA, FD, ME, SÖO
11:00 - 11:40	Introduction to PBL Meeting rooms	BK, CAB, DY, DÖA, FD, ME, SÖO
11:50 - 12:30	Introduction to PBL Meeting rooms	BK, CAB, DY, DÖA, FD, ME, SÖO
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/H&S-I: Narratives of ill health	Yeşim YASİN
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	Blood groups	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.03.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Development of the lymphatic organs	Merve AÇIKEL ELMAS
10:10 - 10:50	Innate immunity	Neval YURTTUTAN UYAR
11:00 - 11:40	Complement system	Tanıl KOCAGÖZ
11:50 - 12:30	Complement system	Tanıl KOCAGÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Blood groups and hematocrit (Group B)	Hande YAPIŞLAR
14:20 - 15:00	LAB: Blood groups and hematocrit (Group B)	Hande YAPIŞLAR
15:10 - 15:50	Hypersensitivity reactions (Immunological approach)	Özgür KURT
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

14.03.2023 TUESDAY

08:30 - 09:10	Doctor's Day	
09:20 - 10:00	Doctor's Day	
10:10 - 10:50	Doctor's Day	
11:00 - 11:40	Doctor's Day	
11:50 - 12:30	Doctor's Day	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
14:20 - 15:00	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
15:10 - 15:50	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
16:00 - 16:40	CMPS/CS: Basic life support -Group 4 (CASE)	Dilek KİTAPÇIOĞLU
16:50 - 17:30	Doctor's Day	

15.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Fluorescence applications in medicine	Devrim ÖZ ARSLAN
10:10 - 10:50	Study Time	
11:00 - 11:40	PBL_Session 1 Meeting rooms	ATB, CAB, MK, ZD, NAÜ, ÖHN, ÖK
11:50 - 12:30	PBL_Session 1 Meeting rooms	ATB, CAB, MK, ZD, NAÜ, ÖHN, ÖK
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.03.2023 THURSDAY

08:30 - 09:10	CMPS/H&S-I: Basic Health Outcomes and Burden of Disease	Figen DEMİR
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: Social determinants of health	İnci USER
11:00 - 11:40	CMPS/H&S-I: Social determinants of health	İnci USER
11:50 - 12:30	Study Time for PBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.03.2023 FRIDAY

08:30 - 09:10	Study time for PBL	
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.03.2023 MONDAY

08:30 - 09:10	Study time for PBL	
09:20 - 10:00	Adaptive immunity	Tanıl KOCAGÖZ
10:10 - 10:50	Adaptive immunity	Tanıl KOCAGÖZ
11:00 - 11:40	LAB: Lymphoid organs and blood (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Lymphoid organs and blood (Group A)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Lymphoid organs and blood (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
14:20 - 15:00	LAB: Lymphoid organs and blood (Group B)	ARBAK, YÜCEL, AÇIKEL ELMAS A301
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

21.03.2023 TUESDAY

08:30 - 09:10		
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	Immune disorders	Burçin BEKEN
14:20 - 15:00	LAB: Blood smear (Group A)	Hande YAPIŞLAR
15:10 - 15:50	LAB: Blood smear (Group A)	Hande YAPIŞLAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	PBL_Session 2 Meeting rooms	ATB, CAB, MK, ZD, NAÜ, ÖHN, ÖK
10:10 - 10:50	PBL_Session 2 Meeting rooms	ATB, CAB, MK, ZD, NAÜ, ÖHN, ÖK
11:00 - 11:40	LAB: Blood smear (Group B)	Hande YAPIŞLAR A301
11:50 - 12:30	LAB: Blood smear (Group B)	Hande YAPIŞLAR A301
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Hypersensitivity reactions	Işın DOĞAN EKİCİ
10:10 - 10:50	CMPS/H&S-I: Inequalities and inequities 1	İnci USER
11:00 - 11:40	CMPS/H&S-I: Inequalities and inequities 2	Yeşim YASIN
11:50 - 12:30	CMPS/H&S-I: Inequalities and inequities 2	Yeşim YASIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.03.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	MED116 Formative Assesment I	ALTINTAŞ- AÇIKEL ELMAS
10:10 - 10:50	MED116 Formative Assesment I	ALTINTAŞ- AÇIKEL ELMAS
11:00 - 11:40	PBL_Session 3 Meeting rooms	ATB, CAB, MK, ZD, NAÜ, ÖHN, ÖK
11:50 - 12:30	PBL_Session 3 Meeting rooms	ATB, CAB, MK, ZD, NAÜ, ÖHN, ÖK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Immunological diagnostic tools	Neval YURTTUTAN UYAR
14:20 - 15:00	Immunological diagnostic tools	Neval YURTTUTAN UYAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

28.03.2023 TUESDAY

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

29.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	MED 116 THEORETICAL EXAMINATION I	
10:10 - 10:50	MED 116 THEORETICAL EXAMINATION I	
11:00 - 11:40		
11:50 - 12:30		
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

30.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	TBL Introduction: Function of Platelets and Coagulation Mechanism	ALTINTAŞ, YAPIŞLAR, GENÇ
10:10 - 10:50	CMPS/H&S-I: Dialogue of a physician and social scientist	USER, ÖZER
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	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

31.03.2023 FRIDAY

08:30 - 09:10	Introduction to Pathology	İkser AKPOLAT Zoom
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

03.04.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Laboratory diagnosis of allergic diseases	Mustafa SERTESER
10:10 - 10:50	Laboratory diagnosis of allergic diseases	Mustafa SERTESER
11:00 - 11:40	Transplantation rejection pathology and autoimmune diseases	Işın DOĞAN EKİCİ
11:50 - 12:30	Transplantation rejection pathology and autoimmune diseases	Işın DOĞAN EKİCİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cellular responses to stress and toxic insults	İlkser AKPOLAT Zoom
14:20 - 15:00	Cellular responses to stress and toxic insults	İlkser AKPOLAT Zoom
15:10 - 15:50	Heme synthesis and disorders	Sema GENÇ Zoom
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.04.2023 TUESDAY

08:30 - 09:10	TBL study time	
09:20 - 10:00	TBL study time	
10:10 - 10:50	TBL Session: Function of Platelets	YAPIŞLAR, GENÇ
11:00 - 11:40	TBL Session: Function of Platelets	YAPIŞLAR, GENÇ
11:50 - 12:30	TBL Session: Function of Platelets	YAPIŞLAR, GENÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolism of oxygen binding proteins	Sema GENÇ
14:20 - 15:00	Metabolism of oxygen binding proteins	Sema GENÇ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.04.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Mechanisms of major anemias	Sema GENÇ
10:10 - 10:50	Mechanisms of major anemias	Sema GENÇ
11:00 - 11:40	Prostaglandins	Abdurrahman COŞKUN
11:50 - 12:30	Prostaglandins	Abdurrahman COŞKUN
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.04.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/H&S-I:General structure of the health care system in Turkey	Pınar TOPSEVER
11:00 - 11:40	CMPS/H&S-I:General structure of the health care system in Turkey	Pınar TOPSEVER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

07.04.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.04.2023 MONDAY

08:30 - 09:10	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	TO BE ANNOUNCED IN DUE COURSE
09:20 - 10:00	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	TO BE ANNOUNCED IN DUE COURSE
10:10 - 10:50	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	TO BE ANNOUNCED IN DUE COURSE
11:00 - 11:40	CMPS/H&S-I: Primary health care in Turkey, Site Visit PC Facilities	TO BE ANNOUNCED IN DUE COURSE
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cytokines	Abdurrahman COŞKUN
14:20 - 15:00	Cytokines	Abdurrahman COŞKUN
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.04.2023 TUESDAY

08:30 - 09:10	TBL study time	
09:20 - 10:00	TBL study time	
10:10 - 10:50	TBL Session: Coagulation Mechanism	YAPIŞLAR, GENÇ
11:00 - 11:40	TBL Session: Coagulation Mechanism	YAPIŞLAR, GENÇ
11:50 - 12:30	TBL Session: Coagulation Mechanism	YAPIŞLAR, GENÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Plasma proteins	Abdurrahman COŞKUN
14:20 - 15:00	Plasma proteins	Abdurrahman COŞKUN
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.04.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Iron deficiency in PHC	Demet DİNÇ
11:00 - 11:40	From pathology to disease	Pınar TOPSEVER
11:50 - 12:30	CMPS/H&S-I: Reflection session for site visit	YASIN, DEMİR, TOPSEVER, DİNÇ
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.04.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30	CMPS/H&S: Written Examination	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

14.04.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 134 Medical English II Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 134 Medical English II Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 134 Medical English II Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.04.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Introduction to pharmacology and toxicology	Filiz ONAT
10:10 - 10:50	Hematopoetics drugs: Growth factors, minerals and vitamins	Filiz ONAT
11:00 - 11:40	Pathology of bone marrow	Nuray BAŞŞÜLLÜ
11:50 - 12:30	Pathology of bone marrow	Nuray BAŞŞÜLLÜ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of bone marrow	Nuray BAŞŞÜLLÜ
14:20 - 15:00	Pathology of bone marrow	Nuray BAŞŞÜLLÜ
15:10 - 15:50	TBL: Review of TBL	YAPIŞLAR, GENÇ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.04.2023 TUESDAY

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

19.04.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.04.2023 THURSDAY

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	

21.04.2023 FRIDAY

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	

24.04.2023 MONDAY

08:30 - 09:10	
09:20 - 10:00	
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

25.04.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/CS: Orientation to CS	Levent ALTINTAŞ
11:00 - 11:40	CMPS/CS: Stages of psychosocial development	Nilay PEKEL ULUDAĞLI
11:50 - 12:30	CMPS/CS: Attention, emotion, cognition	Bernis SÜTÇÜBAŞI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Tissue renewal, repair and regeneration	İlkser AKPOLAT Zoom
14:20 - 15:00	Tissue renewal, repair and regeneration	İlkser AKPOLAT Zoom
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.04.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Biochemical aspects of cell death	Fehime AKSUNGAR
11:00 - 11:40	Biochemical aspects of cell death	Fehime AKSUNGAR
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.04.2023 THURSDAY

08:30 - 09:10	
09:20 - 10:00	
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	MED 132 Bioinformatics: Midterm Examination
14:20 - 15:00	MED 132 Bioinformatics: Midterm Examination
15:10 - 15:50	MED 132 Bioinformatics: Midterm Examination
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

28.04.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.05.2023 MONDAY

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	Lunch Time
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

02.05.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Definitions and nomenclature of neoplasia	Cüyan DEMİRKESEN
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: Basic principles of CS (Assessment & practice in class)	ALTINTAŞ, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cellular quality control mechanisms	Devrim ÖZ ARSLAN
14:20 - 15:00	Cellular quality control mechanisms	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	

03.05.2023 WEDNESDAY

08:30 - 09:10		
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.05.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	MED 116 Formative Assesment II	ALTINTAŞ- AÇIKEL ELMAS
11:00 - 11:40	MED 116 Formative Assesment II	ALTINTAŞ- AÇIKEL ELMAS
11:50 - 12:30	Approach to a patient with anemia	Fatma DEMİR YENİGÜRBÜZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.05.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.05.2023 MONDAY

08:30 - 09:10	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
09:20 - 10:00	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
10:10 - 10:50	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
11:00 - 11:40	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
11:50 - 12:30	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
14:20 - 15:00	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
15:10 - 15:50	CMPS/H&S-I: Poster presentation and evaluation	YY, FD, PT, YIÜ, FA, DD, İÜ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.05.2023 TUESDAY

08:30 - 09:10		
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: How to manage stress (Assessment & practice in class)	ALTINTAŞ, TOPSEVER
11:50 - 12:30		
12:30 - 13:30	Lunch Time	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.05.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	MED 116 THEORETICAL EXAMINATION II	
10:10 - 10:50	MED 116 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	Elective in Medicine	
14:20 - 15:00	Elective in Medicine	
15:10 - 15:50	Elective in Medicine	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.05.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Electromagnetic spectrum	Evren KILINÇ
10:10 - 10:50	Radioactivity and decay law	Beki KAN
11:00 - 11:40	Types of radiation	Beki KAN
11:50 - 12:30		
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.05.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.05.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Physical half-life, biological half life	Beki KAN
10:10 - 10:50	Characteristics of benign and malignant tumors	Cüyan DEMİRKESEN
11:00 - 11:40	Rate of growth, invasion and metastasis	Cüyan DEMİRKESEN
11:50 - 12:30		
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Molecular basis of hematological malignancies	Uğur ÖZBEK
14:20 - 15:00	Molecular basis of hematological malignancies	Uğur ÖZBEK
15:10 - 15:50	Molecular basis of hemoglobinopathies	Cemaliye AKYERLİ BOYLU
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.05.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
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	Tumor suppressor and other genes in carcinogenesis	Cüyan DEMİRKESEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Epidemiology, environmental factors, heredity	Cüyan DEMİRKESEN
14:20 - 15:00	General principles of molecular basis of cancer and oncogenes	Cüyan DEMİRKESEN
15:10 - 15:50	Cancer epidemiology and etiology	Yeşim YASİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.05.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Host defense against tumor	Cüyan DEMİRKESEN
10:10 - 10:50	Angiogenesis, metastatic cascade, carcinogenetic agents	Cüyan DEMİRKESEN
11:00 - 11:40	Mechanisms of neoplasia and tumor markers	Fehime AKSUNGAR
11:50 - 12:30	Mechanisms of neoplasia and tumor markers	Fehime 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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.05.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Interaction of radiation with matter	Devrim ÖZ ARSLAN
10:10 - 10:50	Interaction of radiation with matter	Devrim ÖZ ARSLAN
11:00 - 11:40		
11:50 - 12:30	Benign lymph node diseases	Nuray BAŞSÜLLÜ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.05.2023 FRIDAY

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

22.05.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Dosimetry, basic concepts	Devrim ÖZ ARSLAN
10:10 - 10:50	Effects of ionizing radiation on the cell and organism	Devrim ÖZ ARSLAN
11:00 - 11:40	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
11:50 - 12:30	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
14:20 - 15:00	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
15:10 - 15:50	Molecular and radiobiological behavior	Devrim ÖZ ARSLAN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.05.2023 TUESDAY

08:30 - 09:10		
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: Doctor patient relationship (Assessment & practice in class)	ALTINTAŞ, PARKAN, TOPSEVER
11:50 - 12:30		
12:30 - 13:30	Lunch Time	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.05.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

25.05.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	Molecular pathology	Sibel ERDAMAR ÇETİN
11:50 - 12:30	Molecular pathology	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.05.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

29.05.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
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	Hereditary cancers	Uğur ÖZBEK
14:20 - 15:00	Cancer prevention (periodical health examination and screening)	Pınar TOPSEVER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

30.05.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, TOPSEVER
10:10 - 10:50	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, TOPSEVER
11:00 - 11:40	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, TOPSEVER
11:50 - 12:30	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, 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	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

31.05.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.06.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	International classification of functionality	Efe ONGANER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

02.06.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.06.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	MED 116 Formative Assessment III	ALTINTAŞ-AÇIKEL ELMAS
10:10 - 10:50	MED 116 Formative Assessment III	ALTINTAŞ-AÇIKEL ELMAS
11:00 - 11:40		
11:50 - 12:30		
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	

06.06.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, TOPSEVER
10:10 - 10:50	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, TOPSEVER
11:00 - 11:40	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, TOPSEVER
11:50 - 12:30	CMPS/CS: Student group performances (Assessment & practice in class)	DİNÇ, PARKAN, ALTINTAŞ, 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	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

07.06.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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 I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.06.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
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	MED 132 Bioinformatics	
14:20 - 15:00	MED 132 Bioinformatics	
15:10 - 15:50	MED 132 Bioinformatics	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.06.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 133 Medical English I	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.06.2023 MONDAY

08:30 - 09:10	
09:20 - 10:00	
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 116 THEORETICAL EXAMINATION III
15:10 - 15:50	MED 116 THEORETICAL EXAMINATION III
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

13.06.2023 TUESDAY

08:30 - 09:10	
09:20 - 10:00	
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

14.06.2023 WEDNESDAY

08:30 - 09:10	
09:20 - 10:00	
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 I / Study time
16:50 - 17:30	Elective Course I / Study time

15.06.2023 THURSDAY

08:30 - 09:10	
09:20 - 10:00	
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	MED 132 Bioinformatics Final Examination
14:20 - 15:00	MED 132 Bioinformatics Final Examination
15:10 - 15:50	MED 132 Bioinformatics Final Examination
16:00 - 16:40	Elective Course I / Study time
16:50 - 17:30	Elective Course I / Study time

16.06.2023 FRIDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	MED 134 Medical English II Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
10:10 - 10:50	MED 134 Medical English II Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:00 - 11:40	MED 134 Medical English II Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
11:50 - 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ UZEM
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	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN UZEM
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	



YEAR

II

YEAR II - COURSES (2022-2023)

"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					
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	325	5	12
	MED 222	Medical Ethics and Humanities-II	12	12	24					24	50	75	2	3
	CMPS 2	TOTAL	34	35	69	24	33	0	0	126	270	400	7	15
	EMED 201	Electives in Medicine-II	7	14	21	14	14			49	60	102	2	4
Complementary Medical Courses (CMC)	EMED 202	Electives in Medicine-III	7	14	21	14	14			49	60	102	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	1619	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	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	20.12.2022 - 03.02.2023

Theoretical Hours	48	Credit 7	ECTS 6
Practical Hours	34		
Study Hours	60		
TOTAL HOURS	142		

Course Chairs

Emel BALOĞLU

M.D., Ph.D., Assoc. Prof. Pharmacology
emel.baloglu@acibadem.edu.tr

Faculty

Beki KAN

Ph.D., Prof. Biophysics

Zeynep DURER

Ph.D., Assoc. Prof. Biophysics

Pınar TOPSEVER

M.D., Prof. Family Medicine

Demet DİNÇ

M.D., Instructor Family Medicine

Şirin PARKAN

M.D., Instructor Family Medicine

Figen DEMİR

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

Yeşim YASİN

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

Hande YAPIŞLAR

Ph.D., Assoc. Prof. Physiology

Tanıl KOCAGÖZ

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

Yeşim GÜROL

M.D., Prof. Medical Microbiology

Özgür KURT

M.D., Prof. Medical Microbiology

Neval YURTTUTAN UYAR

M.D., Assist. Prof. Medical Microbiology

Sinem ÖKTEM OKULLU

Assist. Prof. Medical Microbiology

Eda KURT

M.D., Instructor Medical Microbiology

Filiz ONAT

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

Emel BALOĞLU

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

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

Hülya KUŞOĞLU

M.D., Assist. Prof. Infectious Diseases

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 injury 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. Define the basic pharmacokinetic and pharmacodynamics principles of drugs
5. Explain pharmacological approaches against infectious diseases
6. Explain the epidemiology and prevention of infectious diseases
7. Define the basic pharmacokinetic and pharmacodynamic principles of drugs
8. Explains and comprehends pharmacokinetics and pharmacodynamic mechanisms, drug interactions factors affecting drug interactions
9. 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	20.02.2023 - 10.05.2023

Theoretical Hours	136	Credit 13	ECTS 13
Practical Hours	19		
Study Hours	170		
TOTAL HOURS	325		

Course Chairs

Abdulveli İSMAİLOĞLU
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Faculty

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M.D., Prof. Neurology

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Haluk ÖZKARAKAŞ
M.D., Prof. Otorhinolaryngology

Ahmet KOÇ
M.D., Prof. Otorhinolaryngology

Fatih ARTVINLİ
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Alp DİNÇER
M.D., Prof. Radiology

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Burcu YAVUZ
M.D., Assoc. Prof. Psychiatry

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	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	03.10.2022 - 16.12.2022

Theoretical Hours	94	Credit 8	ECTS 7
Practical Hours	12		
Study Hours	70		
TOTAL HOURS	176		

Course Chairs

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Melike ŞAHİNER

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

Educational Methods	Lectures , Team based learning, 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 musculoskeletal system. It also aims to explain pathological changes in these structures and associate them with common musculoskeletal diseases.

Learning Outcomes

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

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	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	11.05.2023 - 15.06.2023

Theoretical Hours	45	Credit 5	ECTS 5
Practical Hours	13		
Study Hours	60		
TOTAL HOURS	118		

Course Chairs

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Rüştü SERTER

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Özlem ÇELİK

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PhD., Assoc. Prof. Physiology

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

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	04.10.2022 - 13.11.2022

Theoretical Hours	22	Credit 5	ECTS 12
Practical Hours	23		
Study Hours	220		
TOTAL HOURS	265		

Course Chairs

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

Filiz ONAT
M.D., Prof. Pharmacology

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
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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	21.02.2023 - 16.05.2023

Theoretical Hours	12	Credit 2	ECTS 3
Practical Hours	12		
Study Hours	50		
TOTAL HOURS	74		

Course Chairs

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Faculty

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

Educational Methods	Lectures, case studies, class discussions and self-directed learning sessions,
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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	04.10.2022-13.06.2023

Theoretical Hours	56	Credit 6	ECTS 4
Practical Hours	-		
Study Hours	40		
TOTAL HOURS	96		

Course Chairs

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Coordinator

Motassem BOWARSHI
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Beyza KARACİBİOĞLU
Instructor, Foreign Languages

Serdar DUMAN
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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The background features a scenic view of a lake surrounded by trees with vibrant autumn foliage in shades of orange, yellow, and red. In the distance, a building with a dark roof is visible. The scene is overlaid with large, semi-transparent, organic shapes in muted green and orange tones. The title text is centered in a bold, dark brown font.

YEAR 2 FALL SEMESTER SCHEDULE

03.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Introduction to Year II	Zeynep DURER
11:00 - 11:40	Introduction to MED 213 Musculoskeletal System	Elif KESKİNÖZ
11:50 - 12:30	Histology of cartilage	Merve AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Human anatomy; general considerations	Alp BAYRAMOĞLU
14:20 - 15:00	Musculoskeletal system; general considerations	Elif KESKİNÖZ
15:10 - 15:50	Musculoskeletal system; general considerations	Elif KESKİNÖZ
16:00 - 16:40	Vectors, forces and Newton's Law	Zeynep DURER
16:50 - 17:30	Vectors, forces and Newton's Law	Zeynep DURER

04.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	CMPS: Introduction to CMPS	TOPSEVER, DEMİR
10:10 - 10:50	CMPS/ RinH-II: Introduction to Research in Health	Figen 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	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Bone cycle and biomarkers	Fehime AKSUNGAR
16:50 - 17:30	Calcium homeostasis	Fehime AKSUNGAR

05.10.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Introduction to the Anatomy TBL and FC Sessions	Abdul Veli İSMAİLOĞLU
10:10 - 10:50	Collagen structure and synthesis	Fehime AKSUNGAR
11:00 - 11:40	Collagen structure and synthesis	Fehime AKSUNGAR
11:50 - 12:30	Biochemistry of synovial fluid	Fehime AKSUNGAR
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	

06.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	TBL 1 Study Time: Upper Extremity Bones	
10:10 - 10:50	TBL 1 Study Time: Upper Extremity Bones	
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	LAB: Microscope Skills Group A	SA, DY, MAE A301
14:20 - 15:00	LAB: Microscope Skills Group A	SA, DY, MAE A301
15:10 - 15:50	LAB: Microscope Skills Group B	SA, DY, MAE A301
16:00 - 16:40	LAB: Microscope Skills Group B	SA, DY, MAE A301
16:50 - 17:30	Study Time	

07.10.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Histology of cartilage and bone_ Group A	SA, DY, MAE A301
10:10 - 10:50	LAB: Histology of cartilage and bone_ Group A	SA, DY, MAE A301
11:00 - 11:40	LAB: Histology of cartilage and bone_ Group B	SA, DY, MAE A301
11:50 - 12:30	LAB: Histology of cartilage and bone_ Group B	SA, DY, MAE A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Anatomy Laboratory Introduction	Mustafa AKTEKİN Anatomy Lab
14:20 - 15:00	TBL 1 Study Time: Upper Extremity Bones	
15:10 - 15:50	TBL 1 Group Study Time: Upper Extremity Bones	Anatomy Lab
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
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	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	

11.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/RinH-II: An introduction to 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	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

12.10.2022 WEDNESDAY

08:30 - 09:10	TBL 1: Readiness test "upper extremity bones"	Abdul Veli İSMAİLOĞLU
09:20 - 10:00	TBL 1 LAB: Upper extremity bones Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	TBL 1 LAB: Upper extremity bones Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	TBL 1 LAB: Upper extremity bones Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	TBL 1 LAB: Upper extremity bones Group B	AB, MA, EK, AVİ Anatomy Lab
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	

13.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
10:10 - 10:50	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
11:00 - 11:40	Muscle proteins	Fehime AKSUNGAR
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioenergetics of muscle contraction	Beki KAN
14:20 - 15:00	Bioenergetics of muscle contraction	Beki KAN
15:10 - 15:50	Physiology of muscle contraction (skeletal and smooth)	Meltem KOLGAZI
16:00 - 16:40	Physiology of muscle contraction (skeletal and smooth)	Meltem KOLGAZI
16:50 - 17:30	Study Time	

14.10.2022 FRIDAY

08:30 - 09:10		
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	Pharmacokinetics: Drug metabolism and elimination	Filiz ONAT
11:50 - 12:30	Pharmacokinetics: Drug metabolism and elimination	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of muscle_ Group B	SA, DY, MAE A301
14:20 - 15:00	LAB: Histology of muscle_ Group B	SA, DY, MAE A301
15:10 - 15:50	LAB: Histology of muscle_ Group A	SA, DY, MAE A301
16:00 - 16:40	LAB: Histology of muscle_ Group A	SA, DY, MAE A301
16:50 - 17:30	Study Time	

17.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	TBL 2 Study Time: Lower Extremity Bones	
11:00 - 11:40	TBL 2 Study Time: Lower Extremity Bones	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL 2 Group Study Time: Lower Extremity Bones	Anatomy Lab
14:20 - 15:00	Study Time	
15:10 - 15:50	Regulation and control of muscle contraction	Meltem KOLGAZI
16:00 - 16:40	Regulation and control of muscle contraction	Meltem KOLGAZI
16:50 - 17:30	Study Time	

18.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
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	MED 233 Medical English III	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.10.2022 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	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	TBL 2 LAB: Lower Extremity Bones Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	TBL 2 LAB: Lower Extremity Bones Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	TBL 2 LAB: Lower Extremity Bones Group A	AB, MA, EK, AVİ Anatomy Lab
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	

20.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Infections of the soft tissue	Hülya KUŞOĞLU
11:50 - 12:30	Infections of the soft tissue	Hülya KUŞOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Work, energy, and power	Zeynep DURER
14:20 - 15:00	Work, energy, and power	Zeynep DURER
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.10.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	TBL 3 Study Time: Skull	
10:10 - 10:50	TBL 3 Study Time: Skull	
11:00 - 11:40	TBL 3 Study Time: Skull	
11:50 - 12:30	TBL 3 Study Time: Skull	
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	

24.10.2022 MONDAY

08:30 - 09:10		
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	Development of skeletal system	Merve AÇIKEL ELMAS
14:20 - 15:00	Development of skeletal system	Merve AÇIKEL ELMAS
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/RinH-II: Qualitative studies	Yeşim YASİN
11:50 - 12:30	CMPS/RinH-II: Cross-sectional studies	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİÖĞLU Zoom
16:00 - 16:40	TBL 3 Group Study Time: Skull	Anatomy Lab
16:50 - 17:30	Study Time	

26.10.2022 WEDNESDAY

08:30 - 09:10	TBL 3: Readiness test "Skull"	Elif KESKİNÖZ
09:20 - 10:00	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	TBL 3 LAB: Splanchnocranium & Neurocranium & Skull (Normas) Group B	AB, MA, EK, AVİ Anatomy Lab
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	
16:50 - 17:30	Elective Course III/Study Time	

27.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Joints of Upper Extremity	Mustafa AKTEKİN
10:10 - 10:50	Joints of Upper Extremity	Mustafa AKTEKİN
11:00 - 11:40	Gravity, equilibrium, torque	Evren KILINÇ
11:50 - 12:30	Equilibrium of the body	Evren KILINÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Superficial back	Abdul Veli İSMAİLOĞLU
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.10.2022 FRIDAY

08:30 - 09:10		
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	TBL 4 Study Time: Vertebrae , Ribs, Sternum	
11:50 - 12:30	TBL 4 Study Time: Vertebrae , Ribs, Sternum	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL 4 Group Study Time: Vertebrae , Ribs, Sternum	Anatomy Lab
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.10.2022 MONDAY

08:30 - 09:10	FC1 Study Time: Shoulder region, pectoral region and breast	
09:20 - 10:00	FC1 Study Time: Shoulder region, pectoral region and breast	
10:10 - 10:50	FC1 Study Time: Anterior and posterior aspect of arm and cubital fossa	
11:00 - 11:40	FC1 Study Time: Axillary Region	
11:50 - 12:30	FC1 Group Study Time: Shoulder, axillary & pectoral regions, breast, ant.& post. aspects of arm and cubital fossa	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	

01.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/RinH-II: Case control studies	Pınar TOPSEVER
11:00 - 11:40	CMPS/RinH-II:Cohort studies	Figen DEMİR
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Bone fracture healing	Özlem AYDIN
16:50 - 17:30	Study Time	

02.11.2022 WEDNESDAY

08:30 - 09:10	TBL 4 : Readiness test "Vertebrae , Ribs, Sternum"	Mustafa AKTEKİN
09:20 - 10:00	TBL 4 LAB: Vertebrae, Ribs, Sternum Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	TBL 4 LAB: Vertebrae, Ribs, Sternum Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	TBL 4 LAB: Vertebrae, Ribs, Sternum Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	TBL 4 LAB: Vertebrae, Ribs, Sternum Group B	AB, MA, EK, AVİ Anatomy Lab
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	

03.11.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Physical principles of CT, MRI and ultrasonography	Evren KILINÇ
11:00 - 11:40	EMG	Evren KILINÇ
11:50 - 12:30	Fractures, general principles	Buğra ALPAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Joints of upper extremity_Group B	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: Joints of upper extremity_Group A	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	FC2 Study Time: Anterior and posterior aspect of forearm	
16:00 - 16:40	FC2 Study Time: Anterior and posterior aspect of forearm	
16:50 - 17:30	Study Time	

04.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	FC2 Study Time: Hand	
10:10 - 10:50	FC2 Study Time: Hand	
11:00 - 11:40	Brachial plexus	Alp BAYRAMOĞLU
11:50 - 12:30	Brachial plexus	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC1 Discussion: Shoulder, pectoral region, breast & anterior and posterior aspect of arm and cubital fossa & axillary region	Alp BAYRAMOĞLU
14:20 - 15:00	FC1 Discussion: Shoulder, pectoral region, breast & anterior and posterior aspect of arm and cubital fossa & axillary region	Alp BAYRAMOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	FC2 Group Study Time: Anterior and posterior aspect of forearm & Hand	
11:00 - 11:40	LAB: Superficial back, pectoral region, breast, shoulder region_B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Superficial back, pectoral region, breast, shoulder region_B	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Axillar reg, ant. and post. aspect of arm, cubital fossa_Group A	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: Axillar reg, ant. and post. aspect of arm, cubital fossa_Group A	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	Etiologies of bone and joint infections	Serap GENÇER
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

08.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	FC-2 Discussion: Anterior & posterior aspect of forearm & Hand	Elif Nedret KESKİNÖZ
10:10 - 10:50	FC-2 Discussion: Anterior & posterior aspect of forearm & Hand	Elif Nedret KESKİNÖZ
11:00 - 11:40	CMPS/RinH-II:Experimental studies	Figen DEMİR
11:50 - 12:30	CMPS/RinH-II:Experimental studies	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Anterior and posterior aspect of forearm, hand _Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Anterior and posterior aspect of forearm, hand _Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Anterior and posterior aspect of forearm, hand _Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Anterior and posterior aspect of forearm, hand _Group B	AB, MA, EK, AVİ Anatomy Lab
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	

10.11.2022 THURSDAY

08:30 - 09:10	Atatürk Memorial Day	
09:20 - 10:00	Atatürk Memorial Day	
10:10 - 10:50	Atatürk Memorial Day	
11:00 - 11:40	Atatürk Memorial Day	
11:50 - 12:30	Atatürk Memorial Day	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Brachial plexus _Group B	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: Brachial plexus _Group B	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	LAB: Brachial plexus _Group A	AB, MA, EK, AVİ Anatomy Lab
16:00 - 16:40	LAB: Brachial plexus _Group A	AB, MA, EK, AVİ Anatomy Lab
16:50 - 17:30		

11.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Formative Assessment I	ALTINTAŞ, KESKİNÖZ
11:00 - 11:40	Formative Assessment I	ALTINTAŞ, KESKİNÖZ
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	

14.11.2022 MONDAY

08:30 - 09:10	
09:20 - 10:00	Study Time
10:10 - 10:50	MED 213 PRATICAL EXAMINATION I
11:00 - 11:40	MED 213 PRATICAL EXAMINATION I
11:50 - 12:30	Study Time
12:30 - 13:30	Lunch Time
13:30 - 14:10	Study Time
14:20 - 15:00	MED 213 THEORETICAL EXAMINATION I
15:10 - 15:50	MED 213 THEORETICAL EXAMINATION I
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

15.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/RinH-II:Animal studies	Melike ŞAHİNER
10:10 - 10:50	CMPS/RinH-II:Clinical & drug research	Filiz ONAT
11:00 - 11:40	Work related musculoskeletal disorders (ergonomy)	Yeşim YASIN
11:50 - 12:30	Pharmacodynamics: Principles of drug actions	Emel BALOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 233 Medical English III Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Joints of lower extremity	Elif KESKİNÖZ
16:50 - 17:30	Joints of lower extremity	Elif KESKİNÖZ

16.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Pharmacodynamics:drug receptor interactions and dose-response relations	Emel BALOĞLU
10:10 - 10:50	Pharmacodynamics:drug receptor interactions and dose-response relations	Emel BALOĞLU
11:00 - 11:40	Molecular basis of musculoskeletal development	Yasemin ALANAY
11:50 - 12:30	Genetic disorders of bone and connective tissue	Yasemin ALANAY
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	
16:50 - 17:30	Elective Course III/Study Time	

17.11.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Drug interactions and factors affecting drug interactions	Filiz ONAT
10:10 - 10:50	Drug interactions and factors affecting drug interactions	Filiz ONAT
11:00 - 11:40	Gluteal region and posterior aspect of thigh	Elif KESKİNÖZ
11:50 - 12:30	Gluteal region and posterior aspect of thigh	Elif 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	Study Time	
16:50 - 17:30	Study Time	

18.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Anterior & medial thigh & femoral triangle	Alp BAYRAMOĞLU
10:10 - 10:50	Anterior & medial thigh & femoral triangle	Alp BAYRAMOĞLU
11:00 - 11:40	LAB: Joints of lower extremity_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Joints of lower extremity_Group B	AB, MA, EK, AVİ 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	

21.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Gluteal region and posterior aspect of thigh_Group B	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Gluteal region and posterior aspect of thigh_Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Gluteal region and posterior aspect of thigh_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Gluteal region and posterior aspect of thigh_Group A	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC3 Study Time: Anterior and lateral aspect of leg	
14:20 - 15:00	FC3 Study Time: Anterior and lateral aspect of leg	
15:10 - 15:50	FC3 Study Time: Posterior aspect of leg & popliteal fossa	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

22.11.2022 TUESDAY

08:30 - 09:10		
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	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	FC-3 Study Time: Foot	
16:50 - 17:30	Study Time	

23.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Anterior & medial thigh & femoral triangle_Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Anterior & medial thigh & femoral triangle_Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Anterior & medial thigh & femoral triangle_Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Anterior & medial thigh & femoral triangle_Group B	AB, MA, EK, AVİ Anatomy Lab
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	
16:50 - 17:30	Elective Course III/Study Time	

24.11.2022 THURSDAY

08:30 - 09:10		
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	FC3 Group Study Time: Anterior and lateral aspect of leg, posterior aspect of leg & popliteal fossa, Foot	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pharmacogenetics:receptors, transporters and enzymes polymorphisms	Filiz ONAT
14:20 - 15:00	Pharmacogenetics:receptors, transporters and enzymes polymorphisms	Filiz ONAT
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	"FC3 Discussion: Anterior and lateral aspect of leg, posterior aspect of leg & popliteal fossa, foot"	Abdul Veli İSMAİLOĞLU
11:50 - 12:30	"FC3 Discussion: Anterior and lateral aspect of leg, posterior aspect of leg & popliteal fossa, foot"	Abdul Veli İSMAİLOĞLU
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	

28.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Anterior, posterior, lateral aspects of leg & popliteal fossa_ Group B	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Anterior, posterior, lateral aspects of leg & popliteal fossa_ Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Anterior, posterior, lateral aspects of leg & popliteal fossa_ Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Anterior, posterior, lateral aspects of leg & popliteal fossa_ Group A	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lumbosacral plexus & posterior abdominal wall	Abdul Veli İSMAİLOĞLU
14:20 - 15:00	Lumbosacral plexus & posterior abdominal wall	Abdul Veli İSMAİLOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/RinH-II: Research Ethics	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/RinH-II: Research Ethics	Yeşim İŞİL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.11.2022 WEDNESDAY

08:30 - 09:10		
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	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	
16:50 - 17:30	Elective Course III/Study Time	

01.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Osteomyelitis and septic arthritis	Kerim SARIYILMAZ
10:10 - 10:50	Traumatic dislocations and soft tissue injuries	Göksel DİKMEN
11:00 - 11:40	Superficial structures of the face	Abdul Veli İSMAİLOĞLU
11:50 - 12:30	Degenerative joint disease	Zeynep GÜVEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Foot_Group A	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: Foot_Group B	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Metabolic bone diseases and osteomyelitis	Özlem AYDIN
11:00 - 11:40	Soft tissue tumors	Özlem AYDIN
11:50 - 12:30	Soft tissue tumors	Özlem AYDIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Disease modifying antirheumatic drugs	Emel BALOĞLU
14:20 - 15:00	Approach to the patient with arthritis	Mehmet KARAARSLAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

05.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	FC4 Study Time: Temporal region, temporomandibular joint, muscles of mastication	
10:10 - 10:50	FC4 Study Time: Temporal region, temporomandibular joint, muscles of mastication	
11:00 - 11:40	FC4 Study Time: Infratemporal fossa & pterygopalatine fossa	
11:50 - 12:30	FC4 Study Time: Infratemporal fossa & pterygopalatine fossa	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Lumbosacral plexus and posterior abdominal wall_ Group B	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: Lumbosacral plexus and posterior abdominal wall_ Group B	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	LAB: Lumbosacral plexus and posterior abdominal wall_ Group A	AB, MA, EK, AVİ Anatomy Lab
16:00 - 16:40	LAB: Lumbosacral plexus and posterior abdominal wall_ Group A	AB, MA, EK, AVİ Anatomy Lab
16:50 - 17:30	Study Time	

06.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	LAB: Superficial structures of the face_ Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Superficial structures of the face_ Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	CMPS/RinH-II: Writing a research proposal	Figen DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	FC4 Group Study Time: Temporal region, temporomandibular joint, muscles of mastication, Infratemporal fossa & pterygopalatine fossa	Anatomy Lab
11:00 - 11:40	Management of symptoms of func. impairment related MSD in PHC	Efe ONGANER
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	
16:50 - 17:30	Elective Course III/Study Time	

08.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Radiological anatomy and algorithm of the musculoskeletal system	Tuğana AKBAŞ Zoom
10:10 - 10:50	Radiological anatomy and algorithm of the musculoskeletal system	Tuğana AKBAŞ Zoom
11:00 - 11:40	Osteoporosis	Meral BAYRAMOĞLU Zoom
11:50 - 12:30	Soft tissue rheumatism	Meral BAYRAMOĞLU Zoom
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	

09.12.2022 FRIDAY

08:30 - 09:10		
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	

12.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Anti-inflammatory- analgesic drugs	Filiz ONAT
11:50 - 12:30	Anti-inflammatory- analgesic drugs	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC4 Discussion: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & pterygopalatine fossa	Mustafa AKTEKİN
14:20 - 15:00	FC4 Discussion: Temporal region, temporomandibular joint, muscles of mastication & Infratemporal fossa & pterygopalatine fossa	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	

13.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/RinH-II: written examination	
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	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_Group B	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_Group A	AB, MA, EK, AVİ Anatomy Lab
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	
16:50 - 17:30	Elective Course III/Study Time	

15.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Formative Assessment II	ALTINTAŞ, KESKİNÖZ
11:00 - 11:40	Formative Assessment II	ALTINTAŞ, KESKİNÖZ
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	

16.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED 213 PRACTICAL EXAMINATION II	
11:50 - 12:30	MED 213 PRACTICAL EXAMINATION II	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 213 THEORETICAL EXAMINATION II	
14:20 - 15:00	MED 213 THEORETICAL EXAMINATION II	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.12.2022 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
13:30 - 14:10
14:20 - 15:00
15:10 - 15:50
16:00 - 16:40
16:50 - 17:30

Lunch Time

20.12.2022 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
13:30 - 14:10
14:20 - 15:00
15:10 - 15:50
16:00 - 16:40
16:50 - 17:30

Introduction to MED 211 Microorganism and Infection

Emel BALOĞLU

CMPS/RinH-II_CCS: Introduction to clinical communication skills

Pınar TOPSEVER

CMPS/RinH-II_CCS: Patient centered approach

ŞİRİN PARKAN

Lunch Time

MED 233 Medical English III

BOWARSHI, DUMAN, KARACİBİOĞLU Zoom

MED 233 Medical English III

BOWARSHI, DUMAN, KARACİBİOĞLU Zoom

MED 233 Medical English III

BOWARSHI, DUMAN, KARACİBİOĞLU Zoom

Study Time

Study Time

21.12.2022 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
13:30 - 14:10
14:20 - 15:00
15:10 - 15:50
16:00 - 16:40
16:50 - 17:30
16:50 - 17:30

FC1 Study Time: Gram Positive Cocci

FC1 Study Time: Gram Positive Cocci

Diagnostic Methods in Microbiology Laboratory

TanıI KOCAGÖZ

Diagnostic Methods in Microbiology Laboratory

TanıI KOCAGÖZ

Lunch Time

Elective in Medicine

Elective in Medicine

Elective in Medicine

Elective Course III/Study Time

Elective Course III/Study Time

Elective Course III/Study Time

22.12.2022 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
13:30 - 14:10
14:20 - 15:00
15:10 - 15:50
16:00 - 16:40
16:50 - 17:30

FC1 Study Time: Gram Positive Cocci

Heat and temperature, heat transfer

Zeynep DURER

Heat and temperature, heat transfer

Zeynep DURER

Temperature transducers, thermography

Beki KAN

Lunch Time

Epidemiology and prevention of infectious diseases

Yeşim YASİN

Epidemiology and prevention of infectious diseases

Yeşim YASİN

FC2 Study Time: Gram Negative Cocci and Haemophilus

FC2 Study Time: Gram Negative Cocci and Haemophilus

Study Time

23.12.2022 FRIDAY

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

FC1 Discussion: Gram Positive Cocci

Sinem ÖKTEM OKULLU

Thermoregulatory functions of the hypothalamus

Hande YAPIŞLAR

FC2 Study Time: Gram Positive Aerobic Bacilli

FC2 Study Time: Bordetella, Legionella

Lunch Time

FC2 Study Time: HACEK

FC2 Study Time: Brucella

Study Time

Study Time

Study Time

26.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	FC2 Discussion: Gram Negative Coccobacilli I	Yeşim GÜROL
11:00 - 11:40	FC2 Discussion: Gram Negative Coccobacilli I	Yeşim GÜROL
11:50 - 12:30	FC3 Study Time: Enteric Gram Negative Bacilli	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC3 Study Time: Enteric Gram Negative Bacilli	
14:20 - 15:00	FC3 Study Time: Non fermenters	
15:10 - 15:50	FC3 Study Time: Yersinia, Francisella, Pasteurella	
16:00 - 16:40	FC3 Study Time: Campylobacter, Helicobacter, Vibrio	
16:50 - 17:30	Study Time	

27.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	General principles of antimicrobial chemotherapy	Emel BALOĞLU
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	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Microbiology Module 1_Group A	YG, ÖK Multidiciplinary Lab
10:10 - 10:50	LAB: Microbiology Module 1_Group A	YG, ÖK Multidiciplinary Lab
11:00 - 11:40	LAB: Microbiology Module 1_Group B	YG, ÖK Multidiciplinary Lab
11:50 - 12:30	LAB: Microbiology Module 1_Group B	YG, ÖK Multidiciplinary 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	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

29.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	FC2 Discussion: Gram Negative Coccobacilli II	Yeşim GÜROL
10:10 - 10:50	FC2 Discussion: Gram Negative Coccobacilli II	Yeşim GÜROL
11:00 - 11:40	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
11:50 - 12:30	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Microbiology Module 1_Group C	SÖO,EK Multidiciplinary Lab
14:20 - 15:00	LAB: Microbiology Module 1_Group C	SÖO,EK Multidiciplinary Lab
15:10 - 15:50	LAB: Microbiology Module 1_Group D	SÖO,EK Multidiciplinary Lab
16:00 - 16:40	LAB: Microbiology Module 1_Group D	SÖO,EK Multidiciplinary Lab
16:50 - 17:30	Study Time	

30.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	FC3 Study Time: Spirochetes	
11:00 - 11:40	FC4 Study Time: Anaerobic bacteria	
11:50 - 12:30	FC4 Study Time: Anaerobic bacteria	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
14:20 - 15:00	Sulfonamids, trimethoprim sulfamethoxazole and quinolones	Emel BALOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	FC3 Discussion: Gram Negative bacilli I	Eda KURT
11:00 - 11:40	FC3 Discussion: Gram Negative bacilli I	Eda KURT
11:50 - 12:30	Protein synthesis inhibitors and miscellaneous antimicrobial agents	Filiz ONAT
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	Mycobacteria, Nocardia and Actinomycetes	Tanıl KOCAGÖZ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	FC3 Discussion: Gram Negative bacilli II	Eda KURT
10:10 - 10:50	FC3 Discussion: Gram Negative bacilli II	Eda KURT
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	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 233 Medical English III	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

04.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Microbiology Module 1_Group A	YG, ÖK Multidisciplinary Lab
10:10 - 10:50	LAB: Microbiology Module 1_Group A	YG, ÖK Multidisciplinary Lab
11:00 - 11:40	LAB: Microbiology Module 1_Group B	YG, ÖK Multidisciplinary Lab
11:50 - 12:30	LAB: Microbiology Module 1_Group B	YG, ÖK Multidisciplinary 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	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.01.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	FC3 Discussion: Gram Negative bacilli III	Eda KURT
11:00 - 11:40	Mycoplasma, Chlamydia, Rickettsiae	Tanıl KOCAGÖZ
11:50 - 12:30	Mycoplasma, Chlamydia, Rickettsiae	Tanıl KOCAGÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Microbiology Module 1_Group C	SÖO,EK Multidisciplinary Lab
14:20 - 15:00	LAB: Microbiology Module 1_Group C	SÖO,EK Multidisciplinary Lab
15:10 - 15:50	LAB: Microbiology Module 1_Group D	SÖO,EK Multidisciplinary Lab
16:00 - 16:40	LAB: Microbiology Module 1_Group D	SÖO,EK Multidisciplinary Lab
16:50 - 17:30	Study Time	

06.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Antimicrobial agents, mechanisms of action and resistance	Tanıl KOCAGÖZ
11:00 - 11:40	Antimicrobial agents, mechanisms of action and resistance	Tanıl KOCAGÖZ
11:50 - 12:30	Antimicrobial agents, mechanisms of action and resistance	Tanıl KOCAGÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC 5 Study Time: RNA Viruses	
14:20 - 15:00	FC 5 Study Time: RNA Viruses	
15:10 - 15:50	FC 5 Study Time: RNA Viruses	
16:00 - 16:40	FC 5 Study Time: RNA Viruses	
16:50 - 17:30	Study Time	

09.01.2023 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Aminoglycosides	Emel BALOĞLU
10:10 - 10:50	Chemotherapy of tuberculosis and leprosy	Emel BALOĞLU
11:00 - 11:40	Normal Human Microbiata	Yeşim GÜROL
11:50 - 12:30	Normal Human Microbiata	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	Study Time	
16:50 - 17:30	Study Time	

10.01.2023 TUESDAY

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	

11.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Microbiology Module 1_Group A	YG, ÖK Multidiciplinary Lab
10:10 - 10:50	LAB: Microbiology Module 1_Group A	YG, ÖK Multidiciplinary Lab
11:00 - 11:40	LAB: Microbiology Module 1_Group B	YG, ÖK Multidiciplinary Lab
11:50 - 12:30	LAB: Microbiology Module 1_Group B	YG, ÖK Multidiciplinary 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	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

12.01.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	DNA viruses	Tanıl KOCAGÖZ
10:10 - 10:50	DNA viruses	Tanıl KOCAGÖZ
11:00 - 11:40	Cancer chemotherapeutics	Emel BALOĞLU
11:50 - 12:30	Cancer chemotherapeutics	Emel BALOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English Final Exam	
14:20 - 15:00	LAB: Microbiology Module 1_Group C	SÖÖ,EK Multidiciplinary Lab
15:10 - 15:50	LAB: Microbiology Module 1_Group C	SÖÖ,EK Multidiciplinary Lab
16:00 - 16:40	LAB: Microbiology Module 1_Group D	SÖÖ,EK Multidiciplinary Lab
16:50 - 17:30	LAB: Microbiology Module 1_Group D	SÖÖ,EK Multidiciplinary Lab

13.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Oncogenic viruses	Tanıl KOCAGÖZ
11:00 - 11:40	Cancer chemotherapeutics	Emel BALOĞLU
11:50 - 12:30	Slow viruses and prions	Hülya KUŞOĞLU Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Yeast and molds	Neval YURTTUTAN UYAR
14:20 - 15:00	Yeast and molds	Neval YURTTUTAN UYAR
15:10 - 15:50	Yeast and molds	Neval YURTTUTAN UYAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.01.2023 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

17.01.2023 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

18.01.2023 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	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	
16:50 - 17:30	Elective Course III/Study Time	

19.01.2023 THURSDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	FC6 Discussion: RNA viruses	Yeşim GÜROL
11:00 - 11:40	FC6 Discussion: RNA viruses	Yeşim GÜROL
11:50 - 12:30	FC6 Discussion: RNA viruses	Yeşim GÜROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Antifungal agents	Emel BALOĞLU
14:20 - 15:00	Antiviral agents	Emel BALOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.01.2023 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	

23.01.2023 MONDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to medical parasitology	Özgür KURT
11:00 - 11:40	Protozoa	Özgür KURT
11:50 - 12:30	Protozoa	Özgür KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		

24.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Helminths	Özgür KURT
11:00 - 11:40	Helminths	Özgür KURT
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 233 Medical English III Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
14:20 - 15:00	MED 233 Medical English III Final Exam	BOWARSHI, DUMAN, KARACIBİOĞLU Zoom
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30		

25.01.2023 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Microbiology Module 1_Group A	YG, ÖK Multidisciplinary Lab
10:10 - 10:50	LAB: Microbiology Module 1_Group A	YG, ÖK Multidisciplinary Lab
11:00 - 11:40	LAB: Microbiology Module 1_Group B	YG, ÖK Multidisciplinary Lab
11:50 - 12:30	LAB: Microbiology Module 1_Group B	YG, ÖK Multidisciplinary Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	PT, FD, DD, ŞP, DK, MŞ, LA,IP
14:20 - 15:00	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	PT, FD, DD, ŞP, DK, MŞ, LA,IP
15:10 - 15:50	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	PT, FD, DD, ŞP, DK, MŞ, LA,IP
16:00 - 16:40	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	PT, FD, DD, ŞP, DK, MŞ, LA,IP
16:50 - 17:30	CMPS/RinH-II_CCS: Tutor feed-back for history taking sessions	PT, FD, DD, ŞP, DK, MŞ, LA,IP
16:50 - 17:30	Elective Course III/Study Time	

26.01.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Arthropods	Özgür KURT
10:10 - 10:50	Arthropods	Özgür KURT
11:00 - 11:40	Chemotherapy of parasitic (protozoal and helminth) infections	Emel BALOĞLU
11:50 - 12:30	Chemotherapy of parasitic (protozoal and helminth) infections	Emel BALOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Microbiology Module 1_Group C	SÖO,EK Multidisciplinary Lab
14:20 - 15:00	LAB: Microbiology Module 1_Group C	SÖO,EK Multidisciplinary Lab
15:10 - 15:50	LAB: Microbiology Module 1_Group D	SÖO,EK Multidisciplinary Lab
16:00 - 16:40	LAB: Microbiology Module 1_Group D	SÖO,EK Multidisciplinary Lab
16:50 - 17:30	Study Time	

27.01.2023 FRIDAY

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

30.01.2023 MONDAY

08:30 - 09:10	
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	Formative Assessment
13:30 - 14:10	MED 211 Practical Examination
14:20 - 15:00	MED 211 Practical Examination
15:10 - 15:50	MED 211 Practical Examination
16:00 - 16:40	Study Time
16:50 - 17:30	Study Time

31.01.2023 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

01.02.2023 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

02.02.2023 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	MED 211 THEORETICAL EXAMINATION
15:10 - 15:50	MED 211 THEORETICAL EXAMINATION
16:00 - 16:40	
16:50 - 17:30	

03.02.2023 FRIDAY

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

YEAR 2 SPRING SEMESTER SCHEDULE



20.02.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Introduction to MED 212 Nervous System	Abdul Veli İSMAİLOĞLU
11:00 - 11:40	Overview to nervous system	Alp BAYRAMOĞLU
11:50 - 12:30	Overview to nervous system	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	General organization of the nervous system	Güldal SÜYEN
14:20 - 15:00	General organization of the nervous system	Güldal SÜYEN
15:10 - 15:50	Histology of nervous system at cellular level	Deniz YÜCEL
16:00 - 16:40	Tactile sensation	Mehmet ERGEN
16:50 - 17:30	Study Time	

21.02.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Meninges and dural sinuses of brain	Abdul Veli İSMAİLOĞLU
10:10 - 10:50	Meninges and dural sinuses of brain	Abdul Veli İSMAİLOĞLU
11:00 - 11:40	CMPS/ME&H-II:What is ethics? Ethical Theories	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/ME&H-II:What is ethics? Ethical Theories	Yeşim İŞİL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	FC1 Study Time: Spinal cord	
16:50 - 17:30	FC1 Study Time: Ascending Pathways, Descending Pathways	

22.02.2023 WEDNESDAY

08:30 - 09:10		
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	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	

23.02.2023 THURSDAY

08:30 - 09:10	FC1 Study Time: Ascending Pathways, Descending Pathways	
09:20 - 10:00	FC1 Study Time: Ascending Pathways, Descending Pathways	
10:10 - 10:50	FC1 Group Study Time:Spinal cord, Ascending Pathways, Descending Pathways	Anatomy Lab
11:00 - 11:40	Pain mechanisms	Mehmet ERGEN
11:50 - 12:30	Pain mechanisms	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Functions of cerebellum	Güldal SÜYEN
14:20 - 15:00	Functions of cerebellum	Güldal SÜYEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30		

24.02.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	FC1 Discussion: Spinal cord, Ascending and Descending Pathways	Mustafa AKTEKİN
10:10 - 10:50	FC1 Discussion: Spinal cord, Ascending and Descending Pathways	Mustafa AKTEKİN
11:00 - 11:40	LAB: Spinal cord, meninges and dural sinuses of brain_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Spinal cord, meninges and dural sinuses of brain_Group A	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Spinal cord, meninges and dural sinuses of brain_Group B	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: Spinal cord, meninges and dural sinuses of brain_Group B	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	FC2 Study Time: Medulla oblongata	
16:00 - 16:40	FC2 Study Time: Pons	
16:50 - 17:30	FC2 Study Time: Mesencephalon	

27.02.2023 MONDAY

08:30 - 09:10	FC2 Study Time: Cerebellum	
09:20 - 10:00	FC2 Group Study Time: Medulla oblongata, Pons, Mesencephalon Cerebellum	Anatomy Lab
10:10 - 10:50	Anatomy of autonomic nervous system	Alp BAYRAMOĞLU
11:00 - 11:40	Anatomy of autonomic nervous system	Alp BAYRAMOĞLU
11:50 - 12:30	Functions of basal ganglia	Güldal SÜYEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiology of autonomic nervous system	Güldal SÜYEN
14:20 - 15:00	Physiology of autonomic nervous system	Güldal SÜYEN
15:10 - 15:50	Neurotransmitters	Ahmet Tark BAYKAL
16:00 - 16:40	Neurotransmitters Discussion	Ahmet Tark BAYKAL
16:50 - 17:30		

28.02.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H-II: Principles of Bioethics	Yeşim İŞİL ÜLMAN
11:00 - 11:40	CMPS/ME&H-II: Principles of Bioethics	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/ME&H-II: Principles of Bioethics	Yeşim İŞİL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	
16:50 - 17:30	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	

01.03.2023 WEDNESDAY

08:30 - 09:10		
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	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Cerebellum, brain stem_Group A	AB, MA, EK, AVİ 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	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

02.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	
11:00 - 11:40	FC3 Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	
11:50 - 12:30	FC3 Group Study Time: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
14:20 - 15:00	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
15:10 - 15:50	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
16:00 - 16:40	FC4 Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	
16:50 - 17:30	FC4 Group Study Time: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	Anatomy Lab

03.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Synaptic transmission in learning and memory	Beki KAN
10:10 - 10:50	Synaptic transmission in learning and memory	Beki KAN
11:00 - 11:40	Movement	Güldal SÜYEN
11:50 - 12:30	Reflexes	Güldal SÜYEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	Department of Pharmacology
14:20 - 15:00	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	Department of Pharmacology
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.03.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	Department of Pharmacology
11:00 - 11:40	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	Department of Pharmacology
11:50 - 12:30	Synaptic transmission in learning and memory	Beki KAN
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	Regulation of cerebral blood flow and CSF circulation	Güldal SÜYEN
16:00 - 16:40	Energy metabolism of brain	Aysel ÖZPINAR
16:50 - 17:30	Study Time	

07.03.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Cranial nerves (I-VI)	Mustafa AKTEKİN
10:10 - 10:50	Cranial nerves (I-VI)	Mustafa AKTEKİN
11:00 - 11:40	CMPS/ME&H-II:Benefit and Harm	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-II:Benefit and Harm	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Clinical neuroanatomy	Baran BOZKURT
16:50 - 17:30	Clinical neuroanatomy	Baran BOZKURT

08.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	FC3 Discussion: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	Elif KESKİNÖZ
10:10 - 10:50	FC3 Discussion: Thalamus, hypothalamus, hypophysis, basal nuclei and subthalamus, epithalamus	Elif KESKİNÖZ
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	

09.03.2023 THURSDAY

08:30 - 09:10		
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	Study Time	
14:20 - 15:00	Acute meningitis	Serap GENCER Zoom
15:10 - 15:50	Chronic meningitis	Sesin KOCAGÖZ Zoom
16:00 - 16:40	Case Based Discussion: Parkinson's disease	Murat AKSU Zoom
16:50 - 17:30	Study Time	

10.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Cranial nerves (VII-XII)	Mustafa AKTEKİN
10:10 - 10:50	Cranial nerves (VII-XII)	Mustafa AKTEKİN
11:00 - 11:40	LAB: Histology of nervous system Group A	SA, DY, MAE Multidisciplinary Lab
11:50 - 12:30	LAB: Histology of nervous system Group B	SA, DY, MAE Multidisciplinary Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cerebral edema, hydrocephalus and traumatic brain injury	Ayça ERŞEN DANYELİ
14:20 - 15:00	Increased intracranial pressure	Koray ÖZDUMAN
15:10 - 15:50	Increased intracranial pressure	Koray ÖZDUMAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.03.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Overview to the cranial nerves (CN I-XII)	Mustafa AKTEKİN
11:00 - 11:40	FC4 Discussion: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	Abdul Veli İSMAİLOĞLU
11:50 - 12:30	FC4 Discussion: Cerebral hemispheres, motor & sensory areas, CSF, ventricles	Abdul Veli İSMAİLOĞLU
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	Study Time	
16:50 - 17:30	Study Time	

14.03.2023 TUESDAY

08:30 - 09:10	Doctor's Day	
09:20 - 10:00	Doctor's Day	
10:10 - 10:50	CMPS/ME&H-II:Autonomy - Responsibility	Yeşim İŞİL ÜLMAN
11:00 - 11:40	CMPS/ME&H-II:Autonomy - Responsibility	Yeşim İŞİL ÜLMAN
11:50 - 12:30	Doctor's Day	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Doctor's Day	
16:50 - 17:30	Doctor's Day	

15.03.2023 WEDNESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, cranial nerves, limbic system. _Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, cranial nerves, limbic system. _Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, cranial nerves, limbic system. _Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Cerebral hemispheres, white-gray matters, diencephalon, basal nuclei, cranial nerves, limbic system. _Group B	AB, MA, EK, AVİ 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	Elective Course IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

16.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group B	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group A	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiology of Sleep	Güldal SÜYEN
14:20 - 15:00	Physiology of Sleep	Güldal SÜYEN
15:10 - 15:50	Circadian Rythms	Güldal SÜYEN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Other CNS infections	Hülya KUŞOĞLU Zoom
11:00 - 11:40	Other CNS infections	Hülya KUŞOĞLU Zoom
11:50 - 12:30	Head traumas	Baran Bozkurt Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Spinal cord compression syndromes	Mustafa GÜDÜK Zoom
14:20 - 15:00	Spinal cord traumas	Mustafa GÜDÜK Zoom
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.03.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Development of the nervous system	Deniz YÜCEL
11:00 - 11:40	Development of the nervous system	Deniz YÜCEL
11:50 - 12:30	Malformations and developmental diseases	Ayça ERSEN DANYELİ
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	

21.03.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H-II: Informed Consent/Consent in difficult situations	Fatih ARTVİNLİ
11:00 - 11:40	CMPS/ME&H-II: Informed Consent/Consent in difficult situations	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-II: Informed Consent/Consent in difficult situations	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

22.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Analgesics drugs (drugs for headache and opioid analgesics)	Department of Pharmacology
11:50 - 12:30	Hypnotics and sedatives	Emel BALOĞLU
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	

23.03.2023 THURSDAY

08:30 - 09:10		
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	

24.03.2023 FRIDAY

08:30 - 09:10		
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	

27.03.2023 MONDAY

08:30 - 09:10		
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	Formative Assessment I	ALTINTAŞ, ÖZ ARSLAN, İSMAİLOĞLU
15:10 - 15:50	Formative Assessment I	ALTINTAŞ, ÖZ ARSLAN, İSMAİLOĞLU
16:00 - 16:40		
16:50 - 17:30		

28.03.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/ME&H-II: Privacy - Confidentiality	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/ME&H-II: Privacy - Confidentiality	Yeşim İŞİL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40		
16:50 - 17:30		

29.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	MED 212 PRACTICAL EXAMINATION I	
11:50 - 12:30	MED 212 PRACTICAL 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		
16:50 - 17:30		

30.03.2023 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	Lunch Time	
13:30 - 14:10		
14:20 - 15:00	MED 212 THEORETICAL EXAMINATION I	
15:10 - 15:50	MED 212 THEORETICAL EXAMINATION I	
16:00 - 16:40		
16:50 - 17:30		

31.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	FC5 Study Time: The ear	
11:50 - 12:30	FC5 Study Time: The ear	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC5 Study Time: Auditory pathway and vestibular pathway	
14:20 - 15:00	FC5 Study Time: Auditory pathway and vestibular pathway	
15:10 - 15:50	FC5 Group Study Time: The ear, auditory and vestibular pathway	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.04.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
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	Nature of waves	Evren KILINÇ
14:20 - 15:00	Nature of waves	Evren KILINÇ
15:10 - 15:50	Histology of eye	Deniz YÜCEL
16:00 - 16:40	Histology of eye	Deniz YÜCEL
16:50 - 17:30	Study Time	

04.04.2023 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/	
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	

05.04.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/ME&H-II:Justice in ethical aspect Non discrimination, non-stigmatization	Fatih ARTVİNLİ
11:00 - 11:40	CMPS/ME&H-II:Justice in ethical aspect Non discrimination, non-stigmatization	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-II:Justice in ethical aspect Non discrimination, non-stigmatization	Fatih ARTVİNLİ
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	

06.04.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	LAB: The orbit, its contents and visual pathway Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: The orbit, its contents and visual pathway Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	Optics	Evren KILINÇ
11:50 - 12:30	Optics	Evren KILINÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of ear	Serap ARBAK
14:20 - 15:00	Histology of ear	Serap ARBAK
15:10 - 15:50	Biophysics of photoreception	Beki KAN
16:00 - 16:40	Biophysics of photoreception	Beki KAN
16:50 - 17:30	Study Time	

07.04.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Optics of vision	Evren KILINÇ
10:10 - 10:50	Optics of vision	Evren KILINÇ
11:00 - 11:40	Receptive fields and retinal processing	Beki KAN
11:50 - 12:30	Receptive fields and retinal processing	Beki KAN
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	Development of the eye and ear	Deniz YÜCEL
16:00 - 16:40	Development of the eye and ear	Deniz YÜCEL
16:50 - 17:30	Study Time	

10.04.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	FC5 Discussion: The ear, auditory and vestibular pathways	Alp BAYRAMOĞLU
10:10 - 10:50	FC5 Discussion: The ear, auditory and vestibular pathways	Alp BAYRAMOĞLU
11:00 - 11:40	LAB: The ear and auditory pathway_Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: The ear and auditory pathway_Group A	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biophysics of auditory system	Evren KILINÇ
14:20 - 15:00	Biophysics of auditory system	Evren KILINÇ
15:10 - 15:50	Vestibular senses	Güldal SÜYEN
16:00 - 16:40	Vestibular senses	Güldal SÜYEN
16:50 - 17:30		

11.04.2023 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/	
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	

12.04.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/ME&H-II:Patient Rights / Physician's Responsibility	Yeşim İŞİL ÜLMAN
11:00 - 11:40	CMPS/ME&H-II:Patient Rights / Physician's Responsibility	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/ME&H-II:Patient Rights / Physician's Responsibility	Yeşim İŞİL ÜLMAN
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	

13.04.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	Physiology of hearing	Mehmet ERGEN
11:50 - 12:30	Taste and olfaction	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Alcohol, nicotine, stimulants and drug addiction	Emel BALOĞLU
14:20 - 15:00	Alcohol, nicotine, stimulants and drug addiction	Emel BALOĞLU
15:10 - 15:50	Clinical problems of peripheral vestibular system	Haluk ÖZKARAKAŞ
16:00 - 16:40	Conductive and sensorineural hearing problems	Ahmet KOÇ
16:50 - 17:30	Study Time	

14.04.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Central nervous system tumors	Ayça ERŞEN DANYELİ
11:00 - 11:40	Central nervous system tumors	Ayça ERŞEN DANYELİ
11:50 - 12:30	Pathology of neurodegenerative and demyelinating diseases	Ayça ERŞEN DANYELİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Electrooculogram_Group B	EK, DÖA, ZD Multidisciplinary Lab
14:20 - 15:00	LAB: Electrooculogram_Group B	EK, DÖA, ZD Multidisciplinary Lab
15:10 - 15:50	LAB: Electrooculogram_Group A	EK, DÖA, ZD Multidisciplinary Lab
16:00 - 16:40	LAB: Electrooculogram_Group A	EK, DÖA, ZD Multidisciplinary Lab
16:50 - 17:30	Study Time	

17.04.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Diagnosis in psychiatry and classification of mental disorders	Ürün ÖZER Zoom
11:00 - 11:40	Substance related disorders	Meral AKBIYIK Zoom
11:50 - 12:30	Case Based Discussion: Alzheimer's disease	Mustafa SEÇKİN Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Psychosis	Burcu YAVUZ Zoom
14:20 - 15:00	Intracranial tumors	Bahattin TANRIKULU Zoom
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.04.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H-II:Beginning of Life	Yeşim IŞIL ÜLMAN
11:00 - 11:40	CMPS/ME&H-II:Beginning of Life	Yeşim IŞIL ÜLMAN
11:50 - 12:30	CMPS/ME&H-II:Beginning of Life	Yeşim IŞIL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV Midterm Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Mood disorders	Barış SANCAK Zoom
16:50 - 17:30	Mood disorders	Barış SANCAK Zoom

19.04.2023 WEDNESDAY

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	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	

20.04.2023 THURSDAY

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	

21.04.2023 FRIDAY

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	

24.04.2023 MONDAY

08:30 - 09:10		
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	ÖZBEK, ÇOMU, BİLGUVAR
16:00 - 16:40	PANEL: Neurogenetics	ÖZBEK, ÇOMU, BİLGUVAR
16:50 - 17:30	Study Time	

25.04.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Information transmission and content of information	Devrim ÖZ ARSLAN
10:10 - 10:50	CMPS/ME&H-II:End of Life	Fatih ARTVİNLİ
11:00 - 11:40	CMPS/ME&H-II:End of Life	Fatih ARTVİNLİ
11:50 - 12:30	CMPS/ME&H-II:End of Life	Fatih ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MPS/RinH-II: Data analyses (statistical counselling for research)/MED 234 Medical English IV	Figen DEMİR
14:20 - 15:00	MPS/RinH-II: Data analyses (statistical counselling for research)/MED 234 Medical English IV	Figen DEMİR
15:10 - 15:50	MPS/RinH-II: Data analyses (statistical counselling for research)/MED 234 Medical English IV	Figen DEMİR
16:00 - 16:40	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:50 - 17:30	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR

26.04.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Drugs for neurodegenerative diseases	Department of Pharmacology
10:10 - 10:50	Drugs for neurodegenerative diseases	Department of Pharmacology
11:00 - 11:40	Control mechanisms	Devrim ÖZ ARSLAN
11:50 - 12:30	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 IV/Study Time	
16:50 - 17:30	Elective Course IV/Study Time	

27.04.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Epilepsy in childhood	Uğur IŞIK
10:10 - 10:50	Cerebral palsy	Uğur IŞIK
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	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	

28.04.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Anxiety disorders	Barış SANCAK Zoom
10:10 - 10:50	Anxiety disorders	Barış SANCAK Zoom
11:00 - 11:40	Radiological anatomy and algorithm of the brain	Alp DİNÇER Zoom
11:50 - 12:30	Radiological anatomy and algorithm of the spine	Alp DİNÇER Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Case Based Discussion: Stroke	Nazire AFŞAR Zoom
14:20 - 15:00	Case Based Discussion: Stroke	Nazire AFŞAR Zoom
15:10 - 15:50	Case Based Discussion: Epilepsy	Erkan ACAR Zoom
16:00 - 16:40	Case Based Discussion: Epilepsy	Erkan ACAR Zoom
16:50 - 17:30		

01.05.2023 MONDAY

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	Lunch Time	
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	

02.05.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/ME&H-II:Organ transplantation and donation	Yeşim IŞIL ÜLMAN
11:00 - 11:40	CMPS/ME&H-II:Organ transplantation and donation	Yeşim IŞIL ÜLMAN
11:50 - 12:30	CMPS/ME&H-II:Organ transplantation and donation	Yeşim IŞIL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.05.2023 WEDNESDAY

08:30 - 09:10		
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	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	

04.05.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Approach to the patient with blurred consciousness in primary care	Demet DİNÇ
11:00 - 11:40	Neuromuscular disorders	Uğur IŞIK
11:50 - 12:30	Intellectual disability and developmental delay	Uğur IŞIK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Review and discussion of CNS pathologies	Ayça ERŞEN DANYELİ
14:20 - 15:00	Review and discussion of CNS pathologies	Ayça ERŞEN DANYELİ
15:10 - 15:50	General and local anesthetics	Emel BALOĞLU
16:00 - 16:40	Muscle relaxants	Emel BALOĞLU
16:50 - 17:30		

05.05.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Biofeedback and reaction time_ Group B	EK, DÖA, ZD Multidisciplinary Lab
10:10 - 10:50	LAB: Biofeedback and reaction time_ Group B	EK, DÖA, ZD Multidisciplinary Lab
11:00 - 11:40	LAB: Biofeedback and reaction time_ Group A	EK, DÖA, ZD Multidisciplinary Lab
11:50 - 12:30	LAB: Biofeedback and reaction time_ Group A	EK, DÖA, ZD Multidisciplinary Lab
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	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
15:10 - 15:50	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:00 - 16:40	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:50 - 17:30	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR

08.05.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	Formative Assessment II	ALTINTAŞ, ÖZ ARSLAN, İSMAİLOĞLU
11:50 - 12:30	Formative Assessment II	ALTINTAŞ, ÖZ ARSLAN, İSMAİLOĞLU
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	

09.05.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/ME&H-II:New medical technologies and bioethics	Yeşim İŞİL ÜLMAN
11:50 - 12:30	CMPS/ME&H-II:New medical technologies and bioethics	Yeşim İŞİL ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.05.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	MED 212 THEORETICAL EXAMINATION II	
11:50 - 12:30	MED 212 THEORETICAL EXAMINATION II	
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	

11.05.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED 214 Growth, Development and Endocrine Disorders	Nihan ÜNÜBOL
11:00 - 11:40	Thyroid and parathyroid glands	Elif KESKİNÖZ
11:50 - 12:30	Pancreas and adrenal gland	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of the pituitary gland, pineal gland and endocrine pancreas	Serap ARBAK
14:20 - 15:00	Histology of the thyroid, parathyroid and adrenal gland	Serap ARBAK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

12.05.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Development of endocrine organs	Merve AÇIKEL ELMAS
11:00 - 11:40	Introduction to TBL	YAPIŞLAR, AKSUNGAR
11:50 - 12:30	Study Time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
14:20 - 15:00	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
15:10 - 15:50	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:00 - 16:40	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR
16:50 - 17:30	MPS/RinH-II: Data analyses (statistical counselling for research)	Figen DEMİR

15.05.2023 MONDAY

08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Study Time for TBL	
10:10 - 10:50	Study Time for TBL	
11:00 - 11:40	LAB: Adrenal glands, Pancreas,Thyroid, Parathyroid_ Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Adrenal glands, Pancreas,Thyroid, Parathyroid_ Group B	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL Session 1: General principles of hormones	YAPIŞLAR, AKSUNGAR
14:20 - 15:00	TBL Session 1: General principles of hormones	YAPIŞLAR, AKSUNGAR
15:10 - 15:50	TBL Session 1: General principles of hormones	YAPIŞLAR, AKSUNGAR
16:00 - 16:40	Study Time for TBL	
16:50 - 17:30	Study Time for TBL	

16.05.2023 TUESDAY

08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Study Time for TBL	
10:10 - 10:50	LAB: Histology of endocrine system_Group A	SA, DY, MAE Multidisciplinary Lab
11:00 - 11:40	LAB: Histology of endocrine system_Group B	SA, DY, MAE Multidisciplinary Lab
11:50 - 12:30	CMPS/ME&H-II: Written examination	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time for TBL	
16:50 - 17:30		

17.05.2023 WEDNESDAY

08:30 - 09:10		
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	MPS/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

18.05.2023 THURSDAY

08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	TBL Session 2: Hormones affecting growth and development	YAPIŞLAR, AKSUNGAR
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	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	Study Time for TBL	
16:50 - 17:30		

19.05.2023 FRIDAY

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

22.05.2023 MONDAY

08:30 - 09:10	
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

23.05.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	TBL Session 3: Hormones affecting metabolism	YAPIŞLAR, AKSUNGAR
10:10 - 10:50	TBL Session 3: Hormones affecting metabolism	YAPIŞLAR, AKSUNGAR
11:00 - 11:40	TBL Session 3: Hormones affecting metabolism	YAPIŞLAR, AKSUNGAR
11:50 - 12:30	Study Time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.05.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Neoplasms of the thyroid	Fatma TOKAT
11:00 - 11:40	Thyroiditis, goiter and congenital anomalies	Fatma TOKAT
11:50 - 12:30	Thyroid gland diseases	Özlem ÇELİK
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	

25.05.2023 THURSDAY

08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Study Time for TBL	
10:10 - 10:50	Pituitary hormones and hypothalamic releasing factors	Emel BALOĞLU
11:00 - 11:40	Thyroid hormones and antithyroid drugs	Department of Pharmacology
11:50 - 12:30	Nutritional pharmacology, minerals and vitamins	Department of Pharmacology
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pituitary diseases	Müjdat KARA
14:20 - 15:00	Pituitary diseases	Müjdat KARA
15:10 - 15:50	Pathology of pituitary and hypothalamus	Ayçe ERŞEN DANYELİ
16:00 - 16:40	Study Time	
16:50 - 17:30		

26.05.2023 FRIDAY

08:30 - 09:10	Study Time for TBL	
09:20 - 10:00	Agents affecting mineral ion homeostasis and bone turnover	Filiz ONAT
10:10 - 10:50	TBL Review lecture	YAPIŞLAR, AKSUNGAR
11:00 - 11:40	Growth disorders in childhood	Saygın ABALI
11:50 - 12:30	Development of reproductive system and puberty	Saygın ABALI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Genetic approach to short stature	Yasemin ALANAY
14:20 - 15:00	Biochemistry of adipose tissue	Ahmet Tarık BAYKAL
15:10 - 15:50	Biochemistry of adipose tissue	Ahmet Tarık BAYKAL
16:00 - 16:40	Biochemistry of adipose tissue	Ahmet Tarık BAYKAL
16:50 - 17:30	Study Time	

29.05.2023 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	CMPS/RinH-II: Research project presentation
16:50 - 17:30	CMPS/RinH-II: Research project presentation

30.05.2023 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	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	MED 234 Medical English IV	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.05.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	Pathology of endocrine pancreas	Özlem AYDIN Zoom
11:50 - 12:30	Pathology of adrenal cortex and medulla	Özlem AYDIN Zoom
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	

01.06.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Adrenal gland diseases	Rüştü SERTER
10:10 - 10:50	Adrenal gland diseases	Rüştü SERTER
11:00 - 11:40	Adrenocortical hormones and their antagonists	Department of Pharmacology
11:50 - 12:30	Adrenocortical hormones and their antagonists	Department of Pharmacology
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
14:20 - 15:00	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
15:10 - 15:50	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.06.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Type I Diabetes Mellitus	Serap SEMİZ
10:10 - 10:50	Calcium and bone disorders in children	Serap SEMİZ
11:00 - 11:40		Yıldız OKUTURLAR
11:50 - 12:30	Genetic basis of diabetes mellitus	Uğur ÖZBEK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pharmacology of endoc. pancreas: Insulin, oral hypoglycemic agents	Filiz ONAT
14:20 - 15:00	Pharmacology of endoc. pancreas: Insulin, oral hypoglycemic agents	Filiz ONAT
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

05.06.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Community nutrition	Yeşim YASİN
11:50 - 12:30	Breast feeding	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Active case of endocrine disorders in childhood in primary care	Demet DİNÇ
14:20 - 15:00	Primary care management of overweight and obesity	Demet DİNÇ
15:10 - 15:50	Primary care approach to impaired glucose homeostasis	Pınar TOPSEVER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.06.2023 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Radiological anatomy and algorithm of the endocrine system	Füsun TAŞKIN
11:50 - 12:30	Radiological anatomy and algorithm of the endocrine system	Füsun TAŞKIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Body fat and obesity	İnan ANAFOROĞLU
14:20 - 15:00	Disorders of mineral metabolism	İnan ANAFOROĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.06.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	PANEL: Malnutrition	PT, ÖÇ, SA, FA
10:10 - 10:50	PANEL: Malnutrition	PT, ÖÇ, SA, FA
11:00 - 11:40	PANEL: Malnutrition	PT, ÖÇ, SA, FA
11:50 - 12:30	PANEL: Malnutrition	PT, ÖÇ, SA, FA
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	

08.06.2023 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	

09.06.2023 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	

12.06.2023 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

13.06.2023 TUESDAY

08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Formative Assessment	ALTINTAŞ, ÜNÜBOL
11:00 - 11:40	Formative Assessment	ALTINTAŞ, ÜNÜBOL
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 234 Medical English IV Final Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
14:20 - 15:00	MED 234 Medical English IV Final Exam	BOWARSHI, DUMAN, KARACİBİOĞLU Zoom
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.06.2023 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

15.06.2023 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	MED 214 THEORETICAL EXAMINATION
15:10 - 15:50	MED 214 THEORETICAL EXAMINATION
16:00 - 16:40	
16:50 - 17:30	

16.06.2023 FRIDAY

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

YEAR

III



YEAR III - COURSES (2022-2023)																
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						
Integrated Medical Courses	MED 311	Cardiovascular System and Related Disorders	113	6	119	5			2			126	90	216	8	7
	MED 313	Respiratory System and Related Disorders	64	15	79	10			2			79	70	163	6	6
	MED 315	Gastrointestinal System and Related Disorders	112	11	123	10						138	100	241	10	10
	MED 312	Urogenital System and Related Disorders	93	15	108	12						121	90	243	8	8
	BSC3	TOTAL		47	429	37			0			502	350	863	32	31
Clinical Medicine & Professional Skills (CMPS) Program	MED 321	Evidence Based Medicine	0	20	20				1			21	80	101	2	4
	MED 323	Health and Society-II	16		16		48					64	100	164	4	7
	CMPS 3	TOTAL	16	20	36		48		1			85	180	265	6	11
	EMED 302	Electives in Medicine-IV	7	14	21	14	14					49	60	109	2	4
TOTAL			405	81	486	51	62	1	0	150	636	590	1237	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	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	03.10.2022 - 11.11.2022

Theoretical Hours	113	Credit 8	ECTS 8
Practical Hours	6		
Study Hours	90		
TOTAL HOURS	209		

Course Chairs

Evren KILINÇ

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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

Aleks DEĞİRMENCİOĞLU

M.D., Assoc. Prof. Cardiology

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

İlker 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

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 KOLGAZI

Ph.D., Assist. Prof. Physiology

Yeşim YASİN

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

Nalan KARADAĞ

M.D., Instructor Cardiology

Pınar TOPSEVER

M.D., Prof. Family Medicine

Figen DEMİR

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

Canan AYABAKAN

M.D., Prof. Pediatrics

Abdulveli İSMAİLOĞLU

Ph.D., Assist. Prof. Anatomy

Nalan KARADAĞ

M.D., Instructor Cardiology

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	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	20.02.2023 - 14.04.2023

Theoretical Hours	93	Credit 8	ECTS 8
Practical Hours	15		
Study Hours	90		
TOTAL HOURS	198		

Course Chairs

Mehmet ERGEN

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Course Lecturces

Alp BAYRAMOĞLU

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

Mustafa AKTEKİN

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

Elif Nedret KESKİNÖZ

Ph.D., Assist. Anatomy

Abdulveli İSMAİLOĞLU

Ph.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

Şirin PARKAN

M.D., Instructor Family Medicine

Hülya KUŞOĞLU

M.D., Assist. Prof. Infectious Diseases

Sesin KOCAGÖZ

M.D., Prof. Infectious Diseases

Ülkem ÇAKIR

M.D., Prof. Nephrology

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 Tarık 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

Metehan ÖZEN

M.D., Prof. Pediatrics

Burcu BULUM AKBULUT

M.D., Assoc. Prof. Pediatrics

Filiz ONAT

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

Emel BALOĞLU

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

Figen DEMİR

M.D., Assoc. Prof. Public Health

Yeşim YASİN

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

Bora ÖZVEREN

M.D., Assoc. Prof. Urology

Hakan ÖZVERİ

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

Belgin SELAM

M.D., Prof. Gynecology & Obstetrics

Selin ÖZALTIN

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

Borçak Çağlar RUHİ

M.D., Assoc. Prof. Radiology

Cem SUNGUR

M.D., Instructor Medical Education

Fatma TOKAT

M.D., Assoc. Prof. Pathology

Aylin ALTAN KUŞ

M.D., Assist. Prof. Radiology

Yeşim GÜROL

M.D., Prof. Medical Microbiology

Uğur ÖZBEK

M.D., Prof. Medical Genetics

Güldal SÜYEN

M.D., PhD., 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	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	14.11.2022 - 16.12.2022

Theoretical Hours	64	Credit 5	ECTS 6
Practical Hours	15		
Study Hours	70		
TOTAL HOURS	149		

Course Chairs

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Course Lecturces

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

Emel BALOĞLU

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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

Günseli BOZDOĞAN

M.D., Assoc. Prof. Pediatrics

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

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 KOLGAZI

Ph.D., Assoc. Prof. Physiology

Levent ALTINTAŞ

M.D., Assoc. Prof. Medical Education

Yasemin ALANAY

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

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	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	19.12.2022 - 03.02.2023

Theoretical Hours	112	Credit 9	ECTS 9
Practical Hours	11		
Study Hours	100		
TOTAL HOURS	223		

Course Chairs

Beste KINIKOĞLU EROL
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Course Lecturces

Alp BAYRAMOĞLU

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Mustafa AKTEKİN

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Abdulveli İSMAİLOĞLU

Ph.D., Assist. 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

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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

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Aysel ÖZPINAR

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Mustafa SERTESER

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Abdurrahman COŞKUN

M.D., Prof. Medical Biochemistry

Ahmet Tarık BAYKAL

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Filiz ONAT

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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

Burak TANDER

M.D., 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

Beste KINIKOĞLU EROL

Ph.D., Assoc. Prof. Medical Biology

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

Yeřim YASİN

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

Meltem KOLGAZİ

Ph.D., Assoc. Prof. Physiology

Sesin KOCAGÖZ

M.D., Prof. Infectious Diseases

Iřıl PAKİŐ

M.D., Prof. Forensic Medicine

Gürhan ŐİŐMAN

M.D., Prof. Internal Medicine

Hülya KUŐOĐLU

M.D., Assist. Prof. Infectious Diseases

Can GÖNEN

M.D., Assoc. Prof. Internal Medicine

Bülent DEĐERTEKİN

M.D., Prof. Internal Medicine

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	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	05.10.2022 - 27.12.2022

Theoretical Hours	-	Credit 2	ECTS 4
Practical Hours	20		
Study Hours	80		
TOTAL HOURS	100		

Course Chairs

Pınar TOPSEVER
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Course Lecturers

Pınar TOPSEVER
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Demet DİNÇ
M.D., Instructor Family Medicine

Şirin PARKAN
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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.
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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	20.02.2023 - 12.04.2023

Theoretical Hours	16	Credit 4	ECTS 7
Practical Hours	-		
Study Hours	100		
TOTAL HOURS	116		

Course Chairs

Yeşim YASİN

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Course Lecturces

Pınar TOPSEVER

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Yeşim YASİN

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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

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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The background features a scenic view of a lake surrounded by trees with vibrant autumn foliage in shades of orange, yellow, and red. In the distance, a building with a chimney is visible. The scene is overlaid with large, semi-transparent, organic shapes in muted green and orange tones. The title text is centered and framed by thin, flowing orange lines.

YEAR 3 FALL SEMESTER SCHEDULE

03.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Introduction to the Year 3	Sinem ÖKTEM OKULLU
11:00 - 11:40	Introduction to MED 311 Subject Committee	Evren KILINÇ
11:50 - 12:30	Study Time	
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	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30		

04.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Heart and pericardium	Elif KESKİNÖZ
10:10 - 10:50	Heart and pericardium	Elif KESKİNÖZ
11:00 - 11:40	Cardiac cycle	Meltem KOLGAZİ
11:50 - 12:30	Cardiac cycle	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of heart and blood vessels	Deniz YÜCEL
14:20 - 15:00	Histology of heart and blood vessels	Deniz YÜCEL
15:10 - 15:50	Heart and pericardium	Elif KESKİNÖZ
16:00 - 16:40	Lymphatic circulation	Mustafa AKTEKİN
16:50 - 17:30		

05.10.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Large vessels	Elif KESKİNÖZ
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	CMPS/EBM: Introduction to the principles of evidence based medicine	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	

06.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Development of Cardiovascular System	Serap ARBAK
10:10 - 10:50	Development of Cardiovascular System	Serap ARBAK
11:00 - 11:40	Rhythmical excitation of the heart	Meltem KOLGAZİ
11:50 - 12:30	Rhythmical excitation of the heart	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lab: Heart and pericardium_Group A	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	Lab: Heart and pericardium_Group A	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	Lab: Heart and pericardium_Group B	AB, MA, EK, AVİ Anatomy Lab
16:00 - 16:40	Lab: Heart and pericardium_Group B	AB, MA, EK, AVİ Anatomy Lab
16:50 - 17:30	Study Time	

07.10.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Physiological principles of heart sounds	Meltem KOLGAZİ
10:10 - 10:50	Regulation of cardiac functions	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	Drugs altering autonomic nervous system and NO system	Pharmacology Department
14:20 - 15:00	Drugs altering autonomic nervous system and NO system	Pharmacology Department
15:10 - 15:50	Drugs altering autonomic nervous system and NO system	Pharmacology Department
16:00 - 16:40	CMPS/EBM: Error sources in epidemiological studies-1-study time for TBL	
16:50 - 17:30	CMPS/EBM: Error sources in epidemiological studies-1-study time for TBL	

10.10.2022 MONDAY		
08:30 - 09:10		
09:20 - 10:00	Physical principles of ECG	Evren KILINÇ
10:10 - 10:50	Physical principles of ECG	Evren KILINÇ
11:00 - 11:40	Equation of continuity, Kinetic energy associated with blood: Bernoulli's law	Beki KAN
11:50 - 12:30	Pressure drop, resistance of vascular beds	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiological principles of ECG	Meltem KOLGAZİ
14:20 - 15:00	Physiological principles of ECG	Meltem KOLGAZİ
15:10 - 15:50	Clinical Assessment of normal ECG	Burak PAMUKÇU
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.10.2022 TUESDAY		
08:30 - 09:10		
09:20 - 10:00	Cardiovascular History and symptoms	Selçuk GÖRMEZ
10:10 - 10:50	Physical Examination in Cardiology	Selçuk GÖRMEZ
11:00 - 11:40	Biophysics of blood vessel systems, Laplace's law	Evren KILINÇ
11:50 - 12:30	Biophysics of blood vessel systems, Laplace's law	Evren KILINÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	ECG: bradycardia and heart blocks	Burak PAMUKÇU
14:20 - 15:00	Case discussion of normal ECG	PAMUKCU, KOLGAZİ, KILINÇ
15:10 - 15:50	Case discussion of normal ECG	PAMUKCU, KOLGAZİ, KILINÇ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

12.10.2022 WEDNESDAY		
08:30 - 09:10		
09:20 - 10:00		
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(practice)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Error sources in epidemiological studies-1(practice)	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	

13.10.2022 THURSDAY		
08:30 - 09:10		
09:20 - 10:00	LAB: Microscope Skills_Group A	SA, DY, MAE A301
10:10 - 10:50	Lab: Histology of heart and blood vessels_Group A	SA, DY, MAE A301
11:00 - 11:40	LAB: Microscope Skills_Group B	SA, DY, MAE A301
11:50 - 12:30	Lab: Histology of heart and blood vessels_Group B	SA, DY, MAE A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drug treatment of cardiac arrhythmia	Emel BALOĞLU
14:20 - 15:00	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Ahmet AKYOL
15:10 - 15:50	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Ahmet AKYOL
16:00 - 16:40	Basic Arrhythmia Mechanism	Ahmet AKYOL
16:50 - 17:30	Basic Arrhythmia Mechanism	Ahmet AKYOL

14.10.2022 FRIDAY		
08:30 - 09:10		
09:20 - 10:00	Lab: Large vessels_Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	Lab: Large vessels_Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	Regulation of blood flow	Meltem KOLGAZİ
11:50 - 12:30	Regulation of blood flow	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	The role of gravity in circulation	Evren KILINÇ
14:20 - 15:00	Lipoprotein Metabolism and hyperlipidemias	Mustafa SERTESER
15:10 - 15:50	Lipoprotein Metabolism and hyperlipidemias	Mustafa SERTESER
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	

17.10.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Regulation of blood pressure	Meltem KOLGAZİ
10:10 - 10:50	Regulation of blood pressure	Meltem KOLGAZİ
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Systemic hypertension: mechanisms and diagnosis	Elif EROĞLU
14:20 - 15:00	Drug treatment of atherosclerosis- hypercholest. and dyslipidemia	Emel BALOĞLU
15:10 - 15:50	Drug treatment of atherosclerosis- hypercholest. and dyslipidemia	Emel BALOĞLU
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.10.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
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	Pharmacology Department
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Formative Assessment I	Altıntaş , Kılınç
14:20 - 15:00	Formative Assessment I	Altıntaş , Kılınç
15:10 - 15:50	Study Time	
16:00 - 16:40	Drug treatment of hypertension	Filiz ONAT
16:50 - 17:30	Drug treatment of hypertension	Filiz ONAT

19.10.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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(practice)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Error sources in epidemiological studies-2(practice)	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	Drug treatment of hypertension	Filiz ONAT
16:50 - 17:30	Drug treatment of hypertension	Filiz ONAT

20.10.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00		
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 KİLERCİK
14:20 - 15:00	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Meltem KİLERCİK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.10.2022 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	CMPS/EBM:Randomized clinical- study time for TBL	
16:50 - 17:30	CMPS/EBM:Randomized clinical- study time for TBL	

24.10.2022 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
 13:30 - 14:10
 14:20 - 15:00
 15:10 - 15:50
 16:00 - 16:40
 16:50 - 17:30

MED 311 THEORETICAL EXAMINATION I
 MED 311 THEORETICAL EXAMINATION I

25.10.2022 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
 13:30 - 14:10
 14:20 - 15:00
 15:10 - 15:50
 16:00 - 16:40
 16:50 - 17:30

CMPS/EBM: Critical appraisal of a randomized clinical trial (RATs) DEMİR, TOPSEVER
 CMPS/EBM: Critical appraisal of a randomized clinical trial (practice) DEMİR, TOPSEVER
 CMPS/EBM: Critical appraisal of a randomized clinical trial (practice) DEMİR, TOPSEVER
 Lunch Time
 Microcirculation and oedema Meltem KOLGAZİ
 Microcirculation and oedema Meltem KOLGAZİ
 Coronary circulation and its regulation Meltem KOLGAZİ
 Atherosclerosis and hypertensive vascular diseases Cüyan DEMİRKESEN
 Atherosclerosis and hypertensive vascular diseases Cüyan DEMİRKESEN

26.10.2022 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
 13:30 - 14:10
 14:20 - 15:00
 15:10 - 15:50
 16:00 - 16:40
 16:50 - 17:30

Study Time
 Study Time
 Drug treatment of myocardial ischemia Emel BALOĞLU
 Drug treatment of myocardial ischemia Emel BALOĞLU
 Lunch Time
 Elective in Medicine
 Elective in Medicine
 Elective in Medicine
 ECG: ischemia, injury, necrosis Sinan DAĞDELEN
 ECG: ischemia, injury, necrosis Sinan DAĞDELEN

27.10.2022 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
 13:30 - 14:10
 14:20 - 15:00
 15:10 - 15:50
 16:00 - 16:40
 16:50 - 17:30

Study Time
 Study Time
 Study Time
 Mitral and Aortic valvular heart diseases Nalan KARADAĞ
 Mitral and Aortic valvular heart diseases Nalan KARADAĞ
 Lunch Time
 Study Time
 Study Time
 Myocardial ischemia and angina pectoris Aleks DEĞİRMENCİOĞLU
 Myocardial infarction: mechanisms and diagnosis Mustafa Ertuğrul MERCAN
 CMPS/EBM: Critical appraisal of a cohort study- study time for TBL

28.10.2022 FRIDAY

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

Tricuspid and Pulmonary valvular heart diseases Nalan KARADAĞ
 Right heart failure: physiopathology and diagnosis Nalan KARADAĞ
 Anticoagulant, thrombolytic agents and antiplatelet drugs Filiz ONAT
 Anticoagulant, thrombolytic agents and antiplatelet drugs Filiz ONAT
 Lunch Time
 Left heart failure: physiopathology and diagnosis Elif EROĞLU
 Left heart failure: physiopathology and diagnosis Elif EROĞLU
 Acute heart failure and cardiogenic shock Elif EROĞLU
 Study Time
 Study Time

31.10.2022 MONDAY

08:30 - 09:10		
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 SERTESER
11:50 - 12:30	Laboratory approach to heart failure and cardiac injury	Mustafa SERTESER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cardiomyopathies	Gültekin KARAKUŞ
14:20 - 15:00	Cardiomyopathies	Gültekin KARAKUŞ
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	

01.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Ischemic heart disease	İlkser AKPOLAT Zoom
10:10 - 10:50	Ischemic heart disease	İlkser AKPOLAT Zoom
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Genetics of cardiovascular diseases	Kaya BİLGÜVAR
14:20 - 15:00	Genetics of cardiovascular diseases	Kaya BİLGÜVAR
15:10 - 15:50	LAB: Heart sounds and cardiac murmurs	PAUDEL, KARADAĞ
16:00 - 16:40	LAB: ECG recording and evaluation tutorial	PAMUKÇU, MERCAN, GORMEZ, ZENCİRCİ CASE
16:50 - 17:30	LAB: ECG recording and evaluation tutorial	PAMUKÇU, MERCAN, GORMEZ, ZENCİRCİ CASE

02.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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 (practice)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a cohort study(practice)	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	Cardiac Infections	Sesin KOCAGÖZ
16:50 - 17:30	Cardiac Infections	Sesin KOCAGÖZ

03.11.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Vasculitis	Cüyan DEMİRKESEN
11:50 - 12:30	Coronary heart disease: Primary prevention	Mustafa Ertuğrul MERCAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Epidemiology of cardiovascular diseases	Yeşim YASİN
14:20 - 15:00	Prevention and control of cardiovascular diseases	Yeşim YASİN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study time for Malaria Panel	
16:50 - 17:30	Study time for Malaria Panel	

04.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Blood stream invasion and sepsis	Hülya KUŞOĞLU
10:10 - 10:50	Blood stream invasion and sepsis	Hülya KUŞOĞLU
11:00 - 11:40	Lymphoreticular system infections	Serap GENCER
11:50 - 12:30	Lymphoreticular system infections	Serap GENCER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Infections of blood and tissue parasites	Özgür KURT
14:20 - 15:00	Infections of blood and tissue parasites	Özgür KURT
15:10 - 15:50	LAB: Identification of Blood Borne Parasites	KURT, OKTEM- OKULLU Multidisciplinary Lab
16:00 - 16:40	LAB: Identification of Blood Borne Parasites	KURT, OKTEM- OKULLU Multidisciplinary Lab
16:50 - 17:30	CMPS/EBM: Critical appraisal of a case-control study- study time for TBL	

07.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
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	Lymphoreticular system infections	Serap GENCER
14:20 - 15:00	Lymphoreticular system infections	Serap GENCER
15:10 - 15:50	Study Time	
16:00 - 16:40	Malaria Panel	KURT, DEMİR, KOCAGÖZ
16:50 - 17:30	Malaria Panel	KURT, DEMİR, KOCAGÖZ

08.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Radiological anatomy and algorithm of the cardiovascular system	Deniz Can ALIŞ
11:00 - 11:40	Approach to cardiovascular diseases in primary care	Pınar TOPSEVER
11:50 - 12:30	PC approach to the patient with chest pain	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Formative Assessment II	ALTINTAŞ, KILINÇ
14:20 - 15:00	Formative Assessment II	ALTINTAŞ, KILINÇ
15:10 - 15:50	Drug treatment of heart failure	Emel BALOĞLU
16:00 - 16:40	Drug treatment of heart failure	Emel BALOĞLU
16:50 - 17:30	Study Time	

09.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
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 (practice)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a case-control study (practice)	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		
16:50 - 17:30		

10.11.2022 THURSDAY

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

11.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30		
13:30 - 14:10		
14:20 - 15:00	MED 311 THEORETICAL EXAMINATION II	
15:10 - 15:50	MED 311 THEORETICAL EXAMINATION II	
16:00 - 16:40		
16:50 - 17:30		

14.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Introduction to MED 313 Respiratory System	Meltem KOLGAZİ
11:00 - 11:40	CMPS/EBM:Critical appraisal of a methodological study-study time for TBL	
11:50 - 12:30	CMPS/EBM:Critical appraisal of a methodological study-study time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC 1: Study Time:Deepback muscles,sub-occipital region	
14:20 - 15:00	FC 1: Study Time: The root of neck / The neck	
15:10 - 15:50	FC 1: Study Time: Muscular triangles of the neck	
16:00 - 16:40	FC 1: Study Time: Muscular triangles of the neck	
16:50 - 17:30	FC 1: Group study time: Neck, deep back muscles, triangles of neck etc.	Anatomy Lab

15.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	The nose, associated structures and paranasal sinuses	Mustafa AKTEKİN
10:10 - 10:50	The nose, associated structures and paranasal sinuses	Mustafa AKTEKİN
11:00 - 11:40	Histology of the upper respiratory system	Serap ARBAK
11:50 - 12:30	Histology of the upper respiratory system	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of the lower respiratory system	Serap ARBAK
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/EBM: Critical appraisal of a methodological study (RATs)	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Critical appraisal of a methodological study (practice)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a methodological study (practice)	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	

17.11.2022 THURSDAY

08:30 - 09:10	FC 2: Study Time: The Larynx	
09:20 - 10:00	FC 2: Study Time: The Larynx	
10:10 - 10:50	FC 2: study time: The Trachea and the Lungs	
11:00 - 11:40	FC-1: Quiz & Discussion: Deepback muscles,sub-occipital region/The root of neck/ The Neck/ Muscular triangles of the Neck	Abdul Veli İSMAİLOĞLU
11:50 - 12:30	FC-1: Quiz & Discussion: Deepback muscles,sub-occipital region/The root of neck/ The Neck/ Muscular triangles of the Neck	Abdul Veli İSMAİLOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Deep back muscles,suboccipital region Group A	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: The Neck and Muscular triangles Group A	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	LAB: Deep back muscles,suboccipital region Group B	AB, MA, EK, AVİ Anatomy Lab
16:00 - 16:40	LAB: The Neck and Muscular triangles Group B	AB, MA, EK, AVİ Anatomy Lab
16:50 - 17:30		

18.11.2022 FRIDAY

08:30 - 09:10		
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: The Nose, Associated structures and Paranasal Sinuses Group A	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: The Nose, Associated structures and Paranasal Sinuses Group B	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	FC 2: Group study time: The Larynx, The Trachea and The Lungs	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	LAB: Histology of respiratory system A	SA, DY, MAE A301
11:00 - 11:40	LAB: Histology of resp system Group B	SA, DY, MAE A301
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC-2: Quiz & Discussion: The Larynx, trachea and lungs	Alp BAYRAMOĞLU
14:20 - 15:00	FC-2: Quiz & Discussion: The Larynx, trachea and lungs	Alp BAYRAMOĞLU
15:10 - 15:50	The ideal gas law, gas mixtures	Beki KAN
16:00 - 16:40	The ideal gas law, gas mixtures	Beki KAN
16:50 - 17:30	Study Time	

22.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Larynx, trachea and lungs Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Larynx, trachea and lungs Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Larynx, trachea and lungs Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Larynx, trachea and lungs Group B	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Transfer of respiratory gases in blood	Devrim ÖZ ARSLAN
14:20 - 15:00	Effects of incr. & decreased lung press. (deep sea diving-high altitude)	Devrim ÖZ ARSLAN
15:10 - 15:50	Effects of incr. & decreased lung press. (deep sea diving-high altitude)	Devrim ÖZ ARSLAN
16:00 - 16:40	Development of Respiratory System	Deniz YÜCEL
16:50 - 17:30	Study Time	

23.11.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Viral and fungal diseases of the lung	Handan ZEREN
10:10 - 10:50	Bacterial pneumonias and lung abscess	Handan ZEREN
11:00 - 11:40	CMPS/EBM: Critical appraisal of a meta-analysis	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a meta-analysis	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	Surface tension of alveoli	Beki KAN
16:50 - 17:30	Surface tension of alveoli	Beki KAN

24.11.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Cholinergics, anticholinergic & catecholaminergic drugs in RSD.	Pharmacology Department
10:10 - 10:50	The Thoracic Wall	Abdul Veli İSMAİLOĞLU
11:00 - 11:40	The Thoracic Wall	Abdul Veli İSMAİLOĞLU
11:50 - 12:30	FC 3: Study Time: Mediastinum and diaphragm	
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	FC 3: Study Time: Mediastinum and diaphragm	
16:50 - 17:30	FC 3: Group Study Time: Mediastinum, diaphragm	

25.11.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Mediastinum & Diaphragm, The Thoracic Wall Group A	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: TMediastinum & Diaphragm, The Thoracic Wall Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40		
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
14:20 - 15:00	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
15:10 - 15:50	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
16:00 - 16:40	Panel: TBC	KOCAGÖZ, ÇUHADAROĞLU, YASİN, ZEREN
16:50 - 17:30	Study Time	

28.11.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Upper respiratory system infections	Hülya KUŞOĞLU
10:10 - 10:50	Upper respiratory system infections	Hülya KUŞOĞLU
11:00 - 11:40	Tumors of pleura and mediastinum	Handan ZEREN
11:50 - 12:30	Study time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	FC-3: Quiz & Discussion: Mediastinum & diaphragm	Mustafa AKTEKİN
14:20 - 15:00	FC-3: Quiz & Discussion: Mediastinum & diaphragm	Mustafa AKTEKİN
15:10 - 15:50	LAB: Mediastinum & Diaphragm, The Thoracic Wall Group A	AB, MA, EK, AVİ Anatomy Lab
16:00 - 16:40	LAB: Mediastinum & Diaphragm, The Thoracic Wall Group B	AB, MA, EK, AVİ Anatomy Lab
16:50 - 17:30	Study Time	

29.11.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Respiratory system functions	Hande YAPIŞLAR
11:00 - 11:40	Respiratory system functions	Hande YAPIŞLAR
11:50 - 12:30	Alveolar and tissue respiration	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lower respiratory system infections	Sesin KOCAGÖZ
14:20 - 15:00	Lower respiratory system infections	Sesin KOCAGÖZ
15:10 - 15:50	Upper airway infections in child	Sibel AKA
16:00 - 16:40	Upper airway infections in child	Sibel AKA
16:50 - 17:30	Study Time	

30.11.2022 WEDNESDAY

08:30 - 09:10		
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	CMPS/EBM: written examination	
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	

01.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Panel: Asthma	KİRİŞOĞLU, BOZDOĞAN, TOPSEVER
10:10 - 10:50	Panel: Asthma	KİRİŞOĞLU, BOZDOĞAN, TOPSEVER
11:00 - 11:40	Panel: Asthma	KİRİŞOĞLU, BOZDOĞAN, TOPSEVER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Neoplastic diseases of the lung	Handan ZEREN
14:20 - 15:00	Neoplastic diseases of the lung	Handan ZEREN
15:10 - 15:50	Drugs for asthma	Pharmacology Department
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Chronic Obstructive Pulmonary Disease	Ceyda Erel KİRİŞOĞLU Zoom
10:10 - 10:50	Chronic Obstructive Pulmonary Disease	Ceyda Erel KİRİŞOĞLU Zoom
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of common chronic obstructive lung diseases	Handan ZEREN
14:20 - 15:00	Pathology of common chronic obstructive lung diseases	Handan ZEREN
15:10 - 15:50	Regulation of respiration	Hande YAPIŞLAR
16:00 - 16:40	Regulation of respiration	Hande YAPIŞLAR
16:50 - 17:30	Expectorants, Antitussive agents and decongestants	Emel BALOĞLU

05.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00	Sleep Apnea Syndrome	Ceyda Erel KİRİŞOĞLU Zoom
10:10 - 10:50	Sleep Apnea Syndrome	Ceyda Erel KİRİŞOĞLU Zoom
11:00 - 11:40	Study time	
11:50 - 12:30	Tobacco Control, smoking cessation and air pollution	Gülseren SAĞCAN Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Radiological anatomy and algorithm of the thorax	Aylin ALTAN KUŞ Zoom
14:20 - 15:00	Radiological anatomy and algorithm of the thorax	Aylin ALTAN KUŞ Zoom
15:10 - 15:50	TBL study time	
16:00 - 16:40	TBL study time	
16:50 - 17:30	TBL study time	

06.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	CMPS/EBM_ACS: Introduction to Advanced Communication Skills	Pınar TOPSEVER
11:00 - 11:40	CMPS/EBM_ACS: Difficult patient encounters	Şirin PARKAN
11:50 - 12:30	CMPS/EBM_ACS: Breaking bad news	Yasemin ALANAY
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English: Respiratory System Journal Club	Sesin KOCAGÖZ
14:20 - 15:00	Medical English: Respiratory System Journal Club	Sesin KOCAGÖZ
15:10 - 15:50	TBL Study Time	
16:00 - 16:40	TBL Study Time	
16:50 - 17:30		

07.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	TBL: Tobacco Control, smoking cessation and air pollution	KİRİŞOĞLU, ÇUHADAROĞLU
11:00 - 11:40	TBL: Tobacco Control, smoking cessation and air pollution	KİRİŞOĞLU, ÇUHADAROĞLU
11:50 - 12:30	TBL: Tobacco Control, smoking cessation and air pollution	KİRİŞOĞLU, ÇUHADAROĞLU
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	

08.12.2022 THURSDAY

08:30 - 09:10	Occupational health and safety education program	
09:20 - 10:00	Occupational health and safety education program	
10:10 - 10:50	Occupational health and safety education program	
11:00 - 11:40	Occupational health and safety education program	
11:50 - 12:30	Occupational health and safety education program	
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	Interstitial lung disease	Ceyda Erel KİRİŞOĞLU
16:50 - 17:30	Impact of Sleep on Respiratory	Ceyda Erel KİRİŞOĞLU

09.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	PANEL:Occupational and environmental lung diseases	SAĞCAN, ZEREN, YASİN
10:10 - 10:50	PANEL:Occupational and environmental lung diseases	SAĞCAN, ZEREN, YASİN
11:00 - 11:40	PANEL:Occupational and environmental lung diseases	SAĞCAN, ZEREN, YASİN
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	

12.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	Formative Assessment	ALTINTAŞ,KOLGAZİ
11:50 - 12:30	Formative Assessment	ALTINTAŞ,KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Breath Sounds Group A	Çağlar ÇUHADAROĞLU CASE
14:20 - 15:00	LAB: Breath Sounds Group B	Çağlar ÇUHADAROĞLU CASE
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	CMPS/EBM_ACS:Initiating behavior change, motivational interviewing	Pınar TOPSEVER
11:50 - 12:30	CMPS/EBM_ACS:Initiating behavior change, motivational interviewing	Pınar 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	

14.12.2022 WEDNESDAY

08:30 - 09:10		
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	Study Time	
16:50 - 17:30	Study Time	

15.12.2022 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

16.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	MED 313 THEORETICAL EXAMINATION	
11:50 - 12:30	MED 313 THEORETICAL EXAMINATION	
12:30 - 13:30		
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		

19.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Introduction to MED 315 Gastrointestinal System	Beste KINIKOĞLU EROL
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	

20.12.2022 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

21.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	TBL: Introduction to GIS Anatomy	Abdul Veli İSMAİLOĞLU
10:10 - 10:50	LAB: Abdominal wall & peritoneum_Group A	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Abdominal wall & peritoneum_Group B	AB, MA, EK, AVİ Anatomy Lab
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	Histology of the upper digestive system	Serap ARBAK
16:50 - 17:30	Study Time TBL 1	

22.12.2022 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

23.12.2022 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Study Time TBL 1	
10:10 - 10:50	Study Time TBL 1	
11:00 - 11:40	Group Study Time TBL 1	Anatomy Lab
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of the Upper Digestive System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
14:20 - 15:00	LAB: Histology of the Upper Digestive System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
15:10 - 15:50	LAB: Histology of the Upper Digestive System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
16:00 - 16:40	LAB: Histology of the Upper Digestive System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
16:50 - 17:30	Study Time	

26.12.2022 MONDAY

08:30 - 09:10		
09:20 - 10:00		
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	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	TBL 1 LAB: Oral cavity, pharynx, oesophagus_Group A	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of the lower digestive system	Serap ARBAK
14:20 - 15:00	Histology of the lower digestive system	Serap ARBAK
15:10 - 15:50	Study Time TBL 2	
16:00 - 16:40	Study Time TBL 2	
16:50 - 17:30	Study Time TBL 2	

27.12.2022 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Group Study Time TBL 2	Anatomy Lab
10:10 - 10:50	Pathology of oral cavity and salivary gland	Sibel ERDAMAR ÇETİN
11:00 - 11:40	Pathology of esophagus	Sibel ERDAMAR ÇETİN
11:50 - 12:30	Pathology of esophagus	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM_ACS: Tutor feed-back	PT, FD, DD, DK, IP, ŞP, MŞ,LA Tutors' Room or CASE
14:20 - 15:00	CMPS/EBM_ACS: Tutor feed-back	PT, FD, DD, DK, IP, ŞP, MŞ,LA Tutors' Room or CASE
15:10 - 15:50	CMPS/EBM_ACS: Tutor feed-back	PT, FD, DD, DK, IP, ŞP, MŞ,LA Tutors' Room or CASE
16:00 - 16:40	CMPS/EBM_ACS: Tutor feed-back	PT, FD, DD, DK, IP, ŞP, MŞ,LA Tutors' Room or CASE
16:50 - 17:30	CMPS/EBM_ACS: Tutor feed-back	PT, FD, DD, DK, IP, ŞP, MŞ,LA Tutors' Room or CASE

28.12.2022 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	PBL Session 1	BK, DD, DY, DK, EB, HY, MAE Meeting rooms
11:50 - 12:30	PBL Session 1	BK, DD, DY, DK, EB, HY, MAE Meeting rooms
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	

29.12.2022 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Study Time for PBL	
10:10 - 10:50	TBL 2: Readiness ass. test 'stomach, small int.' & cover lecture	Alp BAYRAMOĞLU
11:00 - 11:40	TBL 2 LAB: stomach, small intestine_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	TBL 2 LAB: stomach, small intestine_Group B	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English:GIS Journal Club	Nurdan TÖZÜN
14:20 - 15:00	Medical English:GIS Journal Club	Nurdan TÖZÜN
15:10 - 15:50	Motor and secretory functions of the stomach	Meltem KOLGAZİ
16:00 - 16:40	Digestion in the stomach	Meltem KOLGAZİ
16:50 - 17:30		

30.12.2022 FRIDAY

08:30 - 09:10	Study Time TBL 3	
09:20 - 10:00	Study Time TBL 3	
10:10 - 10:50	Study Time TBL 3	
11:00 - 11:40	Secretions of exocrine pancreas and gall bladder	Meltem KOLGAZİ
11:50 - 12:30	Motor and secretory functions of the small intestine	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Dig. and abs. of nitrogenous compounds, carbohydrates and fat	Ahmet Tarık BAYKAL
14:20 - 15:00	Dig. and abs. of nitrogenous compounds, carbohydrates and fat	Ahmet Tarık BAYKAL
15:10 - 15:50	Group Study Time TBL 3	Anatomy Lab
16:00 - 16:40	Histology of the pancreas and the glands of the digestive system	Merve Açikel ELMAS
16:50 - 17:30	Histology of liver	Serap ARBAK

02.01.2023 MONDAY		
08:30 - 09:10		
09:20 - 10:00	TBL 3: Readiness ass. test 'large int., anal canal' & cover lecture	Elif KESKİNÖZ
10:10 - 10:50	TBL 3 LAB: Large intestine, anal canal_Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	TBL 3 LAB: Large intestine, anal canal_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	Study Time TBL 4	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Digestion and absorbtion in the small intestine	Meltem KOLGAZİ
14:20 - 15:00	Digestion and absorbtion in the small intestine	Meltem KOLGAZİ
15:10 - 15:50	Study Time TBL 4	
16:00 - 16:40	Study Time TBL 4	
16:50 - 17:30	Group Study Time TBL 4	Anatomy Lab

03.01.2023 TUESDAY		
08:30 - 09:10		
09:20 - 10:00	LAB: Hist of the lower Dig. sys_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
10:10 - 10:50	LAB: Hist of the lower Dig. sys_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:00 - 11:40	LAB: Hist of the lower Dig. sys_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Hist of the lower Dig. sys_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
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	PBL Session 2	BK, DD, DY, DK, EB, HY, MAE Meeting rooms
16:00 - 16:40	PBL Session 2	BK, DD, DY, DK, EB, HY, MAE Meeting rooms
16:50 - 17:30	Study Time for PBL	

04.01.2023 WEDNESDAY		
08:30 - 09:10	Study Time for PBL	
09:20 - 10:00	LAB: Histology of the Glands _ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
10:10 - 10:50	LAB: Histology of the Glands _ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:00 - 11:40	LAB: Histology of the Glands _ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Histology of the Glands _ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
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	

05.01.2023 THURSDAY		
08:30 - 09:10		
09:20 - 10:00	Molecular basis of colon cancer	Cemaliye AKYERLİ BOYLU
10:10 - 10:50	TBL 4:Readiness ass. test 'liver, hepatobilier& portal sys.& coverlecture	Abdul Veli İSMAİLOĞLU
11:00 - 11:40	TBL 4 LAB: Liver, hepatobilier & portal system_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	TBL 4 LAB: Liver, hepatobilier & portal system_Group B	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Motor and secretory functions; absorbtion in the large intestine; def.	Meltem KOLGAZİ
14:20 - 15:00	Motor and secretory functions; absorbtion in the large intestine; def.	Meltem KOLGAZİ
15:10 - 15:50	Regulation of feeding	Meltem KOLGAZİ
16:00 - 16:40	Pathology of gastritis and peptic ulcer	Sibel ERDAMAR ÇETİN
16:50 - 17:30	Pathology of gastritis and peptic ulcer	Sibel ERDAMAR ÇETİN

06.01.2023 FRIDAY		
08:30 - 09:10		
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	Gastric, intestinal and pancreatic function tests	Mustafa SERTESER
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Gastroesophageal reflux disease	Arzu TİFTİKÇİ Zoom
15:10 - 15:50	Tumors of the upper and lower digestive tract	Eser KUTSAL Zoom
16:00 - 16:40	Biochemical assessment of liver function	Suna YAPALI Zoom
16:50 - 17:30	Peptic ulcer disease	Fatih Oğuz ÖNDER Zoom

09.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Drugs for the therapy of acid peptic diseases	Filiz ONAT
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	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Neoplastic diseases of the stomach	Sibel ERDAMAR ÇETİN
14:20 - 15:00	Neoplastic diseases of the stomach	Sibel ERDAMAR ÇETİN
15:10 - 15:50	Tumors of small and large intestine	Sibel ERDAMAR ÇETİN
16:00 - 16:40	Tumors of small and large intestine	Sibel ERDAMAR ÇETİN
16:50 - 17:30	Study Time	

10.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	PBL Session 3	BK, DD, DY, DK, EB, HY, MAE Meeting rooms
10:10 - 10:50	PBL Session 3	BK, DD, DY, DK, EB, HY, MAE Meeting rooms
11:00 - 11:40	Development of digestive system	Serap ARBAK
11:50 - 12:30	Development of digestive system	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Formative Assessment I	ALTINTAŞ, KINIKOĞLU
14:20 - 15:00	Formative Assessment I	ALTINTAŞ, KINIKOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.01.2023 WEDNESDAY

08:30 - 09:10		
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	Study Time	
16:50 - 17:30	Study Time	

12.01.2023 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	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	

13.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	MED 315 THEORETICAL EXAMINATION I	
11:50 - 12:30	MED 315 THEORETICAL EXAMINATION I	
12:30 - 13:30		
13:30 - 14:10		
14:20 - 15:00	MED 315 PRACTICAL EXAMINATION	
15:10 - 15:50	MED 315 PRACTICAL EXAMINATION	
16:00 - 16:40		
16:50 - 17:30		

16.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Morphologic patterns of hepatic injury and cirrhosis	Hale KIRIMLIOĞLU Zoom
10:10 - 10:50	Morphologic patterns of hepatic injury and cirrhosis	Hale KIRIMLIOĞLU Zoom
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
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

17.01.2023 TUESDAY

08:30 - 09:10		
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	Uğur ÖZBEK
14:20 - 15:00	Genetic basis of common gastrointestinal disorders	Uğur ÖZBEK
15:10 - 15:50	Virology of Hepatitis	Sesin KOCAGÖZ
16:00 - 16:40	Parasitic Gastroenteritis	Özgür KURT
16:50 - 17:30	Food safety	Yeşim YASIN

18.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Inborn errors of metabolism	Hale KIRIMLIOĞLU Zoom
11:00 - 11:40	Inborn errors of metabolism	Hale KIRIMLIOĞLU Zoom
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	

19.01.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Functional GI disorders	Özda ERSOY Zoom
10:10 - 10:50	Functional GI disorders	Özda ERSOY Zoom
11:00 - 11:40	Malabsorption and coeliac disease	Arzu TİFTİKÇİ Zoom
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
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	

20.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Pathology of acute and chronic hepatitis	Hale KIRIMLIOĞLU Zoom
10:10 - 10:50	Pathology of acute and chronic hepatitis	Hale KIRIMLIOĞLU Zoom
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Acute abdominal disease in children	Burak TANDER
14:20 - 15:00	Study Time	
15:10 - 15:50	Gastrointestinal system embryopathogenesis	Burak TANDER
16:00 - 16:40	Gastrointestinal system embryopathogenesis	Burak TANDER
16:50 - 17:30	Study Time	

23.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Reference intervals and interpretation of laboratory tests	Abdurrahman COŞKUN
11:00 - 11:40	Reference intervals and interpretation of laboratory tests	Abdurrahman COŞKUN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Acute viral hepatitis	Suna YAPALI Zoom
15:10 - 15:50	Acute viral hepatitis	Suna YAPALI Zoom
16:00 - 16:40	Pathology of metabolic liver diseases	Hale KIRIMLIOĞLU Zoom
16:50 - 17:30	Pathology of metabolic liver diseases	Hale KIRIMLIOĞLU Zoom

24.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Hereditary and metabolic diseases of the liver in the adult	Fatih Oğuz ÖNDER Zoom
10:10 - 10:50	Gallstone disease	Can GÖNEN Zoom
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	Healthpromotion & 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

25.01.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Pathology of intrahepatic biliary tract diseases	Hale KIRIMLIOĞLU Zoom
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of hepatic nodules and tumors	Hale KIRIMLIOĞLU Zoom
11:50 - 12:30	Pathology of hepatic nodules and tumors	Hale KIRIMLIOĞLU Zoom
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	Pharmacology Department
16:50 - 17:30	Study Time	

26.01.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Tumors of the liver	Özda ERSOY Zoom
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of circulatory disorders of liver	Hale KIRIMLIOĞLU Zoom
11:50 - 12:30	Pathology of drug and toxin induced liver diseases	Hale KIRIMLIOĞLU Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Alcoholic and nonalcoholic liver diseases	Bülent DEĞERTEKİN Zoom
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.01.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Drugs used in inflammatory bowel disease + pancreatic disease	Pharmacology Department
10:10 - 10:50	Drugs used in inflammatory bowel disease + pancreatic disease	Pharmacology Department
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drugs affecting secretory and motor functions of GI system	Emel BALOĞLU
14:20 - 15:00	Drugs for constipation and diarrhea	Emel BALOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Infectious enterocolitis	Sibel ERDAMAR ÇETİN
16:50 - 17:30	Malabsorption syndromes, vascular disorders and diverticular disease	Sibel ERDAMAR ÇETİN

30.01.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Inflammatory bowel disease	Can GÖNEN Zoom
11:50 - 12:30	Inflammatory bowel disease	Can GÖNEN Zoom
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Radiological anatomy and algorithm of the abdomen	Aylin ALTAN KUŞ Zoom
14:20 - 15:00	Radiological anatomy and algorithm of the abdomen	Aylin ALTAN KUŞ Zoom
15:10 - 15:50	Study Time	
16:00 - 16:40	Pathology of exocrine pancreas and gall bladder and appendix	Hale KIRIMLIOĞLU Zoom
16:50 - 17:30	Pathology of exocrine pancreas and gall bladder and appendix	Hale KIRIMLIOĞLU Zoom

31.01.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of Inflammatory bowel disease	Sibel ERDAMAR ÇETİN
11:50 - 12:30	Pathology of Inflammatory bowel disease	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Acute pancreatitis	Gürhan ŞİŞMAN
14:20 - 15:00	Acute pancreatitis	Gürhan ŞİŞMAN
15:10 - 15:50	Chronic pancreatitis	Gürhan ŞİŞMAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.02.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40	Formative Assessment II	ALTINTAŞ, KINIKOĞLU
11:50 - 12:30	Formative Assessment II	ALTINTAŞ, KINIKOĞLU
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	

02.02.2023 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	

03.02.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30		
13:30 - 14:10		
14:20 - 15:00	MED 315 THEORETICAL EXAMINATION II	
15:10 - 15:50	MED 315 THEORETICAL EXAMINATION II	
16:00 - 16:40		
16:50 - 17:30		

YEAR 3 SPRING SEMESTER SCHEDULE



20.02.2023 MONDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50	Introduction to MED 312 Urogenital System	Mehmet ERGEN
11:00 - 11:40	CMPS/H&S-II: Introduction to Health & Society-II- orientation field study	Yeşim YASİN
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	

21.02.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Glomerular filtration	Güldal SÜYEN
10:10 - 10:50	Glomerular filtration	Güldal SÜYEN
11:00 - 11:40	LAB: Kidney, ureter, urinary bladder, urethra_Group B	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Kidney, ureter, urinary bladder, urethra_Group A	AB, MA, EK, AVİ Anatomy Lab
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 A301
14:20 - 15:00	LAB: Histology of the organs forming the urinary system_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
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	

22.02.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Tubular reabsorption and secretion	Güldal SÜYEN
10:10 - 10:50	Tubular reabsorption and secretion	Güldal SÜYEN
11:00 - 11:40	LAB: Histology of the organs forming the urinary system_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Histology of the organs forming the urinary system_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
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	

23.02.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Pelvis and Perineum	Mustafa AKTEKİN
10:10 - 10:50	Vessels of the pelvis	Mustafa AKTEKİN
11:00 - 11:40	Development of the urinary system	Deniz YÜCEL
11:50 - 12:30	Development of the urinary system	Deniz YÜCEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Pelvis, perineum and vessels of the pelvis Group _A	AB, MA, EK, AVİ Anatomy Lab
14:20 - 15:00	LAB: Pelvis, perineum and vessels of the pelvis Group _B	AB, MA, EK, AVİ Anatomy Lab
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.02.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Agents affecting renal conservation of water	Emel BALOĞLU
10:10 - 10:50	Micturition	Güldal SÜYEN
11:00 - 11:40	CMPS/H&S-II: Health Systems and Policy-I	Yeşim YASİN
11:50 - 12:30	CMPS/H&S-II: Health Systems and Policy-I	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
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	Study Time	
16:50 - 17:30	Study Time	

27.02.2023 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	

28.02.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Urine Examination_Group A	ÖZPINAR, AKSUNGAR Multidisciplinary Lab
10:10 - 10:50	LAB: Urine Examination_Group A	ÖZPINAR, AKSUNGAR Multidisciplinary Lab
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	Pathology of urinary tract	Yeşim SAĞLİCAN
16:00 - 16:40	Pathology of renal tumors	Yeşim SAĞLİCAN
16:50 - 17:30	Study Time	

01.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Urine Examination_Group B	ÖZPINAR, AKSUNGAR Multidisciplinary Lab
10:10 - 10:50	LAB: Urine Examination_Group B	ÖZPINAR, AKSUNGAR Multidisciplinary Lab
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	

02.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Renal involvement in diabetes and hypertension	Sevgi ŞAHİN Zoom
10:10 - 10:50	Clinical presentation of glomerular and tubulointerstitial diseases	Sevgi ŞAHİN Zoom
11:00 - 11:40	Urologic symptoms and physical examination	Hakan ÖZVERİ Zoom
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 SAĞLİCAN
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		

03.03.2023 FRIDAY

08:30 - 09:10		
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 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	Urinary incontinence	Burak ÖZKAN
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Urinary obstruction	İlter TÜFEK Zoom

06.03.2023 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	

07.03.2023 TUESDAY

08:30 - 09:10		
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	Management of the patient with urinary incontinence in primary care	Şirin PARKAN
15:10 - 15:50	FC Group study time: Anatomy of female and male genital organs	Anatomy Lab
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Hereditary basis of renal disorders	Cemaliye AKYERLİ BOYLU
10:10 - 10:50	Drugs affecting bladder functions	Pharmacology Department
11:00 - 11:40	FC Quiz & Discussion: Anatomy of female & male genital organs	Elif KESKİNÖZ
11:50 - 12:30	FC Quiz & Discussion: Anatomy of female & male genital organs	Elif 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		
16:50 - 17:30		

09.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	LAB: Female and male genital organs_Group B	AB, MA, EK, AVİ Anatomy Lab
10:10 - 10:50	LAB: Female and male genital organs_Group B	AB, MA, EK, AVİ Anatomy Lab
11:00 - 11:40	LAB: Female and male genital organs_Group A	AB, MA, EK, AVİ Anatomy Lab
11:50 - 12:30	LAB: Female and male genital organs_Group A	AB, MA, EK, AVİ Anatomy Lab
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Formative Assessment I	ALTINTAŞ, ERGEN
14:20 - 15:00	Formative Assessment I	ALTINTAŞ, ERGEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00		
10:10 - 10:50		
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	TBL Session: Fluid-electrolytes & acid-base	SUNGUR, ERGEN
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		

13.03.2023 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

14.03.2023 TUESDAY

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

15.03.2023 WEDNESDAY

08:30 - 09:10	
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	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

16.03.2023 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

17.03.2023 FRIDAY

08:30 - 09:10	
09:20 - 10:00	
10:10 - 10:50	
11:00 - 11:40	
11:50 - 12:30	
12:30 - 13:30	
13:30 - 14:10	
14:20 - 15:00	MED 312 THEORETICAL EXAMINATION I
15:10 - 15:50	MED 312 THEORETICAL EXAMINATION I
16:00 - 16:40	
16:50 - 17:30	

20.03.2023 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

21.03.2023 TUESDAY

08:30 - 09:10		
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	Güldal SÜYEN
14:20 - 15:00	Female reproductive function	Güldal SÜYEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

22.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Biochemistry of reproductive hormones	Ahmet Tarık BAYKAL
10:10 - 10:50	Biochemistry of reproductive hormones	Ahmet Tarık BAYKAL
11:00 - 11:40	LAB: Histology of the organs form. the fem. rep. sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Histology of the organs form. the fem. rep. sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
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	

23.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Gynecologic history taking, pelvic examination and diag. modalities	Belgin SELAM
10:10 - 10:50	Menstrual cycle disorders	Belgin SELAM
11:00 - 11:40	LAB: Histology of the organs form. the fem. rep. sys._Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB: Histology of the organs form. the fem. rep. sys._Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PBL Session 1 - Infertility	DD, ENK, ET, EK, FA, ÖK, YY Meeting rooms
14:20 - 15:00	PBL Session 1- Infertility	DD, ENK, ET, EK, FA, ÖK, YY Meeting rooms
15:10 - 15:50	Fertilization, implantation and reproductive immunology	Selin ÖZALTIN
16:00 - 16:40	Normal and abnormal labor and delivery	Selin ÖZALTIN
16:50 - 17:30	Study Time for PBL 1	

24.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/H&S-II: Introduction to health economics	Berna EREN
10:10 - 10:50	CMPS/H&S-II: Introduction to health economics	BERNA EREN
11:00 - 11:40	CMPS/H&S-II: Health Promotion	Figen DEMİR
11:50 - 12:30	CMPS/H&S-II: Health Promotion	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Gestational trophoblastic diseases and placental disorder	Handan ZEREN
14:20 - 15:00	Cytology of female reproductive system	Handan ZEREN
15:10 - 15:50	Pregnancy physiology	Güldal SÜYEN
16:00 - 16:40	Histology of the organs forming the male reproductive system	Deniz YÜCEL
16:50 - 17:30	Histology of the organs forming the male reproductive system	Deniz YÜCEL

27.03.2023 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	

28.03.2023 TUESDAY

08:30 - 09:10		
09:20 - 10:00	Physiologic changes in the puerperium	Selin ÖZALTIN Zoom
10:10 - 10:50	Congenital Infections	Metehan ÖZEN Zoom
11:00 - 11:40	Congenital Infections	Metehan ÖZEN Zoom
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Pathology of breast	Fatma TOKAT Zoom
15:10 - 15:50	Pathology of breast	Fatma TOKAT Zoom
16:00 - 16:40	Study Time for PBL 1	
16:50 - 17:30	Study Time for PBL 1	

29.03.2023 WEDNESDAY

08:30 - 09:10		
09:20 - 10:00	Male reproductive function	Güldal SÜYEN
10:10 - 10:50	Genetic basis of infertility	Uğur ÖZBEK
11:00 - 11:40	PBL Session 2 - Infertiliy	DD, ENK, ET, EK, FA, ÖK, YY Meeting rooms
11:50 - 12:30	PBL Session 2 - Infertiliy	DD, ENK, ET, EK, FA, ÖK, YY Meeting rooms
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	Development of the reproductive system	Merve AÇIKEL ELMAS
16:50 - 17:30	Development of the reproductive system	Merve AÇIKEL ELMAS

30.03.2023 THURSDAY

08:30 - 09:10		
09:20 - 10:00	Pathology of testis	Yeşim SAĞLICAN
10:10 - 10:50	Pathology of testis	Yeşim SAĞLICAN
11:00 - 11:40	LAB:Hist of the organs forming the male reproductive sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
11:50 - 12:30	LAB:Hist of the organs forming the male reproductive sys._Group A	ARBAK, YÜCEL, AÇIKEL ELMAS A301
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 A301
14:20 - 15:00	LAB:Hist of the organs forming the male reproductive sys._Group B	ARBAK, YÜCEL, AÇIKEL ELMAS A301
15:10 - 15:50	Study Time for PBL 2	
16:00 - 16:40	Hereditary breast and ovarian cancers	Cemaliye AKYERLİ BOYLU
16:50 - 17:30	Pathology of prostate	Yeşim SAĞLICAN

31.03.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	Male sexual dysfunction	Enis Rauf COŞKUNER
10:10 - 10:50	Agents for erectile dysfunction	Pharmacology Department
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	Androgens and anti-androgens	Emel BALOĞLU
14:20 - 15:00	Reproductive health	Yeşim YASİN
15:10 - 15:50	Safe motherhood	Yeşim YASİN
16:00 - 16:40	Study Time for PBL 2	
16:50 - 17:30	Study Time for PBL 2	

03.04.2023 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	

04.04.2023 TUESDAY

08:30 - 09:10		
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	PBL Session 3 - Infertility	DD, ENK, ET, EK, FA, ÖK, YY Meeting rooms
14:20 - 15:00	PBL Session 3 - Infertility	DD, ENK, ET, EK, FA, ÖK, YY Meeting rooms
15:10 - 15:50	Study Time	
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

05.04.2023 WEDNESDAY

08:30 - 09:10		
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	Pathology of ovary and fallopian tubes	Handan ZEREN
11:50 - 12:30	Pathology of ovary and fallopian tubes	Handan ZEREN
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	Genetic basis of infertility	Uğur ÖZBEK
16:50 - 17:30	Study Time	

06.04.2023 THURSDAY

08:30 - 09:10		
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	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	Panel: HIV	GÜROL, KOCAGÖZ, YASİN
14:20 - 15:00	Panel: HIV	GÜROL, KOCAGÖZ, YASİN
15:10 - 15:50	Panel: HIV	GÜROL, KOCAGÖZ, YASİN
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

07.04.2023 FRIDAY

08:30 - 09:10		
09:20 - 10:00	CMPS/H&S-II: Finance & economic appraisal of health	BERNA EREN
10:10 - 10:50	CMPS/H&S-II: Finance & economic appraisal of health	BERNA EREN
11:00 - 11:40	CMPS/H&S-II: Government's role in health care	BERNA EREN
11:50 - 12:30	CMPS/H&S-II: Government's role in health care	BERNA EREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Formative Assessment II	ALTINTAŞ, ERGEN
14:20 - 15:00	Formative Assessment II	ALTINTAŞ, ERGEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.04.2023 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

11.04.2023 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/H&S-II: 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	Study Time
16:50 - 17:30	Study Time

12.04.2023 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: Student reflection sessions	YASIN, DEMİR, TOPSEVER
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	

13.04.2023 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

14.04.2023 FRIDAY

08:30 - 09:10	
09:20 - 10:00	
10:10 - 10:50	
11:00 - 11:40	MED 312 PRACTICAL EXAMINATION
11:50 - 12:30	MED 312 PRACTICAL EXAMINATION
12:30 - 13:30	
13:30 - 14:10	
14:20 - 15:00	MED 312 THEORETICAL EXAMINATION II
15:10 - 15:50	MED 312 THEORETICAL EXAMINATION II
16:00 - 16:40	
16:50 - 17:30	



ACIBADEM
UNIVERSITY

ELECTIVES IN MEDICINE
PROGRAM STUDENT GUIDE
2022-2023

History
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Risks
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SCHOOL OF MEDICINE

ELECTIVES in MEDICINE
STUDENT GUIDE

V.1.03

October 2022

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- 2.2. Second Semester Elective Projects

3. Course information

4. Electives in Medicine Projects and Courses Table

5. Registration form

ELECTIVES in MEDICINE (Fall 2022 – 2023)

Coordinators

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

Fatih ARTVINLİ,
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

Social Research Projects Coordinator

Fatih ARTVINLİ,
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 BAYRAM
Ph.D. Assist. Prof.
Department of Medical Engineering

Deniz Yücel,
Ph. D. Assist. Prof.
Department of Histology and
Embryology

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Ph. D. Assoc. Prof.
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Medical Microbiology

Mehmet ERGEN
Ph.D. Assist. Prof.
Department of Physiology

Ali Rıza Cenk ÇELEBİ
M.D. Assoc. Prof.
Department of Ophthalmology

Yeşim YASİN
M.D. Assoc. Prof.
Department of Public Health

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 Bakırcı

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.

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ONLY ACCEPTED STUDENTS WOULD BE APPLY THE PROJECTS

Now you can apply to related project as your elective in medicine program

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YES

NO

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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 ARTVINLI



Courses and Projects (2022 – 2023)

Fall Semester Elective Courses

- EMED 001 Introduction to Medical Engineering**
Hande Bayram, Ph.D. Assist. Prof. Department of Medical Engineering
- EMED 005 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 008 Public Speaking**
Levent Altıntaş, M.D. Ph.D. Assoc. Prof. Department of Medical Education
- EMED 009 Computational 'Omics' Analysis**
O. Uğur Sezerman, Ph.D. Prof. Department of Biostatistics and Medical Informatics
- EMED 019 Research tools in psychophysiology**
Mehmet Ergen, Ph.D. Assist. Prof. Department of Physiology
- EMED 029 Biomedical Technologies –II-**
Sinem Öktem Okullu, Ph.D. Assist. Prof. Department of Medical Microbiology
- EMED 030 Ophthalmic Biotechnology**
Ali Rıza Cenk Çelebi, M.D. Assoc. Prof. Department of Ophthalmology
- EMED 203 Applied Statistics and Data Mining in Health Data**
Muhittin Serdar, M.D. Prof. Department of Medical Biochemistry
- EMED 304 How do we learn?**
Melike Şahiner, M.D. Assoc. Prof. Department of Medical Education
- EMED 305 Cognitive Biases and Noise in Diagnostic Reasoning**
I Cem Sungur, M.D. Prof., Department of Internal Medicine

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 020 Myths about Medicinal Plants**
Melike Şahiner, M. D. Assoc. Prof. Department of Medical Education
- EMED 031 History of Epidemics and Pandemics: Their Impacts on Society and Medicine**
Fatih Artvinli, Ph.D. 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 040 So Common No Matter How Rare**
Uğur Özbek, M.D. Prof., Department of Medical Genetics
- EMED 302 Personalized Medicine**
Uğur Sezerman, Ph.D. Prof., Department of Biostatistics and Medical Informatics
- EMED 306 Diagnostic Reasoning**
I Cem Sungur, M.D. Prof., Department of Internal Medicine

Spring Semester Elective Medical & Social Research Projects

- EMED 282/382 Social Research Projects**
Fatih Artvinli, Ph.D. Assoc. Prof. Department of History of Medicine and Ethics
- EMED 292/392 Medical Research Projects**
Tanıl Kocagöz, M.D. 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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2	Collaboration and Productivity / Team work	✓	Students are expected to work in teams in creating their solutions and presenting their idea																												
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4	Expressing him/herself (oral and written)	✓	Students are expected to present their innovative solution as an oral presentation and a written report																												
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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																												
6.1. Minimum number of participants	1																														
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></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	Vulnerable and Underserved Groups in Healthcare																														
2.1. Name of course instructor (coordinator)	Yeşim Yasin <i>Assoc. Prof. Public Health Department</i>																														
2.2. Names of co-instructors	Fatih Artvinli <i>Assoc. Prof. History of Medicine & Medical Ethics</i>																														
3.1. Brief course description	Aim of the course is to introduce the concept of vulnerability and its implications in medical care. Guest speakers from various NGOs representing variety of vulnerable groups in Turkey and/or people from disenfranchised groups themselves would be the main driver of this elective. Group discussions would follow each and every lecture. Relevant visual material would enrich the vision of students. Students would have an opportunity to understand the needs of these special groups, direct small group discussions and design a project on how to enhance the accessibility and quality of healthcare services tailored to the needs of underserved populations in terms of medical care.																														
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • Gain knowledge on the definition of vulnerability and its implications in medical care. • Define the main vulnerable groups. • Meet/encounter a member of a given vulnerable group. • Understand the special nature and healthcare needs of different vulnerable populations. • Write reflection papers and design projects to enhance their accessibility to healthcare services. 																														
5.1. Supported EME Course Basic Objective (s) <i>(Please, mark the supported EME Course basic objective(s) and explain briefly.)</i>	<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>NGO visits and/or interviews with people that fall in one of the a/m categories.</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Group discussions and presentations.</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>Paper writing & oral presentation</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Development of a project in order to make the needs of vulnerable groups, advocacy and policy.</td> </tr> <tr> <td>6</td> <td>Being aware and taking of the social and ethical responsibilities</td> <td>✓</td> <td>Rethinking physicians' role in giving voice to vulnerable groups.</td> </tr> </tbody> </table>			No	EME Course Basic Objectives	✓	Explanation	1	Self-directed learning	✓	NGO visits and/or interviews with people that fall in one of the a/m categories.	2	Collaboration and Productivity / Team work	✓	Group discussions and presentations.	3	Understanding and using the basic principles of evidence-based scientific approaches	✓		4	Expressing him/herself (oral and written)	✓	Paper writing & oral presentation	5	Project development implementation and evaluation	✓	Development of a project in order to make the needs of vulnerable groups, advocacy and policy.	6	Being aware and taking of the social and ethical responsibilities	✓	Rethinking physicians' role in giving voice to vulnerable groups.
No	EME Course Basic Objectives	✓	Explanation																												
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5	Project development implementation and evaluation	✓	Development of a project in order to make the needs of vulnerable groups, advocacy and policy.																												
6	Being aware and taking of the social and ethical responsibilities	✓	Rethinking physicians' role in giving voice to vulnerable groups.																												
6.1. Minimum number of participants	Ten (10)																														
6.2. Maximum number of participants	Twenty-five (25)																														
6.3. Year(s) and Semester(s) Offered (✓) <i>(Please, mark (✓)</i>	<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>X</td> <td></td> </tr> <tr> <td>Third</td> <td>X</td> <td></td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	Fall			Second	X		Third	X																	
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Second	X																														
Third	X																														
7.1. Prerequisite of the course	<ul style="list-style-type: none"> - min. 90% attendance - Fluency in Turkish language 																														
8.1. Planned Product(s) of the course <i>(At the end of the course students should create a product as a research report, presentation, and so on.)</i>	<p>During the course, students would be asked to write reflection papers. At the end of the course, students would be asked to write a paper about their projects in small groups. Students who earned a score of 75 or higher would be entitled to have a "Non-discrimination in Medical Service Certificate".</p>																														

9.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture, course overview
2	People with mental disorders
3	People with physical disabilities
4	People Living with HIV/AIDS
5	LGBTI+ community
6	Mobile Populations (street kids, homeless people, Romans etc.)
7	Victims of Violence against Women
8	Elderly
9	Sex Workers
10	Stray Animal
11	Project preparation
12	Project preparation
13	Project presentations
14	Project presentations

10.1. Assessment and evaluation plan

(This plan will be announced in the form of the course description.)

Overall active attendance: 25 pts.

Reflection papers: 10

Project presentations: 25 pts.

Paper: 40 pts.

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.
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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 (✓)	<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>X</td> <td></td> </tr> <tr> <td>Third</td> <td>X</td> <td></td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	Fall			Second	X		Third	X																	
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Third	X																														
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	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.
No	EME Course Basic Objectives	✓	Explanation																												
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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	Research tools in Psychophysiology														
2.1. Name of course instructor (coordinator)	Mehmet Ergen <i>Ph.D.</i> <i>Assist. Prof. Dep of Physiology</i>														
2.2. Names of co-instructors	Mustafa Seçkin <i>M.D.</i> <i>Assist. Prof. Department of Neurology</i>														
3.1. Brief course description	<p>The aim of the course is to introduce the research on cognition from perspectives of both physiology and behavioral sciences. The lectures will cover a tour (basic knowledge) on almost all available methods used in psychophysiology and cognitive neuroscience. There will also be advanced lectures on data recording, analysis of EEG and eye-tracking. In the last 3 weeks there will be a hands on sessions on a computer based behavioral task presentation software (PsychoPy). Attendees will design a genuine behavioral task. The course also includes discussions neuroscience news to increase media literacy of the students on this topic.</p>														
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • Gain knowledge on definitions and methods of behavioral neuroscience. • Gain insight into the rationale bridging behavioral tasks and brain activity • Design a computer based behavioral task • Gain methodological knowledge on basics of EEG and ,fMRI eye-tracking 														
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 neuroscience topics chosen by themselves.												
	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)	✓ Attendees are expected to actively participate by asking questions and making comments												
	5	Project development implementation and evaluation													
	6	Being aware and taking of the social and ethical responsibilities													
6.1. Minimum number of participants	6														
6.2. Maximum number of participants	8														
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;">✗</td> <td></td> </tr> <tr> <td>Third</td> <td style="text-align: center;">✗</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 (At the end of the course students should create a product as a research report, presentation, and so on.)	Attendees are expected to design a genuine behavioral task and reproduce several known tasks by the free software -PsychoPy.														
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	Average of weekly based active attendance performance (asking questions, participation in discussions): 50 pts Task design performance (functionality and complexity of the task): 50 pts														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture (informing about weekly plan, assessment plan) Brainstorming on the function of the nervous system and particularly the brain
2	Key concepts in cognitive neuroscience
3	Key concepts in cognitive neuroscience
4	Comprehensive summary of brain research methods
5	Comprehensive summary of brain research methods
6	Brain's electrical activity : EEG
7	Brain's electrical activity : Evoked potentials
8	Brain's electrical activity : Oscillations
9	fMRI – functional magnetic resonance imaging of cognitive
10	Cognitive functions and eye-tracking
11	PsychoPy: A freeware for behavioral task application / tutorial and demos
12	PsychoPy: A freeware for behavioral task application / tutorial and demos
13	PsychoPy: Experiment designing (study time with supervision)
14	PsychoPy Project presentation

1.1. Elective Course Title	Biomedical Technologies -II-																														
2.1. Name of course instructor (coordinator)	Sinem Öktem Okullu <i>Ph.D.</i> <i>Assist. Prof. Department of Medical Microbiology</i>																														
2.2. Names of co-instructors	Tanıl Kocagöz <i>MD. Ph.D.</i> <i>Prof. Department of Medical Microbiology</i>																														
3.1. Brief course description	<p>The aim of the course is 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 to which these technologies are based on and how these scientific principles are turned into diagnostic and therapeutic tools. The course also aims to make students evaluate easier the results of medical tests obtained by the diagnostic instruments and stimulate thinking and discussing about developing these technologies and new application areas. The course will be performed as a student centered active small group activities. During the training period attendances will have the opportunities of working together in small groups to perform experiments using biomedical technological methods.</p>																														
4.1. Course Objectives / Learning Outcomes	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • Gain knowledge about the principles of flow cytometry and how it is used in cell differentiation and counting • Understand how light is used for chemical and molecular analysis; the principle of fluorescence and its application in medicine • Evaluate different techniques of nucleic acid amplification and detection • Comprehend different techniques like electrophoresis, chromatography and mass spectrometry for separation and analysis of molecules 																														
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 biomedical technologies</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 selected laboratory practical</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 and gain the essential knowledge about the medical instruments and laboratory methods used in medicine</td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td>Project development implementation & evaluation</td> <td>✓</td> <td>Attendances 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 & ethical responsibilities</td> <td></td> <td></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 biomedical technologies	2	Collaboration and Productivity / Team work	✓	Attendances are expected to perform successful team work to perform selected laboratory practical	3	Understanding and using the basic principles of evidence-based scientific approaches	✓	Attendances are expected to study and gain the essential knowledge about the medical instruments and laboratory methods used in medicine	4	Expressing him/herself (oral and written)			5	Project development implementation & evaluation	✓	Attendances are expected to develop and perform their speeches as a team work based project.	6	Being aware and taking of the social & ethical responsibilities		
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6.2. Maximum number of participants	12																														
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Fall																															
Second	X																														
Third	X																														
7.1. Prerequisite of the course	None																														
8.1. Planned Product(s) of the course	Attendances are expected to give a presentation on a selected topic related with the use of break-through technologies in medicine.																														
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	Overall active attendance 50 pts., Individual presentation performance 50 pts.																														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory Lecture, Course Overview
2	Student Presentations 1-Nucleic Acid and Nucleic Acids Isolation (DNA, RNA and Protein
3	Student Presentations 2 - Nucleic Acid Amplification (PCR, RT-PCR)
4	Student Presentations 3 - Electrophoresis (DNA and Protein)
5	Introduction to Clinical Laboratory: Laboratory Instruments Used in Genetics Laboratory Visit to genetics laboratory and introduction to technologies used in genetics
6	Introduction to Clinical Laboratory: Laboratory Instruments Used in Microbiology Laboratory Visit to microbiology laboratory and introduction to technologies used in microbiology.
7	Introduction to Clinical Laboratory: Laboratory Instruments Used in Molecular Microbiology Laboratory Visit to microbiology laboratory and introduction to technologies used in microbiology.
8	Introduction to Clinical Laboratory: Laboratory Instruments Used in Biochemistry Laboratory Visit to biochemistry laboratory and introduction to technologies used in biochemistry.
9	Introduction to Clinical Laboratory: Laboratory Instruments Used in Pathology Laboratory Visit to molecular pathology laboratory and introduction to technologies used in molecular pathology.
10	Fluorescence Applications in Medicine - I -
11	Fluorescence Applications in Medicine - I -
12	Student Presentations; Fluorescence Applications in Medicine; X-Ray Radiography; Computed Tomography (CT) (computerized x-ray imaging); Ultrasonography
13	Student Presentations; Endoscopy; Electrocardiography (ECG); Electroencephalography (EEG); Positron Emission Tomography (PET); Dialysis
14	Student Presentations; Robotic Systems in Medicine; Audiogram and Vestibular Tests; Artificial Respiratory and Circulatory Systems; Tissue Engineering; Radiotherapy Instruments

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

1.1. Elective Course Title	How do we learn?														
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)															
3.1. Brief course description:	The aim of the course is to introduce the principles of learning and memory systems. 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 implement and evaluate some tests and tasks on people in order to understand the different ways of learning in man?														
4.1. Course Objectives / Learning Outcomes:	<ul style="list-style-type: none"> • Gain knowledge of fundamentals of learning and memory • Implement and evaluate a learning test/task on people • Perform and evaluate a project based team work activity. 														
5.1. Supported EME Course Basic Objective(s)															
	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 and taking of the social and ethical responsibilities													
6.1. Minimum number of participants	4														
6.2. Maximum number of participants	8														
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>X</td> <td></td> </tr> <tr> <td>Third</td> <td>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	To complete the nervous system and related disorders subject committee														
8.1. Planned Product(s) of the course (This plan will be announced in the form of the course description.)	Students are expected to implement a test/task on learning and memory to people 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 30 pts., Quiz (Basics of learning and memory) 30 pts., Individual and team brief reports 40 pts.														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introductory lecture, course overview
2	Discussion : Fundamentals of Learning and memory 1
3	Self-Study: Basic Principles of Learning and memory
4	Discussion : Fundamentals of Learning and memory 2
5	Self-Study: Basic Principles of Learning and memory
6	Discussion : Fundamentals of Learning and memory 3
7	Self-Study: Basic Principles of Learning and memory
8	Discussion and assessment (Basics of learning and memory)
9	Project based team work activity period: choosing a learning and memory test/task and implementing in on people
10	Performing the test/task implementation 1
11	Performing the test/task implementation 2
12	Performing the test/task implementation 3
13	Discussion and assessment of the performing period
14	Discussion and evaluation of the training

1.1. Elective Course Title	Cognitive Biases and Noise in Diagnostic Reasoning														
2.1. Name of course instructor (coordinator)	Dr. İlhan Cem Sungur														
2.2. Names of co-instructors (if present)															
3.1. Brief course description:	<p>List of invited speakers:</p> <ul style="list-style-type: none"> • Ahmet Doğan MD, PhD • Harvey V. Fineberg MD, PhD • Abraham Verghese, MD, MACP <p>Diagnostic reasoning is a complex process. Heuristics and cognitive biases are common confounders during diagnostic reasoning. Increasing awareness and methods to overcome these biases may prevent medical errors in clinical practice.</p>														
4.1. Course Objectives / Learning Outcomes:	Definition and description of common cognitive biases and noise as confounders of diagnostic reasoning. Understanding of strategies to avoid common cognitive biases during diagnostic reasoning.														
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	X												
	2	Collaboration and Productivity / Team work	X												
	3	Understanding and using the basic principles of evidence-based scientific approaches													
	4	Expressing him/herself (oral and written)	X												
	5	Project development implementation and evaluation													
	6	Being aware and taking of the social and ethical responsibilities	X												
6.1. Minimum number of participants	10														
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>X</td> <td></td> </tr> </tbody> </table>			Years /Semesters	Fall	Spring	Fall			Second			Third	X	
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Fall															
Second															
Third	X														
7.1. Prerequisite of the course	This elective will be delivered in Turkish. (Co-instructors will deliver their lectures in English)														
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.)	Each student will be assigned a case who experienced a medical error because of multiple cognitive biases. The students will be asked to define these biases and explain their contribution to the diagnostic error.														
9.1. Assessment and evaluation plan (This plan will be announced in the form of the course description.)	The students will be evaluated by their active participation (%50), detailed discussion of their cases (%30) and brief PowerPoint presentation of their analysis (%20).														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	History and evolution of clinical diagnosis
2	Semantic qualifiers and differential diagnosis
3	Introduction to diagnostic errors
4	System based diagnostic errors and their solutions
5	Cognitive biases and noise during diagnostic reasoning
6	Strategies to prevent biases and noise during diagnostic reasoning
7	Most common cognitive biases that may lead to diagnostic errors
8	Most common cognitive biases that may lead to diagnostic errors
9	Discussion of case number 1
10	Discussion of case number 2
11	Discussion of case number 3
12	Discussion of case number 4
13	Discussion of case number 5
14	Brief ppt presentation of each case by students

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 																														
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No	EME Course Basic Objectives	✓	Explanation																												
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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																														
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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

For registration, we will use **ACU SoM EMED Registration Form (2022-2023 Fall)**.
Below you can see the first page of this form.

Electives in Medicine Program Registration Form

Welcome to the Acibadem Mehmet ali Aydınlar University School of Medicine Electives in Medicine Program (EMED)

Via this form, we would like you to list your choices of 5 courses in the order of priority. You can access and fill this form until Sunday October 10, 2021 (11:59 PM). If you do not fill out this form until then, you will be automatically registered to a course with empty slots.

If you have an approval for a social research project, please fill out the relevant sections of the form



 Draft Restored

* Required

E mail*

Your email

Name and Surname*

Your answer

Student Number*

Your answer

ELECTIVES in MEDICINE (Spring 2022 – 2023)

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

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 BAYRAM
Ph.D. Assist. Prof.
Department of Medical Engineering

Deniz Yücel,
Ph. D. Assist. Prof.
Department of Histology and
Embryology

Beste Kınkoğlu Erol
Ph. D. Assoc. Prof.
Department of Medical Biology

Yeşim Işıl Ülman
Ph.D. Prof.
Department of the History of
Medicine and Ethics

Uğur Özbek
M.D. Prof.
Department of Medical Genetics

Fatih ARTVİNLİ
Ph.D. Assoc. Prof.
Department of History of Medicine and
Ethics

Cem SUNGUR
M.D. Prof.
Department of Internal Medicine

O. Uğur SEZERMAN
Ph.D. Prof.
Department of Biostatistics and
Medical Informatics

Muhittin A. SERDAR
M.D. Prof.
Department of Medical Biochemistry

Sinem Öktem OKULLU
Ph.D. Assist. Prof. Department of
Medical Microbiology

Mehmet ERGEN
Ph.D. Assist. Prof.
Department of Physiology

Ali Rıza Cenk ÇELEBİ
M.D. Assoc. Prof.
Department of Ophthalmology

Yeşim YASİN
M.D. Assoc. Prof.
Department of Public Health

Courses and Projects (2022 – 2023)

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 020 Myths about Medicinal Plants**
Melike Şahiner, M. D. Assoc. Prof. Department of Medical Education
- EMED 031 History of Epidemics and Pandemics: Their Impacts on Society and Medicine**
Fatih Artvinli, Ph.D. 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 040 So Common No Matter How Rare**
Uğur Özbek, M.D. Prof., Department of Medical Genetics
- EMED 302 Personalized Medicine**
Uğur Sezerman, Ph.D. Prof., Department of Biostatistics and Medical Informatics
- EMED 306 Diagnostic Reasoning**
I Cem Sungur, M.D. Prof., Department of Internal Medicine

Spring Semester Elective Medical & Social Research Projects

- EMED 282/382 Social Research Projects**
Fatih Artvinli, Ph.D. Assoc. Prof. Department of History of Medicine and Ethics
- EMED 292/392 Medical Research Projects**
Tanıl Kocagöz, M.D. Prof. Department of Medical Microbiology

1.1. Elective Course Title	Regenerative Medicine																														
2.1. Name of course instructor (coordinator)	Deniz Yücel, <i>Asst. Prof. Histology and Embryology</i> Beste Kınıkoğlu Erol, <i>Assoc. Prof. Medical Biology</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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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.																												
6.1. Minimum number of participants	Eight (8)																														
6.2. Maximum number of participants	Twenty (20)																														
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	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	Myths about Medicinal Plants														
2.1. Name of course instructor (coordinator)	Melike Şahiner, M.D. Assoc. Prof. Department of Medical Education														
2.2. Names of co-instructors (if present)	Levent Altıntaş, M.D. Ph.D. Assoc. Prof. Department of Medical Education														
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	History of Epidemics and Pandemics: Their Impacts on Society and Medicine														
2.1. Name of course instructor (coordinator)	Fatih Artvinli <i>Ph.D.</i> <i>Assoc. Prof. History of Medicine and Ethics</i>														
2.2. Names of co-instructors															
3.1. Brief course description	The aim of the course is to introduce the history of epidemics and pandemics within the context of social and medical developments. The course will be performed as mostly lectures depended on readings and discussions.														
4.1. Course Objectives / Learning Outcomes	<ul style="list-style-type: none"> • Gain knowledge and awareness of historical perception about epidemics and its transformative effects on societies and medicine. • To learn and discuss the fundamental issues of epidemics in history. • Acquire an understanding of the processes of historical research • Develop critical thinking skills • Expand historical body of knowledge • Learn to apply this skill to the world around us 														
5.1. Supported EME Course Basic Objective(s)															
	No	EME Course Basic Objectives	✓	Explanation											
	1	Self-directed learning	✓	Students are expected to read the articles before the class.											
	2	Collaboration and Productivity / Team work	✓												
	3	Understanding and using the basic principles of evidence-based scientific approaches	✓	Students are expected to use historical analyzing approaching to epidemics.											
	4	Expressing him/herself (oral and written)	✓	Students are expected to present their ideas, participate to discussion and write personal paper at the end of the term.											
	5	Project development implementation and evaluation	✓	Students are expected to write a paper with their understanding of epidemics, society and medicine within its historical context.											
	6	Being aware and taking of the social and ethical responsibilities	✓	Students are expected to gain an awareness about ethical issues emerged in epidemics, such as inequality, discrimination, right to health, vulnerability etc.											
6.1. Minimum number of participants	10														
6.2. Maximum number of participants	25														
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	Students are expected to write a term paper.														
9.1. Assessment and evaluation plan	Overall active attendance 10 pts., Individual paper 90 pts.														

10.1. THE WEEKLY PLAN

Weeks	Activities
1	Introduction: What is history and historiography
2	Social history of epidemics: sources and theories
3	Thinking about disease, epidemic and pandemic
4	The ancient or the earliest epidemics: Plague of Athens and Justinian Plague
5	Medieval world: theories of disease, medicine and contagion
6	The Black Death-I: A Plague of plagues
7	The Black Death-II: Natural human disaster and effects on societies
8	Miasma theory, anticontagionism and quarantines
9	New world: Smallpox and colonization
10	Malaria, tropical diseases and the world
11	Cholera, empires and new medicine
12	War and influenza: 1918-1919 Influenza pandemic
13	New pandemicS: HIV-AIDS, Ebola, Zika etc.
14	COVID-19: Historical Understanding of a pandemic

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)	A R 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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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)	<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 will be able to benefit leisure to watch movies autonomously picked from a particular list of movies.</td> </tr> <tr> <td>2</td> <td>Collaboration and Productivity / Team work</td> <td>✓</td> <td>Students will work as couples at every phase of the course, watching, discussing, deliberating, reasoning and preparing a class presentation.</td> </tr> <tr> <td>3</td> <td>Understanding and using the basic principles of evidence-based scientific approaches</td> <td>✓</td> <td>Students will be provided with a methodology of ethical analysis to carry out handling with the film narrative.</td> </tr> <tr> <td>4</td> <td>Expressing him/herself (oral and written)</td> <td>✓</td> <td>Students will have the opportunity to present & discuss their work in the Class, and write a report about it.</td> </tr> <tr> <td>5</td> <td>Project development implementation and evaluation</td> <td>✓</td> <td>Students will be able to and enjoy how daily life conflicts harbor ethical dilemmas be means of a movie screenplay.</td> </tr> <tr> <td>6</td> <td>Being aware and taking of the social and ethical responsibilities</td> <td>✓</td> <td>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.</td> </tr> </tbody> </table>			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.
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6.1. Minimum number of participants	Eight (8)																														
6.2. Maximum number of participants	Ten (16)																														

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	So Common No Matter How Rare																														
2.1. Name of course instructor (coordinator)	Uğur Özbek, <i>Medical Genetics</i>																														
2.2. Names of co-instructors (if present)	Özden Hatırnaz Ng, <i>Medical Biology</i> Özkan Özdemir, <i>Institute of Health Sciences, Genome Studies</i>																														
3.1. Brief course description	Diseases with a prevalence of less than 1/2000 are called rare diseases. Due to this rareness, they are not well known, and they are often left out in the medical education. In this course the students will hear about rare diseases, their importance and obstacles both on patient and physician level.																														
4.1.Course Objectives / Learning Outcomes	<p>After this lecture the students;</p> <ol style="list-style-type: none"> Will be able to define and recognize rare or undiagnosed diseases Will learn how the genomic DNA affects the health Will learn diagnosis work flow of the rare and undiagnosed diseases Will learn the studies performed on rare diseases from bench to bed side Will learn the burdens of undiagnosed and the benefit of having a diagnosis Will learn what it is to live with a rare disease on the patient and their family Will learn about the orphan drugs, their development and availability Will learn how and from where to provide accurate information for patients and their families Will learn the effects of the rare diseases from a health-economy perspective Will learn how to support and be supported by patient advocacy groups Will learn the national and international search opportunities on rare and undiagnosed diseases 																														
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6	Being aware of and taking their social and ethical responsibilities	√	Awareness about rare diseases																												
6.1. Minimum number of participants	Five (5)																														
6.2. Maximum number of participants	Twentyfive (25)																														

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 the students will be asked to prepare an event on Rare Disease day and the best will be selected as the next years ACURARE Rare Disease Day event		
9.1. Assessment and evaluation plan	Homework (40%), Final project (60%)		

10.1. THE WEEKLY PLAN	
Weeks	Activities
1	Genes and Health
2	Decoding the language of life
3	Diagnosing the undiagnosed
4	Fundamentals of genomic data interpretation
5	Rare disease research on genomic level
6	Mid-term week
7	Translational research on rare diseases
8	Care for Rare (NGOs)
9	Real life experience (Patient/family)
10	A place for rare diseases in health economy (SEPD)
11	Orphan drugs and treatment
12	Patient advocacy and how to get into action
13	International consortiums on rare diseases
14	Final week

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) (Please, mark the supported EME Course basic objective(s) and explain briefly.)															
	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.											
6.1. Minimum number of participants	10														
6.2. Maximum number of participants	40														
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First															
Second		✓													
Third		✓													

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

1.1. Elective Course Title	Diagnostic Reasoning																														
2.1. Name of course instructor (coordinator)	I Cem Sungur <i>M.D. Professor of Internal Medicine, Nephrologist</i>																														
2.2. Names of co-instructors (if present)																															
3.1. Brief course description	<p>The diagnostic reasoning process, which requires biomedical knowledge, knowledge about problem-solving strategies, and knowledge about reasons for diagnostic procedures, is a key element of physicians' daily practice but difficult to assess. Diagnostic reasoning is a core element of medical practice.</p> <p>The goal of the curriculum is to formally introduce medical students at Acıbadem Mehmet Ali Aydınlar University Medical School to current concepts in diagnostic reasoning, diagnostic error, noise and to provide an opportunity to practice diagnostic-problem solving in a safe, learner-centered environment.</p> <p>List of guest speakers: TBA</p>																														
4.1.Course Objectives / Learning Outcomes	<p><i>By the end of this course, students will be able to:</i></p> <ol style="list-style-type: none"> 1) Define essential concepts in diagnostic reasoning 2) Describe causes of diagnostic error and noise in clinical decision making 3) Identify categories of cognitive biases and methods of debiasing 4) Discuss the diagnostic uncertainty in clinical decision making 5) The core concepts of artificial intelligence and application of AI in clinical decision making 6) Case-based learning by performing cognitive autopsy in predefined cases 																														
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Second																															
Third		X																													

7.1. Prerequisite of the course	The course will be introduced in Turkish, some of the lectures by guest speakers may be delivered in English.
8.1. Planned Product(s) of the course	Each participant will be provided a case-study for diagnostic reasoning and will be asked to present a diagnostic approach and list potential diagnostic errors for this case. This presentation will be supplemented with a brief written discussion about solutions on preventing potential diagnostic errors for this particular case.
9.1. Assessment and evaluation plan	Overall active participation 60 points Successful problem-solving presentation (cognitive autopsy) 40 points

10.1. THE WEEKLY PLAN	
Weeks	Activities
1	Diagnostic error: prevalence and consequences
2	The cognitive psychology of diagnostic reasoning
3	Diagnostic medical decision making: How Doctors Think?
4	Heuristics: A powerful tool for efficient decision making and its pitfalls
5	Cognitive biases and noise in clinical decision making
6	The most common cognitive biases
7	Interventions to reduce diagnostic error
8	A universal model of clinical reasoning and clinical problem solving
9	System related diagnostic errors
10	The new diagnostic team
11	Cognitive autopsy of cases -1. Systems engineering approach to avoid errors
12	Cognitive autopsy of cases - 2. AI in clinical reasoning -1
13	Cognitive autopsy of cases - 3. AI in clinical reasoning -2
14	Cognitive autopsy of cases -4. Wrap-up and future predictions on diagnostic reasoning

GENERAL COURSE INFORMATION		Supported EME Course Basic Objective (s)									
EMED CODE	Course Title	Instructor, Title, Affiliation	Min.	Max.	Prerequisite of the course	Self-directed learning	Collaboration & productivity / Team work	Understanding and using basic principles of the evidence based scientific approaches	Expressing him/herself (oral & written)	Project development, implementation and evaluation	Being aware and taking of the social and ethical responsibilities
EMED 008	Public Speaking	Levent Altıntaş, Assoc. Prof., Dept. of Medical Education	6	15	none	•	•		•	•	•
EMED 012	Biomedical Technologies -I-	Sinem Öktem Okullu, Asst. Prof., Dept. of Medical Microbiology	6	15	none	•	•	•		•	
EMED 014	Peace Culture	Ayça Kurtuluş, Prof., Dept. of Sociology	5	17	none	•	•		•	•	•
EMED 017	Regenerative Medicine	Deniz Yücel, Asst. Prof., Dept. of Histology and Embryology & Beste Kınıkoğlu Erol, Assoc. Prof., Dept. of Medical Biology	8	20	none	•	•	•	•	•	•
EMED 020	Myths about Medicinal Plants	Melike Şahiner, Assoc. Prof., Dept. of Medical Education	4	15	none	•	•		•	•	
EMED 028	Biosensors	Ceyhan Kırmılı, Asst. Prof., Dept. of Medical Engineering	8	16	none	•	•		•	•	•
EMED 030	Ophthalmic Biotechnology	Ali Rıza Cenk Çelebi, Assoc. Prof., Dept. of Ophthalmology	6	15	none	•	•	•	•	•	•
EMED 031	History of Epidemics and Pandemics: Their Impacts on Society and Medicine	Fatih Artvinli, Assoc. Prof., Dept. of History of Medicine & Ethics	10	25	none	•	•	•	•		
EMED 032	Medical Technologies	Ata Akın, Prof., Dept. of Medical Engineering	8	20	none	•	•		•	•	•
EMED 038	Bioethics and Movies	Yeşim Ülman, Prof., History of Medicine & Ethics	8	10	2nd & 3rd Year	•	•	•	•	•	•
EMED 302	Personalized Medicine	O. Uğur Sezerman, Prof., Dept. of Biostatistics and Medical Informatics	10	30	2nd & 3rd Year	•	•	•	•	•	•
EMED 303	Telemedicine in Clinical Practice	İlker Küçükparlak, MD, Psychiatrist	6	15	3rd Year	•	•		•		
EMED 306	Clinical Decision Making	Cem Sungur, Instructor, Dept. of Internal Medicine	16	20	3rd Year	•	•	•	•	•	•
EMED 282	Social Research Projects	Fatih Artvinli, Assoc. Prof., Dept. of History of Medicine & Ethics	TBA		2nd Year	•	•	•	•	•	•
EMED 382	Social Research Projects	Fatih Artvinli, Assoc. Prof., Dept. of History of Medicine & Ethics	TBA		3rd Year	•	•	•	•	•	•

CLERKSHIP PROGRAM



Y E A R

I V

YEAR 4 CLERKSHIPS (2022-2023)

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	9	125				135	135	284	17	16	
MED 406	Surgery	General Surgery Anesthesiology Thoracic Surgery Plastic surgery	6	96	10	106		4		126	130	170	11	15	
MED 4001	Elective for Surgical Sciences	Anesthesiology Thoracic Surgery Plastic Surgery	2						80	80	80	3	10		
MED 403	Pediatrics and Pediatric Surgery	Pediatrics Pediatric Surgery	10	114	19	133			48	153	201	353	17	6	
MED 404	Obstetrics and Gynecology	Obstetrics and Gynecology	6	51	35	86			36	153	189	469	10	10	
MED 405	Cardiovascular Medicine	Cardiology Cardiovascular Surgery	4	52	3	55				81	81	261	7	3	
TOTAL			38	429	76	505	0	88	728	816	1251	286	65	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 2022 - 2023 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
A	Internal Medicine 05.09.2022 - 11.11.2022							Pediatrics 14.11.2022 - 20.01.2023							MIDYEAR RECESS 23.01.2023 - 03.02.2023			Cardiovascular Medicine 06.02.2023 - 03.03.2023			Obst & Gyn 06.03.2023 - 14.04.2023			Surgery 17.04.2023 - 26.05.2023			ESS* 29.05.2023 - 09.06.2023													
B	Pediatrics 05.09.2022 - 11.11.2022							Internal Medicine 14.11.2022 - 20.01.2023							MIDYEAR RECESS 23.1.2023 - 03.02.2023			Surgery 06.02.2023 - 17.03.2023			ESS* 20.03.2023 - 31.3.2023			Cardiovascular Medicine 03.04.2023 - 28.04.2023			Obst & Gyn 01.05.2023 - 09.06.2023													
C	Obst & Gyn 05.09.2022 - 14.10.2022			Cardiovascular Medicine 17.10.2022 - 11.11.2022				Surgery 14.11.2022 - 23.12.2022			ESS* 26.12.2022 - 06.01.2023			MIDYEAR RECESS 09.01.2023 - 20.01.2023			Internal Medicine 23.01.2023 - 31.03.2023			Internal Medicine 03.04.2023 - 09.06.2023																				
D	Surgery 05.09.2022 - 14.10.2022			ESS* 17.10.2022 - 28.10.2022				Obst & Gyn 31.10.2022 - 09.12.2022			Cardiovascular Medicine 12.12.2022 - 06.01.2023			MIDYEAR RECESS 09.01.2023 - 20.01.2023			Pediatrics 23.01.2023 - 31.03.2023			Pediatrics 03.04.2023 - 09.06.2023			Internal Medicine 03.04.2023 - 09.06.2023																	

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	113	Credit 17
Practical Hours	274	
Study Hours	24	
TOTAL (Student Workload)	411	
		ECTS 16

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Pelin UYSAL

M.D., Assoc. Prof. Pulmonary Diseases

*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 pathophysiological 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
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year IV / 10 weeks

Theoretical Hours	119	Credit 17	ECTS 15
Practical Hours	162		
Study Hours	66		
TOTAL (Student Workload)	347		

Clerkship Chair

Burak TANDER <i>M.D., Prof. Pediatric Surgery</i> burak.tander@acibadem.edu.tr	Serdar BEKEN <i>M.D., Prof. Pediatrics</i> serdar.beken@acibadem.edu.tr	Saygın ABALI <i>M.D., Assoc. Prof. Pediatrics</i> saygin.abali@acibadem.edu.tr	Selma AKTAŞ <i>M.D., Assist. Prof. Pediatrics</i> selma.aktas@acibadem.edu.tr	Özlem AKGÜN DOĞAN <i>M.D., Prof. Assoc. Pediatrics.</i> ozlem.dogan@acibadem.edu.tr
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Metehan ÖZEN M.D., Prof. Pediatrics	Atalay DEMİREL M.D., Assoc. Prof. Pediatrics	FATMA DEMİR YENİGÜRBÜZ M.D., Assist. Prof. Pediatrics
Latif ABBASOĞLU M.D., Prof. Pediatric Surgery	Burcu BULUM AKBULUT M.D., Assoc. Prof. Pediatrics	Burçin BEKEN M.D., Assist. Prof. Pediatrics
Burak TANDER M.D., Prof. Pediatric Surgery	Özlem ATAN ŞAHİN M.D., Assoc. Prof. Pediatrics	Özlem AKGÜN DOĞAN M.D., Assist. Prof. Pediatrics
Muazzez ÇEVİK M.D., Prof. Pediatric Surgery	Betül MAZLUM M.D., Assoc. Prof. Pediatric & Adolescent Psychiatry	Melike ERSOY OLBAK* M.D., Instructor Pediatrics
Yeşim Işıl ÜLMAN PhD, Prof. History of Medicine and Ethics	Sare Güntülü ŞİK M.D., Assoc. Prof. Pediatrics	Ayla OKTAY* M.D., Instructor Pediatrics
Özlem BARUTÇU M.D., Prof. Radiology	Selma AKTAŞ M.D., Assoc. Prof. Pediatrics	

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 child 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 'pediatric patients' rights and privacy.

Clerkship Outcomes

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

Learn pediatric history taking and make systematic physical examination.

1. Evaluate the growth, nutritional status and pubertal stage of a child.
2. Learn the follow-up of a healthy child.
3. Learn the basic principles of preventive pediatrics such as healthy nutrition and vaccination.
4. Learn normal neuromotor development of infants and children.
5. Diagnose and treat basic pediatric emergencies
6. Perform neonatal physical examination and neonatal resuscitation at birth in the delivery room, diagnose and treat important neonatal emergencies, define the early and late complications of prematurity.
7. Learn the clinical picture and treatment of important childhood infections
8. Define major neurologic, respiratory, cardiologic, gastrointestinal, urinary, hematological, immunologic, allergic, infectious, endocrinologic, metabolic and genetic diseases in children and learn basic therapeutic approaches
9. Perform pediatric resuscitation
10. Perform basic vaccination skills
11. Make and evaluate peripheral blood smear and differential diagnosis

Assessment Methods	<ul style="list-style-type: none"> • Written Final Exam (multiple choice and open-ended questions) • Structured Oral Exam • Problem-Based Learning Assessment • History Taking and Physical Examination Assessment • CASE Performance Assessment <p>Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course</p>
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Clerkship Name	Obstetrics and Gynecology	MED 404
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year IV / 6 weeks	
Theoretical Hours	60	Credit 10
Practical Hours	130	
Practical Hours	9	
Study Hours	30	
TOTAL (Student Workload)	229	
		ECTS 10

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Esra ÖZBAŞLI

M.D., Instructor Obstetrics and Gynecology

Selin ÖZALTIN

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*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>
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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	57	Credit 7	ECTS 6
Practical Hours	182		
Study Hours	9		
TOTAL (Student Workload)	248		

Clerkship Chair

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***M. Ertuğrul MERCAN**

M.D., Instructor Cardiology

*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)

Clerkship Name	Surgery	MED 406	
Clerkship Type	Compulsory		
Medium of Instruction	English		
Year / Duration	Year IV / 6 weeks		
Theoretical Hours	96	Credit 11	ECTS 10
Practical Hours	98		
Study Hours	20		
TOTAL (Student Workload)	214		

Clerkship Chair

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Gökhan ERGENE

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Koray GÜVEN

M.D., Prof. Radiology

Erkin ARIBAL

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 Resuscitation

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
Written Exam (MCQ)
Mini Clinical Evaluation Exam (Mini-Cex)
Case Based Learning (CBL)
Pre-Test (CASE)

YEAR

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YEAR 5 CLERKSHIPS (2022-2023)

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	22	117	7	6	
MED 502	Neurosurgery	Neurosurgery	3	51		51				12	12	30	93	5	5	
MED 503	Psychiatry	Psychiatry	3	31	2	33				45	45	33	111	5	5	
MED 504	"Otolaryngology, Head and Neck Surgery"	Otolaryngology - Head and Neck Surgery	3	29	1	30				72	72	0	102	5	5	
MED 505	Ophthalmology	Ophthalmology	2	17	1	18				68	68	10	96	4	3	
MED 506	Dermatology	Dermatology	3	37	5	42				63	63	13	118	5	5	
MED 508	Orthopedics & PTR	"Orthopedics Physical Therapy and Rehabilitation"	5	18	6	24			108		108	0	132	8	8	
MED 509	Forensic Medicine	Forensic Medicine	2	43	5	48				18	18	10	76	4	3	
MED 511	Urology	Urology	3	23		23				81	81	0	104	5	5	
MED 5000	Elective Clerkship-1	All Departments	4							160	160		160	6	6	
MED 5001	Elective Clerkship-2	All Departments	6							240	240		240	9	9	
TOTAL			38	272	29	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.

ELECTIVE CLERKSHIPS (2022-2023)

Code	Clerkship	Coordinator	National Credits	ACTS	Dates				
					05.09.2022 - 30.09.2022	07.11.2022 - 02.12.2022	05.12.2022 - 13.01.2023	13.03.2023 - 07.04.2023	15.05.2023 - 23.06.2023
MED 566	Anesthesiology	Fevzi Toraman	6	7	3	3	3	3	3
MED 562	Cardiology	Sinan Dağdelen (Altunizade)	6	7	0	0	0	0	1
MED 562	Cardiology	Burak Pamukçu (Kozyatağı)	6	7	0	0	0	2	2
MED 562	Cardiology	Selçuk Görmez (Kadıköy)	6	7	0	0	0	1	1
MED 562	Cardiology	Mustafa Ertuğrul Mercan (Atakent)	6	7	1	1	1	1	1
MED 567	Dermatology	Sedef Şahin (Maslak)	6	7	0	1	0	0	0
MED 567	Dermatology	Gamze Erfan (Altunizade)	6	7	0	0	0	0	1
MED 567	Dermatology	Dilek Bıyık Özkaya (Atakent)	6	7	0	0	0	0	1
MED 567	Dermatology	Özgür Timurkaynak (Altunizade)	6	7	0	0	1	0	0
MED 567	Dermatology	Assit.Deniz Demircioğlu (Maslak)	6	7	1	0	0	0	0
MED 567	Dermatology	Andaç Salman (Altunizade)	6	7	0	0	0	1	0
MED 582	Research Ethics	Yeşim Işıl Ülman	6	7	2	2	8	0	0
MED 577	Cardiovascular Surgery-Congenital	Ersin Ereğ (Atakent)	6	7	1	1	1	1	1
MED 571	Cardiovascular Surgery	Şahin Şenay (Maslak)	6	7	1	1	1	1	1
MED 571	Cardiovascular Surgery	A.Ümit Güllü (Maslak)	6	7	1	1	1	1	1
MED 571	Cardiovascular Surgery	Ahmet Arnaz (Bakırköy)	6	7	1	1	1	1	1
MED 571	Cardiovascular Surgery	Murat Ökten (Altunizade)	6	7	0	1	1	1	1
MED 571	Cardiovascular Surgery	Selim Aydın (Atakent)	6	7	1	1	1	1	1
MED 571	Cardiovascular Surgery	Bahar Temur (Atakent)	6	7	1	1	1	1	1
MED 573	Medical Biochemistry	Aysel Özpinar , Mustafa Serteser	6	7	2	2	2	2	2
MED 560	Emergency Medicine	Serpil Yaylacı (Maslak)	6	7	1	1	1	1	1
MED 560	Emergency Medicine	Kamil Kayayurt (Maslak)	6	7	1	1	1	1	1
MED 560	Emergency Medicine	Cem Gün (Atakent)	6	7	1	1	1	1	1
MED 560	Emergency Medicine	Hasan Aldinç (Atakent)	6	7	1	1	1	1	1
MED 560	Emergency Medicine	Veysel Balcı (Altunizade)	6	7	1	1	1	1	1
MED 563	Family Medicine	Pınar Topsever	6	7	0	2	0	2	0
MED 554	General Surgery	Cihan Uras (Maslak)	6	7	1	1	1	1	1
MED 554	General Surgery	Bilgi Baca (Altunizade)	6	7	1	2	1	2	1
MED 554	General Surgery	Volkan Özben (Atakent)	6	7	2	2	2	2	2
MED 554	General Surgery	Tayfun Karahasanoğlu (Maslak)	6	7	1	1	1	1	1
MED 554	General Surgery	Güralp Onur Ceyhan(Altunizade)	6	7	1	1	1	1	1
MED 554	General Surgery	Güralp Onur Ceyhan(Maslak)	6	7	1	1	1	1	1
MED 554	General Surgery	Erman Aytaç(Atakent)	6	7	2	2	2	2	2
MED 554	General Surgery	İsmail Ahmet Bilgin (Maslak)	6	7	1	1	1	1	1
MED 554	General Surgery	İsmail Hamzaoğlu (Maslak)	6	7	1	1	1	1	1
MED 554	General Surgery	Halil Kara (Maslak)	6	7	1	1	1	1	1
MED 554	General Surgery	Utku Yılmaz (Atakent)	6	7	2	2	2	2	2
MED 554	General Surgery	Onur Dülgeroğlu (Atakent)	6	7	1	1	1	1	1
MED 554	General Surgery	İbrahim Berber (International)	6	7	1	1	1	1	1
MED 554	General Surgery	Akif Enes Arıkan (Maslak)	6	7	1	1	1	1	1
MED 554	General Surgery	Emir Çapkinoğlu (Bakırköy)	6	7	0	1	1	1	1
MED 551	Internal Diseases-Infectious Diseases	İftihar Köksal (Atakent)	6	7	2	2	2	2	2
MED 551	Internal Diseases-Gastroenterology	Gürhan Sisman (Altunizade)	6	7	1	0	0	1	0
MED 551	Internal Diseases-Nephrology	Ülkem Çakır	6	7	0	0	1	0	2
MED 551	Internal Diseases - Gastroenterology	Şafak Kızıldaş	6	7	1	1	1	1	1
MED 551	Internal Diseases-Hematology	Mustafa Çetiner	6	7	1	1	1	1	1
MED 551	Internal Diseases-Oncology	İbrahim Yıldız	6	7	0	2	0	0	0

ELECTIVE CLERKSHIPS (2022-2023)

Code	Clerkship	Coordinator	National Credits	ACTS	Dates				
					05.09.2022 - 30.09.2022	07.11.2022 - 02.12.2022	05.12.2022 - 13.01.2023	13.03.2023 - 07.04.2023	15.05.2023 - 23.06.2023
MED 551	Internal Diseases-Gastroenterology	Mehmet Karaaslan	6	7	0	0	0	1	1
MED 551	Internal Diseases-Oncology	Gül Başaran	6	7	0	2	0	1	2
MED 551	Internal Diseases-Oncology	Leyla Özer	6	7	0	0	0	0	1
MED 551	Internal Diseases-Gastroenterology	Suna Yapalı	6	7	0	0	0	1	0
MED 551	Internal Diseases-Gastroenterology	Can Gönen	6	7	0	0	0	1	0
MED 551	Internal Diseases-Gastroenterology	Fatih Oğuz Önder(Atakent)	6	7	0	0	0	1	0
MED 551	Internal Diseases-Gastroenterology	Özdal Ersoy	6	7	0	1	1	1	1
MED 551	Internal Diseases--Geriatrics	Berrin Karadağ	6	7	0	0	0	0	1
MED 551	Internal Diseases-Endocrinology	Rüştü Serter (Fulya)	6	7	1	1	1	1	0
MED 551	Internal Diseases-Gastroenterology	Nurdan Tözün	6	7	0	0	0	0	1
MED 553	Internal Diseases-Oncology	Özlem Sönmez	6	7	0	0	1	0	0
MED 594	Neurology	Mustafa Seçkin (Fulya)	6	7	0	2	0	2	0
MED 594	Neurology	Murat Aksu	6	7	0	1	1	1	0
MED 572	Nuclear Medicine	Erkan Vardareli	6	7	0	1	1	1	0
MED 574	Laboratory Animals in Research	Güldal Süyen	6	7	1	1	1	1	1
MED 595	Ophthalmology	Banu Coşar	6	7	0	0	0	1	0
MED 578	Orthopedics and Traumatology	Barış Kocaoğlu (Altunizade)	6	7	0	2	2	2	2
MED 578	Orthopedics and Traumatology	Kerim Sarıyılmaz (Atakent)	6	7	1	1	1	1	1
MED 557	Pediatric Hematology-Oncology	Cengiz Canpolat	6	7			2	2	2
MED 583	Pediatric Health and Diseases	Agop Çıtak	6	7	2	2	2	2	2
MED 557	Pediatric Hematology-Oncology	Ayşe Burcu Akıncı	6	7	0	1	0	0	0
MED 583	Pediatric Health and Diseases	Burcu Bulum Akbulut	6	7	0	0	0	1	0
MED 583	Pediatric Health and Diseases	Saygın Abalı	6	7	1	1	1	1	1
MED 555	Plastic Reconstructive & Aesthetic Surgery	Berkhan Yılmaz (Kadıköy)	6	7	0	0	1	0	1
MED 581	Radiation oncology	Enis Özyar (Maslak)	6	7	1	1	1	1	2
MED 581	Radiation oncology	Banu Atalar (Maslak)	6	7	1	1	1	1	2
MED 581	Radiation oncology	Fulya Ağaoğlu (Atakent)	6	7	1	1	1	1	2
MED 581	Radiation oncology	Ufuk Abacioğlu (Altunizade)	6	7	1	1	1	1	2
MED 587	Mental Health and Diseases	Burcu Yavuz (Maslak)	6	7	0	0	1	0	2
MED 587	Mental Health and Diseases	Ender Cesur (Maslak)	6	7	2	2	2	2	2
MED 587	Mental Health and Diseases	Barış Sancak (Atakent)	6	7	2	1	1	1	1
MED 587	Mental Health and Diseases	Ürün Özer Ağırbaş (Atakent)	6	7	1	0	0	1	1
MED 579	Obstetrics and Gynecology	Belgin Selam (Altunizade)	6	7	0	0	1	0	0
MED 579	Obstetrics and Gynecology	Cem Batukan (Maslak)	6	7	0	0	1	1	1
MED 579	Obstetrics and Gynecology	Turgut Aydın (Atakent)	6	7	1	1	1	1	1
MED 579	Obstetrics and Gynecology	Emine Karabük (Atakent)	6	7	1	1	1	1	1
MED 579	Obstetrics and Gynecology	Esra Özbaşı (Maslak)	6	7	0	0	0	0	1
MED 579	Obstetrics and Gynecology	Selin Özeltin (Maslak)	6	7	1	0	0	0	1
MED 586	Radiology	Gül Esen	6	7	0	1	1	1	1
MED 515	Pediatric SurgerySurgery	Muazzez Çevik	6	7	0	2	2	2	0
MED 522	Biostatistics and Medical Informatics	Uğur Sezerman	6	7	0	0	4	4	4
MED 575	Molecular Research Methods	Tanıl Kocagöz	6	7	1				1
MED 575	Molecular Research Methods	Özgür Kurt (Parasitology)	6	7	1	1			
MED 592	Otolaryngology - Head and Neck Surgery	Alper Özdilek	6	7	2	2	2	2	3

Clerkship Name	Neurology	MED 501
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 4 weeks	

Theoretical Hours	44	Credit 7	ECTS 6
Practical Hours	50		
Study Hours	22		
TOTAL (Student Workload)	116		

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*Visiting Professor

Educational Methods	Lectures Interactive learning session Student lecture Practice in electrophysiology laboratory Practice in Emergency Room Practice in Intensive Care Unit
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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; ≥ 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	60	Credit 5	ECTS 5
Practical Hours	57		
Study Hours	30		
TOTAL (Student Workload)	147		

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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	46	Credit 5	ECTS 5
Practical Hours	45		
Study Hours	30		
TOTAL (Student Workload)	121		

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*Visiting Professor

Educational Methods	<p>Theoretical lectures</p> <p>Clinical Skills Training at Bakirkoy Mazhar Osman Training and Research Hospital for Psychiatry, Neurology and Neurosurgery (BRSHH)</p> <p>Case presentations and discussions</p> <p>Literature presentations and discussions</p>
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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	BRSHH	BRSHH	BRSHH	BRSHH	BRSHH
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	29	Credit 5	ECTS 5
Practical Hours	97		
Study Hours	0		
TOTAL (Student Workload)	126		

Clerkship Chair

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*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 (60 %) Oral examination (40 %)
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Clerkship Name	Ophthalmology	MED 505
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 2 weeks	

Theoretical Hours	19	Credit 4	ECTS 3
Practical Hours	57		
Study Hours	10		
TOTAL (Student Workload)	86		

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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 (20%) Written examination (50%) Structured oral examinations (30%)
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Clerkship Name	Dermatology	MED 506
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 3 weeks	

Theoretical Hours	59	Credit 5	ECTS 5
Practical Hours	56		
Study Hours	13		
TOTAL (Student Workload)	128		

Clerkship Chair

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*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; $\geq 20\%$ absence requires repeating the course, General course assessment (Absence/attendance and active cooperation during course. Contributes to 20 % of final points.) Clinical assessment (Descriptions and discussion of relevant cases. Contributes to 20 % of final points.) Structured oral exam (contributes to 60 % 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	21	Credit 8	ECTS 8
Practical Hours	167		
Study Hours	0		
TOTAL (Student Workload)	188		

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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
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 2 weeks

Theoretical Hours	56	Credit 4	ECTS 3
Practical Hours	18		
Study Hours	10		
TOTAL (Student Workload)	84		

Clerkship Chair

IŞIL PAKIŞ
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Faculty

Oğuz POLAT
M.D., Prof. Forensic Medicine

IŞIL 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	22	Credit 5	ECTS 5
Practical Hours	101		
Study Hours	0		
TOTAL (Student Workload)	123		

Clerkship Chair

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***İlter TÜFEK**
M.D., Prof. Urology
***Cem AKBAL**
M.D., Prof. Urology

Hakan ÖZVERİ
M.D., Assoc. Prof. Urology
Burak ÖZKAN
M.D., Assoc. Prof. Urology
Ö. Burak ARGUN
M.D., Assoc. Prof. Urology

Bora ÖZVEREN
M.D., Assoc. Prof. Urology
Selçuk KESKİN
M.D., Assist. 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, General course assessment (Absence/attendance and active cooperation during course. Contributes to 30 % of final points.) Structured written exam (contributes to 70 % of final points)
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Y E A R

V I T

YEAR 6 INTERNSHIP PROGRAMS (2022-2023)

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	360	8	10	
MED 607	Emergency Medicine	Emergency Medicine	8						45		195	120	360	8	10	
MED 608	Simulated Clinical Practice		1						45				45	1	1	
MED 6001 MED 6002	Elective Internship Program	All Departments	8								240	240	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.

Study Time: Self Directed Learning, Preparation.

YEAR VI 2022- 2023 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 04.07.2022 - 31.07.2022	Sim. 01.08. 2022 - 07.08. 2022	Pediatrics 08.08.2022 - 02.10.2022										Community Health & PHC 03.10.2022 - 27.11.2022					Emergency Medicine 28.11.2022 - 22.01.2023					Psychiatry 23.01.2023 - 12.02.2023		General Surgery 13.02.2023 - 12.03.2023		Internal Medicine 13.03.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023																		
			Community Health & PHC 01.08.2022 - 25.09.2022					Obstetrics & Gynecology 26.09.2022 - 23.10.2022					Pediatrics 24.10.2022 - 18.12.2022					Internal Medicine 19.12.2022 - 12.02.2023					Emergency Medicine 13.02.2023 - 09.04.2023					General Surgery 10.04.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023																	
B	Psychiatry 06.09.2021 - 26.09.2021	Sim. 25.07. 2022 - 31.7. 2022	Community Health & PHC 01.08.2022 - 25.09.2022										Obstetrics & Gynecology 26.09.2022 - 23.10.2022					Pediatrics 24.10.2022 - 18.12.2022					Internal Medicine 19.12.2022 - 12.02.2023					Emergency Medicine 13.02.2023 - 09.04.2023					General Surgery 10.04.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023												
			Community Health & PHC 01.08.2022 - 25.09.2022					Obstetrics & Gynecology 26.09.2022 - 23.10.2022					Pediatrics 24.10.2022 - 18.12.2022					Internal Medicine 19.12.2022 - 12.02.2023					Emergency Medicine 13.02.2023 - 09.04.2023					General Surgery 10.04.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023																	
C	Sim. 04.07. 2022 - 10.07. 2022	Emergency Medicine 11.07.2022 - 04.09.2022										General Surgery 05.09.2022 - 02.10.2022					Internal Medicine 03.10.2022 - 27.11.2022					Obstetrics & Gynecology 28.11.2022 - 25.12.2022					Psychiatry 26.12.2022 - 15.01.2023		Pediatrics 16.01.2023 - 12.03.2023					Community Health & PHC 13.03.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023											
		Emergency Medicine 11.07.2022 - 04.09.2022					General Surgery 05.09.2022 - 02.10.2022					Internal Medicine 03.10.2022 - 27.11.2022					Obstetrics & Gynecology 28.11.2022 - 25.12.2022					Pediatrics 16.01.2023 - 12.03.2023					Community Health & PHC 13.03.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023																		
D	Internal Medicine 04.07.2022 - 28.08.2022	Obstetrics & Gynecology 29.08.2022 - 25.09.2022										Sim. 26.09. 2022 - 02.10. 2022					Emergency Medicine 03.10.2022 - 27.11.2022					General Surgery 28.11.2022 - 25.12.2022					Community Health & PHC 26.12.2022 - 19.02.2023					Psychiatry 20.02.2023 - 12.03.2023		Pediatrics 13.03.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023											
		Obstetrics & Gynecology 29.08.2022 - 25.09.2022					Sim. 26.09. 2022 - 02.10. 2022					Emergency Medicine 03.10.2022 - 27.11.2022					General Surgery 28.11.2022 - 25.12.2022					Community Health & PHC 26.12.2022 - 19.02.2023					Psychiatry 20.02.2023 - 12.03.2023					Pediatrics 13.03.2023 - 07.05.2023					Elective-1 08.05.2023 - 04.06.2023		Elective-2 05.06.2023 - 02.07.2023													

Sim: Simulated Clinical Practice

Clerkship

Internal Medicine

MED 601

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>Özgür KURT M.D. Prof.</p> <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>Serdar BEKEN M.D., Prof.</p>

Program Coordinators

Sevgi ŞAHİN
M.D., Prof.

İbrahim Yıldız
M.D., Prof.

Suna YAPALI
M.D. Assoc. Prof.

Academic Units & Staff

Sevgi ŞAHİN M.D., Prof.	Gül BAŞARAN M.D., Prof.	Gürhan ŞIŞMAN M.D., Prof.	İbrahim YILDIZ M.D., Assoc. Prof.
İnan ANAFOROĞLU M.D., Prof.	Rüştü SERTER M.D., Prof.	Can GÖNEN M.D., Prof.	Hakan ÜNAL M.D., Assoc. Prof.
Nurdan TÖZÜN M.D., Prof.	Ülkem ÇAKIR M.D., Prof.	Özlem ÇELİK M.D., Prof.	Borçak Çağlar RUHİ M.D., Assoc. Prof.
Siret RATİP M.D., Prof.	Başak OYAN ULUÇ M.D., Prof.	Yıldız OKUTURLAR M.D., Prof.	Mehmet KARAARSLAN M.D., Assist. Prof.
Murat SARUÇ M.D., Prof.	Nesliar Eser KUTSAL M.D., Prof.	Leyla ÖZER M.D., Assoc. Prof.	Özdağ ERSOY M.D., Assist. Prof.
Aziz YAZAR M.D., Prof.	Arzu TİFTİKÇİ M.D., Prof.	Suna YAPALI M.D., Assoc. Prof.	Ant UZAY M.D., Assist. Prof.
Özlem ER M.D., Prof.	Taner KORKMAZ M.D., Prof.	Özlem SÖNMEZ M.D., Assoc. Prof.	Cem SUNGUR M.D., Instructor

PULMONARY DISEASES

Çağlar ÇUHADAROĞLU
M.D., Prof.

Ceyda EREL KIRIŞOĞLU
M.D., Prof.

Pelin UYSAL
M.D., Assoc. Prof.

INFECTIOUS DISEASES

Sesin KOCAGÖZ

M.D., Prof.

Serap GENÇER

M.D., Prof.

Hülya KUŞOĞLU

M.D., Assist. Prof.

CARDIOLOGY

Sinan DAĞDELEN

M.D., Prof.

Duhan Fatih BAYRAK

M.D., Prof.

Elif EROĞLU

M.D., Prof.

Aleks DEĞİRMENCİOĞLU

M.D., Assoc. Prof.

Selçuk GÖRMEZ

M.D., Assist. Prof.

HISTORY OF MEDICINE AND ETHICS

Yeşim Işıl ÜLMAN

PhD., Prof.

Fatih ARTVİNLİ

PhD., Assoc. Prof.

SIMULATED CLINICAL PRACTICE

Dilek KİTAPÇIOĞLU

M.D., Assist. Prof.

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.

<p>Course Aims</p>	<p>This hospital based medical education program aims to deliver training in environment of wards and out-patient clinics of the tertiary healthcare facility.</p>
<p>Learning Outcomes</p>	<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

Out-patient Clinics

TASK TABLE			
Name/Surname:		Start Date:	End Date:
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

Özgür KURT
M.D. Prof.
Işıl PAKIŞ
M.D. Prof.
Demet DİNÇ
M.D., Instructor

Phase II/III
Clinical Education Coordinators

Sevgi ŞAHİN
M.D., Prof.
Bilgi BACA
M.D., Prof.
Serdar BEKEN
M.D., Prof.

Program Coordinators

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M.D., Prof.
Volkan ÖZBEN
M.D., Assoc. Prof.
Halil KARA
M.D., Assoc. Prof.

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Tayfun KARAHASANOĞLU
MD, Prof.
İsmail HAMZAOĞLU
MD, Prof.
Bilgi BACA
MD, Prof.
İbrahim BERBER
MD, Prof.
Remzi EMİROĞLU
MD, Prof.
Erman AYTAÇ
MD, Assoc. Prof.
Volkan ÖZBEN
MD, Assoc. Prof.

Halil KARA
MD, Assoc. Prof.
İsmail Ahmet BİLGİN
Assoc. Prof.
Tonguç Utku YILMAZ
MD, Assoc. Prof.
Akif Enes ARIKAN
MD, Assist. Prof.
Güralp Onur CEYHAN
MD, Instructor
Onur DÜLGEROĞLU
MD, Instructor
Emir ÇAPKINOĞLU
MD, Instructor

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 • They 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: • 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 10
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 8 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Özgür KURT M.D. Prof.</p> <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>Serdar BEKEN M.D., Prof.</p>

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Ebru KAZANCI
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Baran Cengiz ARCAĞÖK
M.D., Assist. Prof.

Pediatric Nephrology

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M.D., Assoc. Prof.

Pediatric Neurology

Uğur IŞIK
M.D., Prof.

Pediatric Intensive Care and Emergency Medicine

Agop ÇITAK
M.D., Prof.
Sare Güntülü ŞIK
M.D., Assoc. Prof.

Social Pediatrics

Selda KARAAYVAZ
M.D., Ph.D., Prof.

General Pediatrics

Sibel AKA
M.D., Assist. Prof.
Tarkan İKİZOĞLU
M.D., Assist. Prof.
Özlem Naciye ATAN ŞAHİN
M.D., Assoc. Prof.

Affiliated Faculty:

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M.D., Prof. Pediatric Pulmonology
Vildan ERTEKİN
M.D., Prof. Pediatric Gastroenterology
Melike ERSOY OLBAK
M.D., Pediatric Metabolism
Ayla OKTAY
M.D., Pediatric Cardiology

Educational Methods

- Practice in outpatient clinics
- Practice in Clinical Wards and Intensive Care Units
- Weekly Academic Meetings
- Academic Staff Lectures
- Journal Club
- Intern Presentations

Assessment Methods

- Performance assessment,
- Active and on-time attendance,
- Patient evaluation and physical examination,
- Seminar/article preparation and presentation,
- Clinical skills assessment,
- Personal Professional Attitude,

<p>Course Aims</p>	<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 Acıbadem 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>
<p>Learning Outcomes</p>	<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	ECTS
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 4 weeks		
		4	4

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Özgür KURT M.D. Prof.</p> <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>Serdar BEKEN M.D., Prof.</p>

Program Coordinators

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Esra ÖZBAŞLI
M.D., Instructor

Faruk KÖSE
M.D., Prof.

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 4	ECTS 4
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 3 weeks		

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Özgür KURT M.D. Prof.</p> <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>Serdar BEKEN M.D., Prof.</p>

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Burcu YAVUZ

M.D., Assoc. Prof.

Barış SANCAK

M.D., Assist. Prof.

Gökşen Yüksel YALÇIN

M.D., Instructor

Course Duration	<p>3 Weeks</p> <p>Three weeks, of which the second week will be spent at Bakirköy Mazhar Osman Mental Health and Neurological Diseases Training and Research Hospital's Emergency Room (1 day) and Clinics</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 illness, 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

Attendance to outpatient clinic and emergency unit of Bakirköy Mazhar Osman Mental Health and Neurological Diseases Training and Research Hospital.

In the second week of the internship, students will attend to the outpatient clinic and the emergency unit under the supervision of a psychiatrist (field trainer). This part of the internship will primarily focus on clinical experience in general practice out-patient care. Students have to comply with local working regulations as outlined by the responsible field trainer and are responsible returning their attendance sheets to the faculty in charge.

USEFUL INFORMATION:

Training Sites:

Bakirköy Mazhar Osman Mental Health and Neurological Diseases
Education and Research Hospital (BRSHH)
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.
- Working hours in the Bakirkoy Mazhar Osman Mental Health and Neurological Diseases Education and Research Hospital will be communicated by field trainers-faculty in charge.
- 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.

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

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	
	BRSHH Psychiatric Emergency	
	BRSHH Outpatient Clinic	
	Case Presentation	

Clerkship

COMMUNITY HEALTH AND PRIMARY CARE

MED 606

Educational Language	English (Practical sessions will be conducted in Turkish)	Credit	ECTS
Course Type	Compulsory		
Course Level	Undergraduate		
Year / Duration	Year VI / 8 weeks		
		8	10

Phase II/III Coordinators	Phase II/III Clinical Education Coordinators
<p>Özgür KURT M.D. Prof.</p> <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>Serdar BEKEN M.D., Prof.</p>

Program Coordinators

Pınar TOPSEVER
M.D., Prof

Yeşim YASİN
Ph.D., Assoc. Prof.

Academic Units & Staff

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M.D., PhD, Prof.

Figen DEMİR
M.D., Assoc. Prof.

Yeşim YASİN
PhD, Assoc. Prof.

Family Medicine:

Pınar TOPSEVER
M.D., Prof.

Efe ONGANER
M.D., Assist. Prof.

Demet DİNÇ
M.D., Instructor

Şirin PARKAN
M.D., Instructor

Field Trainers in Primary Health Care

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 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 by 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-training environment for practice in primary health care institutions mentioned above. The overall aim is to consolidate knowledge and skills* regarding basic principles of community health and primary and preventive care, and 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.
- 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

Behave according to ethical and legal principles.

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 3-4 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	Seminar	Seminar
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	Night Shift Clinical Practice Rotations	Clinical Practice Rotations
Week 5	Seminar Journal Club	Clinical Practice Rotations	Anti-TB Clinic	Clinical Practice Rotations	Seminar Journal Club
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 breast feeding, 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)		
Critical appraisal of an article or seminar		
Plan and present a health promotion project (group task)		

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/>
 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-yoenetmeli.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
- 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**

Özgür KURT
M.D. Prof.
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.
Serdar BEKEN
M.D., Prof.

Program Coordinators

Serpil YAYLACI
M.D., Prof.
Cem GÜN
M.D., Assist. Prof.
Hasan ALDİNÇ
M.D., Assist. Prof.

Academic Units & Staff

Serpil YAYLACI
M.D., Prof.
Cem GÜN
M.D., Assist. Prof.
Hasan ALDİNÇ
M.D., Assist. Prof.
Kamil KAYAYURT
M.D., Instructor
Veysel BALCI
MD., Instructor

<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 an 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 İnternship 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-Girisimsel-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>Özgür KURT M.D. Prof.</p> <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>Serdar BEKEN M.D., Prof.</p>

Program Coordinators

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof.

Academic Units & Staff

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof.

Feray GÜVEN
M.D., Instructor

Emel KOÇER GÜR
M.D., Instructor

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.

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