



"The leaders you can trust most in life are science and education"

K. Atatürk

CONTENTS

RECTOR'S MESSAGE _____	4
DEAN'S MESSAGE _____	6
OUR AIM, MISSION and VISION _____	8
ADMINISTRATIVE ORGANIZATION _____	9
ACADEMIC UNITS _____	10
COMMITTEES _____	12
COORDINATORS OF MEDICAL EDUCATION _____	13
ACADEMIC STAFF _____	20
OFFICES _____	24
GENERAL DESCRIPTION OF MEDICAL EDUCATION PROGRAM _____	26
CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) PROGRAM _____	28
CENTER FOR ADVANCED SIMULATION AND EDUCATION _____	33
2015-2016 ACADEMIC CALENDAR _____	36
MEDICAL EDUCATION PROGRAM OUTLINE _____	44
YEAR 1 CURRICULUM _____	46
YEAR I FALL SEMESTER _____	64
YEAR I SPRING SEMESTER _____	84
YEAR 2 CURRICULUM _____	104
YEAR II FALL SEMESTER _____	124
YEAR II SPRING SEMESTER _____	144
YEAR 3 CURRICULUM _____	168
YEAR III FALL SEMESTER _____	188
YEAR III SPRING SEMESTER _____	210
OTHER COURSE INFORMATIONS _____	230
YEAR 4 CURRICULUM _____	238
YEAR 5 CURRICULUM _____	262
ELECTIVE CLERKSHIPS _____	282
YEAR 6 CURRICULUM _____	318

RECTOR'S MESSAGE



Dear Students,

I would like to welcome all students to the 2015-2016 academic year here at Acibadem University (ACU) School of Medicine. ACU is one of the most exceptional medical schools, while also being one of the youngest, in Turkey. The diversity of programs and unique learning experiences offered at our medical school prepare students to be successful physicians who respect patient rights and adhere to ethical principles of medical practice. We encourage self-directed learning which inspires students to acquire and apply their knowledge in an environment supported by professional mentors.

Our curriculum adheres to the highest professional standards. We train students to become physicians that deliver high quality patient-centered care. This is accomplished, in part, by balancing the use of scientific method with biomedical and social/behavioural principles in the practice of medicine. Changing patient expectations and continuous developments in biomedical and information technologies are making it crucial for doctors to be capable in multiple fields in addition to their core expertise. The medical school consists of highly motivated and successful experts in their respective fields. They are keen to develop both the medical and intellectual skills of our students. Not only quality of education, but also wholistic student support is always our top priority.

The carefully prepared core curriculum integrates ba-

sic and clinical medicine with international, multicultural, humanistic competency in theoretical and applied medicine. Examples of this are in-house Center of Advanced Simulation and Education (CASE) and our deeply integrated Clinical Medicine and Professional Skills (CMPS) and Medical English programs.

I personally find these changes in the field of medicine exciting and dynamic.

Once again I would like to welcome you to Acibadem University and wish you all the best for a successful year.

Prof. Dr. Ahmet Şahin

Rector

DEAN'S MESSAGE



Dear Students and Faculty,

Welcome to a new academic experience at Acibadem School of Medicine!

As you know, Acibadem School of Medicine proudly celebrated its first graduates in July 2015. We wish them the best of luck and promise to remain home for all in the future. Many bright students have joined us this year. We welcome them to our family of nearly 500 students and 250 faculty members. We are all thrilled to see our students grow to become a body of learner-thinker medicine enthusiasts.

Acibadem University provides us world-class teaching and learning environments. Phase 1 (year 1-2-3) of our education takes place in Kerem Aydınlar Campus, while Phases 2-3 (Clerkships and Internship year) are in Acibadem Atakent and Maslak Hospitals.

Our unique curriculum detailed in this book is now well established and grounded. In this year's curriculum you will find basic science and clinical concepts integrated in a streamline. CMPS (Clinical Medicine Professional Skills) tract provides skills to become a lifelong researcher and cross-disciplinary thinker. It also provides the professional, ethical and social tools to the art of medicine. The clinical procedural skills applied using modalities in our Clinical Simulation Center (CASE) continue to expand. Bioinformatics, a new area in science is now fully integrated into medical sciences along with fundamental biostatistics. Finally, from this year on we will be promoting a

new tract in our curriculum, namely "Enrichment Modules". These modules will be designed to guide our students in advanced levels in specific areas of personal interest.

2015-2016 Academic Year will be a year of refinement and fine-tuning. As always, we value your ideas and feedback.

It is a fascinating period to both teach and study medicine.. We are looking forward to enjoy learning along with you!
Best wishes,

Prof. Dr. Yasemin Alanay
Dean

OUR AIM, MISSION and VISION

Our aim at Acbadem University, School of Medicine is to train our students in accordance with the highest professional standards providing a broad range of scientific knowledge, practical and behavioral skills which will translate into high quality patient care and high level of scientific curiosity enabling him/her to make scientific research.

The physician at our focus is creative, competent and capable to collaborate with his/her colleagues and subordinates in order to provide the best health care at the institutional and global level. The student will learn how to learn and where to find the information when needed.

We aim to accomplish this goal by continuous medical education and self development that would assure the delivery of high quality medicine.

In this context, every graduate from our medical school shall be able to:

- Provide a high standard medical care to the patients (obtain an accurate medical history, perform physical examination, implement diagnostic interventions and evidence-based treatment protocols).
- Provide efficient care in medical emergencies.
- Apply biomedical, social/behavioral science principles, scientific knowledge and method to the practice of medicine.
- Apply public health principles and methods to protect and promote the health of individuals and community.

- Recognize the health problems of his/her country and global health issues.
- Analyze the social determinants of health, distinct social, economical and cultural factors which might affect health conditions.
- Respect patient rights; their dignity, autonomy, integrity and confidentiality.
- Apply the universal human rights principles to medical practice.
- Adhere strictly to ethical principles and legal rules in his/her clinical practice and research activities.
- Display effective oral and written communication skills with patients and colleagues in a medical context.
- Formulate and apply a medical research
- Use information technology effectively in medical practice.

Our mission

to create the physician, while who provides the best healthcare, is also committed to integrity, taking lifelong responsibility, mentoring and philanthropy.

Our vision

to be rated among the top medical schools in Europe with a nationally and internationally accredited education program reached the high universal standards.

It takes a long way to become a doctor. There are many obstacles, threats and difficulties but “Chance only favors the prepared mind”.

ADMINISTRATIVE ORGANIZATION



RECTOR
Ahmet ŞAHİN, M.D.
Professor of Urology



VICE RECTOR
Beki KAN, Ph.D.
Professor of Biophysics



VICE RECTOR
İrfan GÜNEY, BSc., Ph.D.
Professor of Electrical Engineering



VICE RECTOR
Zeynep GÜVEN, M.D.
Professor of Physical
Medicine and Rehabilitation



DEAN
Yasemin ALANAY, M.D., Ph.D.
Professor of Pediatrics



VICE DEAN
Nadi BAKIRCI, M.D., Ph.D.
Professor of Public Health



VICE DEAN
Tanıl KOCAGÖZ, M.D., Ph.D.
Professor of Microbiology

ACADEMIC UNITS

DEPARTMENT OF BASIC SCIENCES



HEAD

Beki KAN, Ph.D., Prof.

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

DEPARTMENT OF MEDICAL SCIENCES



HEAD

Zeynep GÜVEN, M.D., Prof.

- Department of Cardiology
- Department of Child Psychiatry
- Department of Dermatology
- Department of Family Medicine
- Department of Forensic Medicine
- Department of Infectious Diseases and Microbiology
- Department of Internal Medicine
- Department of Medical Pharmacology
- Department of Neurology
- Department of Nuclear Medicine
- Department of Pediatrics
- Department of Physical Medicine
- Department of Psychiatry
- Department of Pulmonary Medicine
- Department of Public Health
- Department of Radiation Oncology
- Department of Radiology

DEPARTMENT OF SURGICAL SCIENCES



HEAD

Metin Türkmen, M.D., Prof.

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

FACULTY COUNCIL

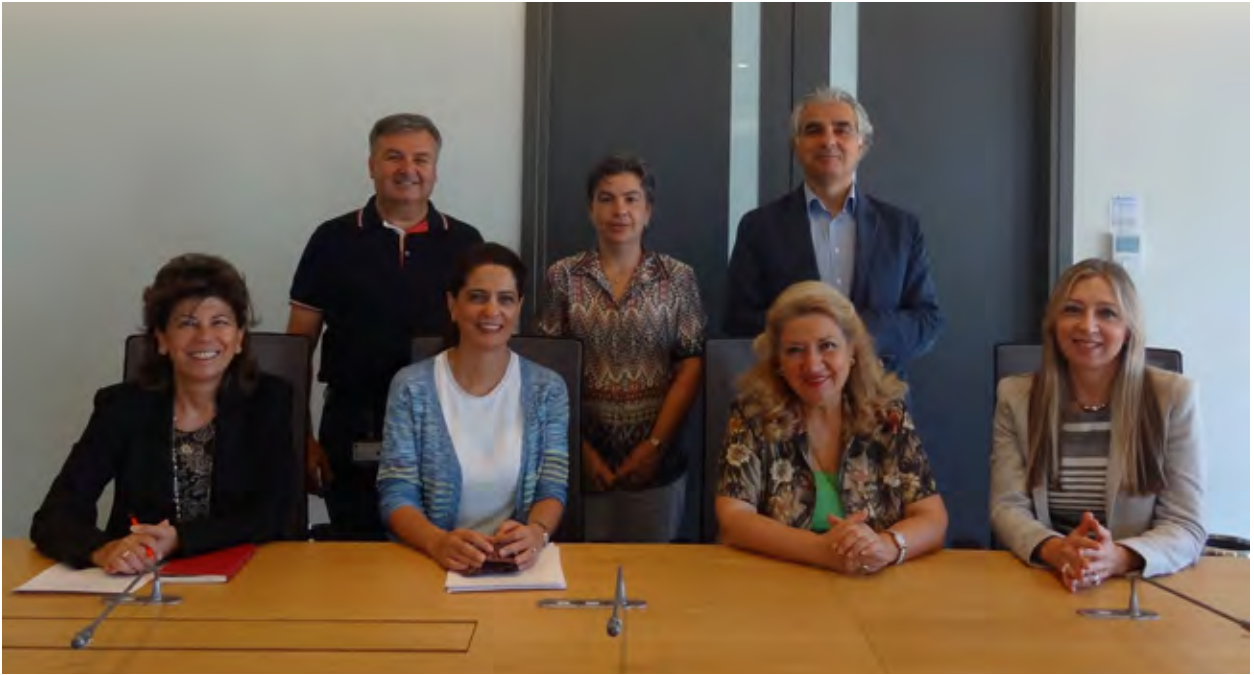
Yasemin ALANAY, M.D., Ph.D., Prof.
Zeynep GÜVEN, M.D., Prof.
Beki KAN, Ph.D. Prof.
Metin TÜRKMEN, M.D., Prof.
Nadi BAKIRCI, M.D., Ph.D., Prof.

Enis ÖZYAR, M.D., Prof.
Serap ARBAK, Ph.D., Prof.
Pınar TOPSEVER, M.D., Assoc. Prof.
Işıl PAKIŞ, M.D., Assoc. Prof.
Evren KILINÇ, Ph.D., Assist. Prof.

FACULTY EXECUTIVE BOARD MEMBERS

Yasemin ALANAY, M.D., Ph.D., Prof.
Nurdan TÖZÜN, M.D., Prof.
Güldal SÜYEN, M.D., Ph.D., Prof.
Özgür KURT, M.D., PhD., Prof.

Pınar TOPSEVER, M.D., Assoc. Prof.
Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.
Bora ÖZVEREN, M.D., Assist. Prof.



CURRICULAR DEVELOPMENT COMMITTEE

Yasemin ALANAY, M.D., Ph.D., Prof.
Nurdan TÖZÜN, M.D., Prof.
Nadi BAKIRCI, M.D., Ph.D., Prof.
Zeynep GÜVEN, M.D., Prof.

Tanıl KOCAGÖZ, M.D., Ph.D., Prof.
Yeşim Işıl ÜLMAN, Ph.D. Prof.
İlke SİPAHİ, M.D., Prof.
Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.

COORDINATORS OF MEDICAL EDUCATION

CHIEF COORDINATOR



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

VICE COORDINATORS



Özgür KURT
M.D., Ph.D., Prof. (Phase I)



Bilgi BACA
M.D., Prof. (Phase II)

YEAR 1 COORDINATORS:



Cemaliye AKYERLİ BOYLU
Ph.D., Assist. Prof.



Deniz YÜCEL
Ph.D., Assist. Prof.

SUBJECT COMMITTEE CHAIRS

MED 101 Cellular Basis of Medicine

Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.
Erdal Coşgun, Ph.D., Assist. Prof.

MED 103 Cellular Transport and Metabolism

Evren KILINÇ, Ph.D., Assist. Prof.
Beste KINIKOĞLU, Ph.D., Assist. Prof.

MED 104 From Cell to Tissue /From Tissue to Organ

Güldal SÜYEN, M.D., Ph.D., Prof.
Sinem ÖKTEM OKULLU, MSc., Instructor

MED 106 Body Functions and Human Behavior

Fatih ARTVİNLİ, Ph.D., Assist. Prof.
Yeşim YASİN, Ph.D., Assist. Prof.

YEAR 2 COORDINATORS:



Mustafa AKTEKİN
M.D., Ph.D., Prof.



Devrim ÖZ ARSLAN
Ph.D., Assist. Prof.

SUBJECT COMMITTEE CHAIRS

MED 201 Cell And Tissue Injury Homeostasis

Işın AKYAR , M.D., Ph.D., Assoc. Prof.

Fehime BENLİ AKSUNGAR M.D., Assoc. Prof.

MED 203 Cell And Tissue Injury: Infection and Neoplasia

Özgür KURT, M.D., Ph.D., Prof.

Hale KIRIMLIOĞLU, M.D., Assoc. Prof.

MED 205 Hematopoietic System and Related Disorders

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

Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.

MED 206 Musculoskeletal System and Related Disorders

Umut AKGÜN, M.D., Assoc. Prof.

Meltem KOLGAZİ, Ph.D., Assist. Prof.

MED 208 Respiratory System and Related Disorders

Günseli BOZDOĞAN, M.D., Assist. Prof.

Özge CAN, Ph.D., Assist. Prof.

YEAR 3 COORDINATORS:



Güldal SÜYEN
M.D., Ph.D., Prof.



Emel BALOĞLU
M.D., Ph.D., Assist. Prof.

SUBJECT COMMITTEE CHAIRS

MED 303 Cardiovascular System and Related Disorders

Arda SAYGILI, M.D., Prof.
Mehmet ERGEN, Ph.D., Assist. Prof.

MED 305 Nervous System and Related Disorders

Elif ILGAZ AYDINLAR, M.D., Assoc. Prof.
Deniz YÜCEL, Ph.D., Assist. Prof.

MED 307 Growth, Development and Endocrine Disorders

Özlem Sezgin MERİÇLİLER, M.D., Assist. Prof.
Emel BALOĞLU, M.D., Ph.D., Assist. Prof.

MED 304 Gastrointestinal System, Metabolism and Related Disorders

Özdal ERSOY, M.D., Assist. Prof.
Elif NEDRET KESKİNÖZ, MSc., Instructor

MED 306 Urogenital System and Related Disorders

Serkan ERKANLI, M.D., Prof.
Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.

YEAR 4 COORDINATORS:

Özlem PATA
M.D., Prof.



Selda POLAT
M.D., Assoc., Prof.

CLERKSHIP COORDINATORS**Internal Medicine**

Gül BAŞARAN, M.D., Prof.
Fatih OĞUZ ÖNDER, M.D., Assoc., Prof.
Aleks DEĞİRMENCİOĞLU, M.D., Assist. Prof.

Surgery

Baca, M.D., Prof.
Tayfun GÜLER, M.D., Prof.

Obstetrics and Gynecology

Ahmet Cem BATUKAN, M.D., Prof.
Talat Umut Kutlu DİLEK, M.D., Prof.

Pediatrics and Pediatric Surgery

Vildan ERTEKİN, M.D., Prof.
Müazzez ÇEVİK, M.D., Assoc., Prof.

Urology

Saadettin ESKİÇORAPÇI, M.D., Prof.
Selçuk KESKİN, M.D., Assist. Prof.

YEAR 5 COORDINATORS:



Vuslat Sema ÜNAL
M.D., Prof.



Işıl PAKIŞ
Assoc. Prof.

CLERKSHIP COORDINATORS

Neurology

Murat AKSU, M.D., Prof.
Pınar YALINAY DİKMEN, M.D., Assoc. Prof.

Neurosurgery

Koray ÖZDUMAN, M.D., Assoc. Prof.
Mustafa GÜDÜK, M.D., Assist. Prof.

Psychiatry

Burcu YAVUZ GÖKSAN, M.D., Assist. Prof.
Ferhal Utku DOĞAN, M.D., Assist. Prof.

Otolaryngology-Head and Neck Surgery

Gediz Murat SERİN, M.D., Assoc. Prof.
Melih Güven GÜVENÇ, M.D., Assoc. Prof.

Ophthalmology

Banu COŞAR, M.D., Prof.
Ali Rıza Cenk ÇELEBİ, M.D., Assist. Prof.

Dermatology

Emel ÖZTÜRK DURMAZ, M.D., Prof.
Yeliz ERDEMOĞLU, M.D., Instructor

Radiology

Simay ALTANKARA, M.D., Prof.
Eşref KIZILKAYA, M.D., Prof.

Orthopaedics and Traumatology and Physical Medicine and Rehabilitation

Ufuk NALBANTOĞLU, M.D., Prof.
Ayçe Atalay, M.D., Assoc. Prof.
Can GEMALMAZ, M.D., Assist. Prof.

Forensic Medicine

Işıl PAKIŞ, M.D., Assoc. Prof.

YEAR 6 COORDINATORS:



Murat SARUÇ
M.D., Prof.



Bilgi BACA
M.D., Prof.

CLERKSHIP COORDINATORS

Internal Medicine

İlke SİPAHİ, M.D., Prof.
Fatih Oğuz ÖNDER, M.D., Assoc. Prof.

General Surgery

Bilgi BACA, M.D., Prof.

Pediatrics

Metehan ÖZEN, M.D., Prof.

Obstetrics and Gynecology

İbrahim BİLDİRİCİ, M.D., Prof.
Talat Umut Kutlu DİLEK, M.D., Prof.

Psychiatry

Ferhal Utku DOĞAN, M.D., Assist. Prof.

Community Health and Primary Care

Figen DEMİR, M.D., Ph.D., Assist. Prof.
Pınar TOPSEVER, M.D., Assoc. Prof.

Emergency Medicine

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

Simulated Clinical Practice

Dilek KİTAPÇIOĞLU, M.D., Instructor
Feray GÜVEN, M.D., Instructor

CLINICAL MEDICINE AND PROFESSIONAL SKILLS (CMPS) COORDINATORS:



Pınar TOPSEVER
M.D., Assoc. Prof.



Figen DEMİR
M.D., Assist. Prof.

MEDICAL INFORMATICS AND BIOSTATISTICS, MEDICAL INFORMATICS AND BIOMEDICAL TECHNOLOGIES COORDINATORS:



Uğur SEZERMAN
Ph.D., Prof.



Onur KARATUNA
M.D., Assist. Prof.



Erdal COŞGUN
Ph.D., Assist. Prof.



Hülya KARAYAZI,
Inst.

MEDICAL ENGLISH COORDINATORS:



Sesin KOCAGÖZ
M.D., Ph.D., Prof.



Pınar TOPSEVER
M.D., Assoc. Prof.

LABORATORY COORDINATORS:



Tanıl KOCAGÖZ
M.D., Ph.D., Prof.



Özgür KURT
M.D., Ph.D., Prof.

ACADEMIC STAFF

ANATOMY

Alp BAYRAMOĞLU., M.D., Ph.D., Prof.
Mustafa AKTEKİN., M.D., Prof.
Elif Nedret KESKİNÖZ, Ph.D., Instructor

ANESTHESIOLOGY AND REANIMATION

Fevzi TORAMAN, M.D., Prof.
Özcan ERDEMLİ, M.D., Prof.
Nahit ÇAKAR, M.D., Prof.
Serpil USTALAR ÖZGEN, M.D., Assist. Prof.
Meltem AÇIL, M.D., Assist. Prof.

ATATÜRK'S PRINCIPLES & HISTORY OF REVOLUTION

Özgür Mutlu ULUS KARADAĞ, Ph.D., Assist. Prof.

BIOPHYSICS

Beki KAN, Ph.D., Prof.
Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.
Evren KILINÇ, Ph.D., Assist. Prof.

BIOSTATISTICS AND MEDICAL INFORMATICS

O.Üğür SEZERMAN, Ph.D., Prof.
Erdal COŞGUN, Ph.D., Assist. Prof.

CARDIOLOGY

Sinan DAĞDELEN, M.D., Prof.
Mustafa Kemal BATUR, M.D., Prof.
Şevket GÖRGÜLÜ M.D., Prof.
Tuğrul NORGAZ, M.D., Prof.
İlke SİPAHİ, M.D., Prof.
Ahmet AKYOL, M.D., Prof.
Ahmet KARABULUT, M.D., Assoc. Prof.
Duhan Fatih BAYRAK, M.D., Assoc. Prof.
Elif EROĞLU, M.D., Assoc. Prof.
Tansu KARAAHMET, M.D., Assoc. Prof.
Gülcan KURU ABALI, M.D., Assist. Prof.
Ali BUTURAK, M.D., Assist. Prof.
Aleks DEĞİRMENCİOĞLU, M.D., Assist. Prof.
Selçuk GÖRMEZ, M.D., Assist. Prof.
Mustafa Ertuğrul MERCAN, M.D., Instructor

CARDIOVASCULAR SURGERY

Cem ALHAN, M.D., Prof.
Tayyar SARIOĞLU, M.D., Prof.
Hasan KARABULUT, M.D., Prof.
Şahin ŞENAY, M.D., Assoc. Prof.
Ersin EREK, M.D., Assoc. Prof.
Ahmet Ümit GÜLLÜ, M.D., Assist. Prof.
Cem ARITÜRK., M.D., Assist. Prof.

EMERGENCY MEDICINE

Serkan ŞENER, M.D., Assoc. Prof.
Serpil YAYLACI, M.D., Assist. Prof.

FAMILY MEDICINE

Pınar TOPSEVER, M.D., Assoc. Prof.

FORENSIC MEDICINE

Oğuz POLAT, M.D., Prof.
Işıl PAKIŞ, M.D., Assoc. Prof.

GENERAL SURGERY

Cihan URAS, M.D., Prof.
Remzi EMİROĞLU, M.D., Prof.
Bilgi BACA, M.D., Prof.
İlknur ERGÜNER, M.D., Assoc. Prof.
Hatice Deniz BÖLER, M.D., Assoc. Prof.
Erman AYTAÇ, M.D., Assist. Prof.
Levent BALCI, M.D., Assist. Prof.
Ercüment GÜRLÜER, M.D., Instructor
Deniz ATASOY, M.D., Instructor
Onur BAYRAKTAR, M.D., Instructor

GYNECOLOGY AND OBSTETRICS

Mete GÜNGÖR, M.D., Prof.
Tayfun BAĞIŞ, M.D., Prof.
Tansu KÜÇÜK, M.D., Prof.
Özlem PATA, M.D., Prof.
İbrahim BİLDİRİCİ, M.D., Prof.
Ahmet Cem BATUKAN, M.D., Prof.
Serkan ERKANLI, M.D., Prof.
Bülent TIRAŞ, M.D., Prof.
Fatih ŞENDAĞ, M.D., Prof.
Talat Umut Kutlu DİLEK, M.D., Prof.
Hüsnü GÖRGEN, M.D., Assoc. Prof.
Derya EROĞLU, M.D., Assoc. Prof.
Esra ÖZBAŞLI, M.D., Instructor

HISTOLOGY AND EMBRYOLOGY

Serap ARBAK, Ph.D., Prof.

HISTORY OF SCIENCE

Özgür Mutlu ULUS KARADAĞ, Ph.D., Assist. Prof.

INFECTIOUS DISEASES

Sesin KOCAGÖZ, M.D., Prof.
Sibel GÜNDEŞ, M.D., Prof.
Hülya KUŞOĞLU, M.D., Instructor

INTERNAL MEDICINE

Nurdan TÖZÜN, M.D. FRCP, Prof
Siret RATİP, M.D., Ph.D., Prof.
Murat SARUÇ, M.D., Prof.
Aziz YAZAR, M.D., Prof.
Özlem ER, M.D., Prof.
Gül BAŞARAN, M.D., Prof.
Sinan YAVUZ, M.D., Prof.
Rüştü SERTER, M.D., Ph.D., Prof.
Z.Şebnem AKTARAN, M.D., Ph.D., Prof.
Bahattin ÇİÇEK, M.D., Ph.D., Prof.
Gökhan DEMİR, M.D., Prof.
Ülkem ÇAKIR, M.D., Prof.
H.Asuman YAVUZ, M.D., Prof.
Ender ARIKAN, M.D., Prof.
Hüseyin ABALI, M.D., Prof.
Bülent ORHAN., M.D., Prof.
Duygu YAZGAN AKSOY, M.D., Prof.

Taner KORKMAZ, M.D., Assoc. Prof.
Nesliar Eser VARDARELİ, M.D., Assoc. Prof.
Arzu TİFTİKÇİ, M.D., Assoc. Prof.
Bülent DEĞERTEKİN, M.D., Assoc. Prof.
Okan KUZHAN, M.D., Assoc. Prof.
Fatih Oğuz ÖNDER, M.D., Assoc. Prof.
Arif Alper KIRKPANTUR, M.D., Assoc. Prof.
Sevgi ŞAHİN, M.D., Assoc. Prof.
H.Mehmet KARAARSLAN, M.D., Assist. Prof.
Özdal ERSOY, M.D., Assist. Prof.
Nurten KÜÇÜKMETİN, M.D., Assist. Prof.
Ant UZAY, M.D., Assist. Prof.
Suna YAPALI, M.D., Assist. Prof.
Oğuz Kaan ÜNAL, M.D., Instructor

MEDICAL BIOCHEMISTRY

Aysel ÖZPINAR, D.V.M. Ph.D., Prof.
İbrahim ÜNSAL, M.D., Ph.D., Prof.
Mustafa SERTESER, M.D., Prof.
Abdurrahman COŞKUN, M.D., Prof.
Muhittin SERDAR, M.D., Prof.
Fehime AKSUNGAR, M.D., Assoc. Prof.

MEDICAL BIOLOGY

Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.
Beste KINIKOĞLU, Ph.D., Assist. Prof.

MEDICAL ENGLISH

Lisa J. ANGELO, Instructor
Gergana ÇİFTÇİOĞLU, Instructor
Patrick Roger OWEN, Instructor

MEDICAL HISTORY AND ETHICS

Yeşim Işıl ÜLMAN, Ph.D., Prof.
Fatih ARTVİNLİ, Ph.D., Assist. Prof.

MEDICAL MICROBIOLOGY

Tanıl KOCAGÖZ, M.D., Ph.D., Prof.
Özgür KURT, M.D. Ph.D., Prof.
İkbal Agah İNCE, Ph.D., Assoc. Prof.
Işın AKYAR, M.D., Assoc. Prof.
Onur KARATUNA, M.D., Assist. Prof.
Sinem ÖKTEM OKULLU, MSc., Instructor

MEDICAL PATHOLOGY

Ümit İNCE, M.D., Prof.
E. Handan ZEREN, M.D., Prof.
İlker AKPOLAT, M.D., Prof.
Özlem AYDIN, M.D., Prof.
Özlem YAPICIER, M.D., Prof.
Hale KIRIMLIOĞLU, M.D., Assoc. Prof.
Yeşim SAĞLİCAN, M.D., Instructor

MEDICAL PHARMACOLOGY

İsmail Hakkı ULUS, M.D., Ph.D., Prof.
Emel BALOĞLU, M.D., Assist. Prof.

NEUROLOGY

Fehim ARMAN, M.D., Prof.
Ayşe SAĞDUYU KOCAMAN, M.D., Prof.

Murat AKSU, M.D., Prof.
M. Geysu KARLIKAYA, M.D., Prof.
Fatma Çiğdem DOĞULU, M.D., Assoc. Prof.
Dilaver KAYA, M.D., Assoc. Prof.
Pınar YALINAY DİKMEN, M.D., Assoc. Prof.
Elif ILGAZ AYDINLAR, M.D., Assoc. Prof.
Selda KORKMAZ, M.D., Assist. Prof.

NEUROSURGERY

M. Necmettin PAMİR, M.D., Prof.
Selçuk PEKER, M.D., Prof.
Serdar ÖZGEN, M.D., Prof.
Zafer BERKMAN, M.D., Prof.
Koray ÖZDUMAN, M.D., Assoc. Prof.
Halil İbrahim SUN, M.D., Assist. Prof.
Mustafa GÜDÜK, M.D., Assist. Prof.
Ulaş YENER, M.D., Assist. Prof.
İmre USSELİ, M.D., Instructor

NUCLEAR MEDICINE

Erkan VARDARELİ, M.D., Prof.
Ahmet Levent GÜNER, M.D., Assist. Prof.
Tamer AKSOY, M.D., Assist. Prof.

OPHTHALMOLOGY

C. Banu COŞAR, M.D., Prof.
Abdullah ÖZKIRIŞ, M.D., Prof.
Uğur Emrah ALTIPARMAK, M.D., Assoc. Prof.
Ali Rıza Cenk ÇELEBİ, M.D., Assist. Prof.
Ayşe Ebru KILAVUZOĞLU, M.D., Instructor

ORTHOPEDICS AND TRAUMATOLOGY

Metin TÜRKMEN, M.D., Prof.
Nadir ŞENER, M.D., Prof.
Servet Aydın YÜCETÜRK, M.D., Prof.
Ahmet ALANAY, M.D., Prof.
Ufuk NALBANTOĞLU, M.D., Prof.
Burak BEKSAÇ, M.D., Prof.
Vuslat Sema ÜNAL, M.D., Prof.
Taner GÜNEŞ, M.D., Prof.
Mehmet Uğur ÖZBAYDAR, M.D., Assoc. Prof.
Sezgin SARBAN, M.D., Assoc. Prof.
Umut AKGÜN, M.D., Assoc. Prof.
Fatih DİKİCİ, M.D., Assoc. Prof.
Barış KOCAOĞLU, M.D., Assoc. Prof.
Feridun ÇİLLİ, M.D., Assoc. Prof.
Hüseyin Arel GERELİ, M.D., Assist. Prof.
Halil Can GEMALMAZ, M.D., Assist. Prof.
İlyas Çağlar YILGÖR, M.D., Assist. Prof.
Tekin Kerem ÜLKÜ, M.D., Instructor
Buğra ALPAN, M.D., Instructor

OTORHINOLARYNGOLOGY

Hasan TANYERİ, M.D., Prof.
Haluk ÖZKARAKAŞ, M.D., Prof.
Levent ERİŞEN, M.D., Prof.
Tamer ERDEM, M.D., Prof.
Ahmet KOÇ, M.D., Prof.
Şenol POLAT, M.D., Assoc. Prof.
Safer Arif ULUBİL, M.D., Assoc. Prof.
Melih Güven Güvenç, M.D., Assoc. Prof.

Gediz Murat SERİN, M.D., Assoc. Prof.
Elif AKSOY, M.D., Assoc. Prof.
İsmet Emrah EMRE, M.D., Instructor

PEDIATRIC SURGERY

K. Latif ABBASOĞLU, M.D., Prof.
Müazzez Çevik, M.D., Prof.

PEDIATRICS

Serap SEMİZ, M.D., Prof.
Cengiz CANPOLAT, M.D., Prof.
Yasemin ALANAY, M.D., Prof.
Metehan ÖZEN, M.D., Prof.
Ender ÖDEMİŞ, M.D., Prof.
Arda SAYGILI, M.D., Prof.
Uğur İŞİK, M.D., Assoc. Prof.
Selda POLAT, M.D., Assoc. Prof.
Arzu AKÇAY, M.D., Assoc. Prof.
N. Müjde ARAPOĞLU, M.D., Assist. Prof.
Ertuğrul ERYILMAZ, M.D., Assist. Prof.
Günseli BOZDOĞAN, M.D., Assist. Prof.
Atalay DEMİREL, M.D., Assist. Prof.
Sibel AKA, M.D., Assist. Prof.
Hasan KILIÇDAĞ, M.D., Assist. Prof.

PHYSICAL MEDICINE AND REHABILITATION

Zeynep GÜVEN, M.D., Prof.
Reyhan ÇELİKER, M.D., Prof.
Şule ARSLAN, M.D., Prof.
Meral BAYRAMOĞLU, M.D., Assoc. Prof.

PHYSIOLOGY

Güldal SÜYEN, M.D., Ph.D., Prof.
Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.
Mehmet ERGEN, Ph.D., Assist. Prof.
Meltem KOLGAZİ, Ph.D., Assist. Prof.

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY

Ferit DEMİRKAN, M.D., Prof.
Şükrü YAZAR, M.D., Prof.
Halil İbrahim CANTER, M.D., Prof.
Mehmet Veli KARAALTIN, M.D., Ph.D., Assoc. Prof.
Çiğdem ÜNAL, M.D., Ph.D., Assoc. Prof.
Kahraman Berkhan YILMAZ, M.D., Assist. Prof.

PSYCHIATRY

Cem İNCESU, M.D., Prof.
Kültegin ÖGEL, M.D., Prof.
Ferhal Utku DOĞAN, M.D., Assist. Prof.

PUBLIC HEALTH

Nadi BAKIRCI, M.D., Ph.D., Prof.
Figen DEMİR, M.D., Assist. Prof.
Yeşim YAŞIN, M.A., M.Sc., Ph.D., Assist. Prof.

PULMONARY DISEASES

Çağlar ÇUHADAROĞLU, M.D., Prof.
Ceyda Erel KIRIŞOĞLU, M.D., Assist. Prof.
Süha ALZAFER, M.D., Instructor
Hilal ALTUNÖZ, M.D., Ph.D., Instructor
Pejman GOLABİ, M.D., Instructor

RADIATION ONCOLOGY

Enis ÖZYAR, M.D., Prof.
Melahat GARİPAĞAOĞLU, M.D., Prof.
Meltem SERİN, M.D., Prof.
Meriç ŞENGÖZ, M.D., Assoc. Prof.
Banu ATALAR, M.D., Assoc. Prof.
Gamze UĞURLUER, M.D., Assist. Prof.
Evrin Kadriye TEZCANLI, M.D., Instructor
Zeynep GÜRAL, M.D., Instructor

RADIOLOGY

Simay ALTAN KARA, M.D., Prof.
Ercan KARAARSLAN, M.D., Prof.
Özlem BARUTÇU SAYGILI, M.D., Prof.
Selma Gül Esen İÇTEN, M.D., Prof.
Alp DİNÇER, M.D., Assoc. Prof.
Ümit AKSOY ÖZCAN, M.D., Assoc. Prof.
Özden Sıla ULUS, M.D., Assist. Prof.
M. Erdem YILDIZ, M.D., Assist. Prof.

SKIN AND VENEREAL DISEASES

Sedef ŞAHİN, M.D., Prof.
Emel Öztürk DURMAZ, M.D., Prof.
İkbal Esen AYDINGÖZ, M.D., Prof.
Engin SEZER, M.D., Prof.
Yasemin SARAY, M.D., Assoc. Prof.
Özgür BAKAR, M.D., Assist. Prof.
Deniz DUMAN, M.D., Assist. Prof.

THORACIC SURGERY

Semih HALEZEROĞLU, M.D., Prof.
Erdal OKUR, M.D., Assoc. Prof.

TURKISH LANGUAGE & LITERATURE

Hülya DÜNDAR ŞAHİN, Ph.D., Assist. Prof.

UROLOGY

Ahmet ŞAHİN, M.D., Prof.
M. Murat ŞAMLI, M.D., Prof.
Saaddettin ESKİÇORAPÇI, M.D., Prof.
Selçuk YÜCEL, M.D., Prof.
Serkan DEVECİ, M.D., Prof.
Mustafa SOFİKERİM, M.D., Assoc. Prof.
İlter TÜFEK, M.D., Assoc. Prof.
Hakan ÖZVERİ, M.D., Assoc. Prof.
Uğur ALTUÇ, M.D., Assoc. Prof.
Bora ÖZVEREN, M.D., Assist. Prof.
Enis Rauf COŞKUNER, M.D., Assist. Prof.
Selçuk KESKİN, M.D., Assist. Prof.
Burak ÖZKAN, M.D., Assist. Prof.
Burak ARGUN, M.D., Assist. Prof.

AFFILIATED FACULTY

ANESTHESIOLOGY AND REANIMATION

Tayfun GÜLER, M.D., Prof.
Alp GURBET, M.D., Assoc. Prof.
Banu Vural GÖKAY, M.D., Instructor
Özgen ILGAZ KOÇYİĞİT, M.D., Instructor
Aslıhan Sanem ÖZATA, M.D., Instructor
Müzeyen İYİĞÜN, M.D., Instructor

BIOINFORMATICS

Sinan FINDIK, MSc., Instructor

CARDIOLOGY

Hakan HASDEMİR, M.D., Assoc. Prof.
Seçkin SATILMIŞ, M.D., Instructor
Z.İrem OKÇULAR, M.D., Instructor

CARDIOVASCULAR SURGERY

Selim AYDIN, M.D., Instructor

CHEMISTRY

Mert ÜLGEN, Ph.D., Prof.

CLINICAL SKILLS

Mehmet Emin AKSOY, M.D., Ph.D., Assist. Prof.
Dilek KİTAPÇIOĞLU, M.D., Instructor
Feray GÜVEN, M.D., Instructor
Erhan SAYALI, M.D., Instructor

EMERGENCY MEDICINE

Cem GÜN, M.D., Instructor
Hasan ALDİNÇ, M.D., Instructor

FAMILY MEDICINE

Efe ONGANER, M.D., Assist. Prof.
Demet DİNÇ, M.D., Instructor
Şirin PARKAN, M.D., Instructor

GENERAL SURGERY

İbrahim BERBER, M.D., Prof.

HEALTHCARE MANAGEMENT

Haluk ÖZSARI, M.D., Assoc. Prof.

HISTOLOGY AND EMBRYOLOGY

Deniz YÜCEL, Ph.D., Assist. Prof.

INTERNAL MEDICINE

Berrin KARADAĞ., M.D., Assoc. Prof.
Özlem ÇELİK, M.D., Assist. Prof.
Özlem Sezgin MERİÇLİLER, M.D., Assist. Prof.

MEDICAL BIOLOGY

Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.
Sinan FINDIK, Instructor

MEDICAL BIOCHEMISTRY

Özge CAN, Ph.D., Assist. Prof.

MEDICAL MICROBIOLOGY

Sesin KOCAGÖZ, M.D., Prof.

MEDICAL INFORMATICS

Beyza AKBAŞOĞLU
Doğan ULUTÜRK
Özge SAGIROGLU
Engin BAYSOY
Burak BAŞAL
Sedat KESMEN
Kaspar ZAKARYAN

MEDICAL PHARMACOLOGY

Filiz ONAT, M.D. Prof.

NEUROLOGY

Yıldız KAYA, M.D., Assist. Prof.

NEUROSURGERY

Müfit KALELİOĞLU, M.D., Prof.

ORTHOPEDICS AND TRAUMATOLOGY

İbrahim KAYA, M.D., Assoc. Prof.
Mustafa SUNGUR, M.D., Assist. Prof.
Okan ÖZKUNT, M.D., Instructor
Kerim SARIYILMAZ, M.D., Instructor

PEDIATRICS

Vildan ERTEKİN, M.D., Prof.
Agop ÇITAK, M.D., Prof.
Fatih ERBEY, M.D., Assoc. Prof.

PHYSICAL MEDICINE AND REHABILITATION

Ayçe ATALAY, M.D., Assoc. Prof.

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY

Umut Sinan ERSOY, M.D., Instructor

PSYCHIATRY

Burcu GÖKSAN YAVUZ, M.D., Assist. Prof.
Elçin ORHAN, M.D., Instructor
Nuray SARP, M.D., Instructor

PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY

Sinan ERSOY, M.D., Instructor

RADIOLOGY

Eşref KIZILKAYA, M.D., Prof.
Kosti Can ÇALIŞKAN, M.D., Assoc. Prof.
Cem Burak KALAYCI, M.D., Instructor
Serap YÜCEL, M.D., Instructor

RADIATION ONCOLOGY

Bilgehan ŞAHİN, M.D., Instructor

SKIN AND VENEREAL DISEASES

Yeliz ERDEMOĞLU, M.D., Instructor

SOCIOLOGY

İnci USER, Ph.D., Assoc. Prof.

THORACIC SURGERY

Ahmet DEMİRKAYA, M.D., Instructor

UROLOGY

Ali Rıza KURAL, M.D. Prof.

OFFICES

FACULTY SECRETARY
Semra ÖZTÜRK



OFFICE OF STUDENT AFFAIRS

Seda TEZKAN (Chief)
Emine KARASU
Hafize GÖZLÜKLÜ
Merve AKBAŞ
Mehmet GÜNEŞ
Ufuk SARIKAYA
Burcu YILDIZ



INTERNATIONAL OFFICE

Begüm ALTINÇAPA

In 2009, Acibadem University received an Erasmus Charter and signed a bilateral agreement with a number of highly respected universities in Europe. In 2013, Acibadem University renewed the charter according to the new regulations of Erasmus+ period (2014-2020). Acibadem University Medical School also had a chair on the Board of Directors for the Erasmus Intensive Program Project (IP) and was honored by hosting a project in 2011. Our students have benefited from the Erasmus Student Mobility Program and have traveled to the countries that ACU has bilateral agreements with. We have also been privileged to see the increase in number of incoming students to Acibadem University School of Medicine and to host them in our university and in Istanbul. Under the Erasmus Teaching Staff Mobility Program, faculty members from different countries, including The Netherlands, Germany, Belgium, Lithuania, and the United Kingdom have visited Acibadem University and have taught according to their individual specialties. Likewise, our own Professors in the Medical School and the School of Health Sciences have made use of the mobility program.

Acibadem University is a modern, dynamic, innovative and thematic university on health sciences. We value the Erasmus Exchange Program as a means to integrate with the contemporary world and aim to expand our list of exchange partners.



LIBRARY

Ayça MAZLUMOĞLU (Coordinator)

Çağdaş GEÇGEL (Librarian)

Öznur DAĞITMAÇ (Librarian)

Aytuğ ÖZTÜRK (Librarian)

Yusuf NAR (Library Staff)

The library facility in Acibadem University welcomes both students and staff in the space of 1000-square meter, with 20 computers, seating capacity for 192 people, 11 group study and project study rooms and a cosy environment.

Resources on medicine and health sciences are classified according to the National Library of Medicine (NLM) Classification System, while Library of Congress (LC) Classification System is used for the resources in the general collection. All printed resources in the library collection can be searched through the library catalog and

all electronic resources can be searched 7/24 through a single interface using EBSCO Discovery Service. The library has approximately 12.000 of book collections and online access to more than 20.000 e-journal and 1.175 e-books via Clinical Key, MEDLINE Complete, CINAHL Complete, EBSCOhost, IEEE, Ovid, Science Direct, Taylor& Francis, Springerlink, Web of Science and Scopus databases. For more details about library resources, services and facilities please visit the library website: <http://library.acibadem.edu.tr>

GENERAL DESCRIPTION OF THE MEDICAL EDUCATION PROGRAM

The education is in English at Acibadem University School of Medicine. Students who are admitted to the medical school must take the English Language Proficiency Examination or present equivalent proof of exam scores (TOEFL, etc.). Students who fail the exam should attend English preparatory class for one year.

Our medical education program features 3 phases:

1. Phase I : Basic and Clinical Sciences; from year 1 to year 3
2. Phase II: Clinical Clerkship; from year 4 to year 5
3. Phase III: Internship (Family Medicine); year 6

- The education is based on an integrated curriculum. In this program, systems within the human body are described from the simplest unit, the cell, to more complex systems including pathologies, in subject committees. The term “Subject committee” means that topics of a given subject like “cell” or “organ systems” are described in a coordinated manner by different departments. These committees contain not only theoretical lectures but also practical studies and modules.
- In Phase I, groups of subject committees form a whole curriculum for a given year. In addition, there are special courses such as Clinical Medicine and Professional Skills (CMPS), Medical Informatics, Biostatistics and Medical Technologies, Interactive Modules, Medical English and Elective Courses.
- Integrated programs within the subject committees provide equal participation of basic and clinical sciences to teach a particular organ system. For example; all aspects of gastrointestinal system are presented with the contributions of both basic sciences (such as anatomy, physiology, biochemistry and microbiology) and clinical sciences (pathology, radiology and internal medicine) during the subject committee on gastrointestinal system. Thus, the courses include both basic information from

basic sciences to clinical aspects of diseases such as pathology, diagnosis, treatment and prevention.

- In Phase I, the curriculum consists of 23 subject committees; 7, 8 and 8 in years 1, 2 and 3, consecutively.
- In Phase I, interactive modules are conducted within the subject committees. The primary objective of these modules is to motivate students to acquire self-directed learning skills. In these modules, students work in small groups under the guidance of a tutor and analyze specific cases related to subject committee in an interactive fashion.
- Clinical Medicine and Professional Skills (CMPS) is a three-year long interdisciplinary program of Phase I. This program is organized by different disciplines and comprised of four main tracks: Clinical and Communicational Skills, Health and Society, Research in Health, and Medical Ethics and Humanities. The CMPS program has been designed as an initial introduction to medical professionalism, providing a tool box of both knowledge and skills. The objectives of this program are to aims to present basic professional skills and competencies of medical students, which are essential for good medical practice, and to enhance their personal and social development through fostering their intellectual skills and humanistic values. A more detailed description of the CMPS Program can be found on the following pages.
- Phase I also includes two important courses on Information Technologies, Biostatistics, Bioinformatics and Biomedical Technologies. Lectures of Information Technologies provide students with basic computer skills and give insight into medical information processing such as coding systems and using of electronic patient records. Lectures of Biostatistics and Bioinformatics provide the basic tools for medical research; these disciplines

help students to classify and evaluate the huge amount of scientific evidence and information produced every year around the world and sort out the relevant information for their own education and research. In the lectures of Biomedical Technologies, students are presented with the basic principles and state-of-the art information of medical diagnostic and therapeutic instruments, which need frequent updating of lectures due to overwhelmingly fast developments on their technologies today. Thus, these courses are expected to inspire innovative ideas in medical students which may bring up new approaches or discoveries in medicine.

- Year 4 and Year 5 are the periods of clinical clerkships and include trainings inside the hospitals and primary care settings. Teaching staff of clinical departments supervise the students to work on a fulltime basis. This clerkship period focuses mainly on history taking, physical examinations and follow-up of patients as well as bedside practice, lectures and seminars.

- Year 6 is the “Family Medicine Period” and lasts twelve months. Here, the students take the responsibility of patient care under the supervision of teaching staff. Clinical rotations are conducted in Internal Medicine, Surgery and Emergency Care, Paediatrics, Gynaecology and Obstetrics, Psychiatry and Public Health. The primary health care and community medicine perspective is incorporated in the training through clinical rotations in family health centres, community health centres and the outpatient clinics of the Department of Family Medicine.

EXAMINATIONS

- Each subject committee of Phase I features at least two mid-committee examinations. Success on CMPS courses are evaluated according to their learning outcomes which may vary due to the educational methods. At the end of each year, a final exam is held featuring all subjects given throughout the year.

- For years 4 and 5, students must attend to theoretical and practical examinations at the end of each clerkship period.

GRADING SYSTEM

- For each year of Phase I, the passing score is calculated by adding 50% of the mean of the committee scores to the 50% of the final examination grade.

- For Phase II, passing grades are calculated by taking the average of clerkship examination grades.

CREDITS

- There are two types of credit systems: Local Credits and European Credit Transfer System credits (ECTS). One theoretical hour or two practical hours per week account for one local credit. At each committee, every 14 theoretical hours or 28 practical hours are assigned to one credit. ECTS credits are calculated according to the workload of students (featuring theoretical, practical hours and study time).

- For further information please consult the “Undergraduate Education” on the official website of the School of Medicine.

CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) PROGRAM

Introduction and General Overview

The CMPS program has been designed as an initial introduction to medical professionalism, providing a knowledge and skills-mix tool box for students during the first three years of medical education. It aims to facilitate basic professional skills and competencies necessary for good medical practice as well as, to enhance personal and social development, fostering intellectual skills and humanistic values. Combined with evidence based bio-medical knowledge, the CMPS program provides the students with all “sine-qua-non”^{*} universal features of a contemporary physician, who is able to blend in with and work in the benefit of any society and any health care system.

The CMPS program consists of four basic courses (*Communication and Clinical Skills, Health and Society, Medical Ethics and Humanities, Research in Health*) which will continue throughout the first three years of undergraduate medical education, with a logical follow up of themes building competencies to complement corresponding curricular topics of the accompanying subject committees. Furthermore, the program features an officially approved certificate course of “First Aid” in year I.

Facilitating effective communication along with scientific and creative thinking, paired with a humanistic approach, the CMPS program creates a solid fundament for a competent and compassionate physician who is aware of the professional responsibilities towards society (community orientation), the patient as a suffering person (communication skills and patient centeredness) and at the same time can attend effectively to the disease as a set of disordered biological processes (clinical problem solving skills paired with a holistic approach).

“Communication and Clinical Skills” Courses:

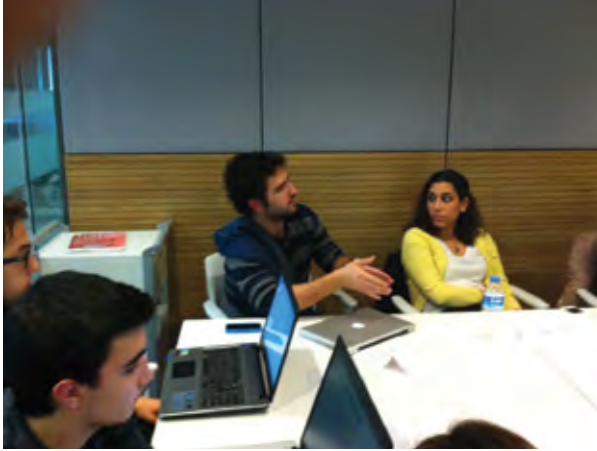
The *“Basic Communication Skills”* course in the first year aims to present an overview about the concept and tools of communication in general and their particular importance in the practice of the medical profession. In the *“Clinical and Communication Skills”* course within the second year, students are required to develop competencies for effective, culture and case-sensitive, person-centered

physician-patient communication fostering their personal and professional growth and complementing the practice based clinical curriculum. Furthermore, this course will provide the students with opportunities to develop competency in history taking and physical examination techniques via simulated patient encounters and training on models, respectively. In the third year, the *“Advanced Communication Skills”* course will foster the students’ ability to master challenging situations requiring specific communication skills like difficult patients, breaking bad news, end of life issues and dealing with cultural diversity. Communication with colleagues (in a medical context) and communication of the physician with society in health education activities and public health campaigns, as well as, scholarly communication (communicating about scientific issues) is also dealt within this course.

“Medical Ethics and Humanities” Courses

The activities within this interdisciplinary course will widen the students’ scope to perceive health as a human right and to develop a proactive responsibility for equity in health respecting bioethical principles. Implementing the range of traditional humanities disciplines-philosophy, history, literature, the arts-paired with ethics, sociology, law and behavioural

sciences into this track, the CMPS Medical Ethics and Humanities courses will provide a creative the development of intellectual skills along with the ability to recognize and solve medical and social problems. This course also highlights the evolution of modern medicine from a historical point of view and provides a practice oriented learning environment to develop and incorporate ethical



decision making skills into the process of clinical reasoning.

“Health and Society” Courses

These courses will provide the students with opportunities to observe the relationship between health, ill health and political, environmental, societal and cultural factors in a community-based setting via early contact with patients and healthy individuals. The students will have the chance to observe and attend primary health care services within the Turkish health care system.

Furthermore, they are required to get an overview on health policy and health systems in different countries enabling them for comparisons.

“Research in Health” Courses

These courses encompass planning and conducting a research project and presentation-publication of the results. Also, the students will gain an overview on evidence based medicine techniques and experience in critical appraisal by peer reviewing



each others’ papers with the aim to complete scientific curiosity with an analytic approach and research know-how.

Finally, at the end of the third year, the CMPS program features a ***“Comprehensive Medical Practice”*** course, where the students will be required to combine basic skills and professional competencies gained during the previous three years to a comprehensive performance in their capacity as future M.D.’s in simulated “real-life medical encounter” situations.



Aims of the Program:

- to provide an overall introduction to the medical profession within an innovative and creative learning environment.
- to provide the link between Professional skills and competences, scientific knowledge, humanist approach and clinical practice of high ethical and clinical standards
- to facilitate the competence of scientific reasoning and to foster the attitude of self directed learning and life-long learning
- to contribute to the aim of undergraduate medical education to produce an efficient health care professional of high scientific and ethical standards (i.e. the physician as a good practitioner, good researcher, good manager, humanist and role model of integrity, honesty and probity)
- to provide community based educational opportunities for learning about social and economic aspects of ill health, health services in the community, and common health and related problems in the community.

Training and Learning Methods:

The CMPS program adopts a student-centred, practice- and community-based and experience based learning approach where the students will be required to actively involve in the learning process at all times. Blended teaching methodology with taskbased and problem-based learning, practical skills laboratory and simulated patient exercises, drama and role play, site visits, group assignments with presentations and discussions, reflective and peer group learning experiences, focus group sessions, literature analyses, and selfdirected learning sessions will be used.

Assessment and Evaluation Methods:

Evaluation methodology will be in accordance with the aims and learning outcomes, as well as, with applied teaching and learning methodologies. Log-books, standardized evaluation of group presentations of assignments and projects or performances, OSCEs (Objective Structured Clinical Examinations) oral and written examinations, structured observation reports, presentation of research projects-results at symposia and/or conferences, published papers, essays, structured feed-back forms will be used for assessment purposes.

Laboratory Facilities:



Multidisciplinary student laboratories

The School of Medicine houses various laboratories equipped with the latest technologies. There are three multi-disciplinary laboratories, located at the third floor of the main building, with a total capacity of 120 students.

The laboratories are equipped with one microscope for every student, all other equipment needed for safety and application of practical courses of biochemistry, physiology, microbiology, biophysics, histology and pathology.

The laboratories are connected to each other by another laboratory where preparations for practical courses take place.

The video conference system connecting the laboratories enable students to follow the same instructions and demonstrations in different laboratories simultaneously.



Language and Computer Laboratories

A Language Computer Laboratory and three Computer Laboratories each having 40 computers. All Computers have high standard hardware and software systems.

Laboratory Asistants

Yusuf Yıldız, (Technician)
Görkem Gün, (Technician)

Yiğit Erdemgil, MSc. (Research assistant)
Yasemin Furtun, MSc. (Research assistant)

Anatomy Laboratory

The Anatomy Laboratory features two cadaver for dissection and a rich collection of anatomic models for demonstration.

Anatomage

The Anatomage table is the most technologically advanced anatomy visualization system for anatomy education which provides both real human anatomy, a wealth of pathological examples, and is available for our medical students.



Dissection Laboratory

Dissection Laboratory

Dissection laboratory is located at floor -1 offers a technologically-advanced environment that allows excellent basic, clinical and surgical anatomy training programs for students, assistants and specialists. All dissection tables are equipped with LCD monitors and tools to make every kind surgical operation possible. Fresh frozen and embalmed cadavers are used for the training sessions.



Research Laboratories

Acıbadem University Research Facility houses a spacious multidisciplinary laboratory as well as individual laboratories devoted to cell culture, molecular biology, microbiology, microscopy, flow cytometry and histopathology. A biosafety level III laboratory, a warm room, cold rooms, washing and sterilization rooms and stock rooms are located on the same floor. Our core facilities can be accessed by researchers at Acıbadem University as well as visiting scientists and collaborators from national /international institutions.

Our medical students are also encouraged to do research in collaboration with our academic staff.



CENTER for ADVANCED SIMULATION and EDUCATION (CASE)

Medical simulation has become a part of the medical education for the last 10 years as a result of the proven benefits of simulation in aviation and with the development of high fidelity medical simulators. Our University intends to educate the students with new training modalities such as blended learning, which combines e-learning, skills training and simulation based training programs. Before applying medical procedures on real patients, our students will be trained by using the medical simulators.

The center for medical simulation and advanced endoscopic surgery training, CASE (Center for Advanced Simulation and Education), will be serving for undergraduate students and medical professionals to improve their medical skills, teamwork and crisis resource management abilities by using multidisciplinary training methods.

Our goal is being a regional leader in medical simulation by using these innovative educational strategies.



Director:

Assist.Prof. Mehmet Emin AKSOY, M.D., Ph.D.



Vice Directors:

Dilek KİTAPÇIOĞLU, M.D.

Feray GÜVEN, M.D.

Erhan SAYALI, M.D.



CASE has three main units:

1. Clinical Simulation Laboratory (4th floor)

This unit is available for the following courses:

Anaesthesia
Emergency Medicine
Nursing Care

Internal Medicine
Pediatrics
Family Medicine

Cardiology
Pneumology
Otolaryngology
Obstetrics&Gynecology



2. Advanced Endoscopic Surgery Training Center (First basement floor):

General Surgery
Neurosurgery
Urology
Cardiovascular Surgery

Orthopedics
Obstetrics&Gynecology
Robotic Surgery



3. Dissection Laboratory

Cadaver based courses are available for

Orthopedics
Neurosurgery
Cardiovascular surgery
ENT
Plastic Surgery

2015-2016 ACADEMIC CALENDAR YEAR 1

FALL SEMESTER

Sept 28, 2015 - Jan 29, 2016

MED 101 – Cellular Basis of Medicine

Sept 28, 2015-Nov 20, 2015

MED103 – Cellular Transport and Metabolism

Nov 23, 2015-Jan 29, 2016

MED 105 – Clinical Medicine and Professional Skills – I

Oct 1, 2015-Jan 18, 2016

MED 107 – Medical Informatics and Biostatistics

Oct 1, 2015-June 3, 2016

ENG 101 - Medical English-I

Oct 2, 2015- Jan 15, 2016

ELE 101 - Elective Course- I

Oct 6, 2015- Jan 12, 2016

TUR 101 - Turkish Language and Literature

Sept 30, 2015- Jan 13, 2016

ATA 101 - Atatürk Principles and History of Revolution

Oct 5, 2015- Jan 11, 2016

Midyear Recess

Feb 1-12, 2016

SPRING SEMESTER

Feb 15, 2015 - June 10, 2016

MED 104 - From Cell to Tissue / Tissue to Organ

Feb 15 - Apr 8, 2016

MED 106 - Body Functions and Human Behavior

Apr 11 - June 10, 2016

MED 108 - Clinical Medicine and Professional Skills - II

Feb 18 - May 16, 2016

ENG 102 - Medical English-II

Feb 15- May 27, 2016

ELE 102 - Elective Course- II

Feb 16- May 24, 2016

TUR 102 - Turkish Language and Literature

Feb 17- May 25, 2016

ATA 102 - Atatürk Principles and History of Revolution

Feb 15- May 23, 2016

Final Examination

July 11, 2016

Make up Examination

August 10, 2016

Holidays

October 29, 2015 (Republic Day)

January 1, 2016 (New Year's Day)

April 23, 2016 (National Sovereignty and Children's Day)

May 1, 2016 (Labor and Solidarity Day)

May 19, 2016 (Commemoration Atatürk, Youth and Sports Day)

2015-2016 ACADEMIC CALENDAR YEAR 2

FALL SEMESTER

Sept 28, 2015 - Jan 29, 2016

MED 201 - Cell and Tissue Injury: Homeostasis

Sep 28 - Oct 26,2015

MED 203 - Cell and Tissue Injury: Infection and Neoplasia

Nov 2 - Dec 25,2015

MED 205 - Hematopoietic System and Related Disorders

Dec 28 - Jan 29,2016

MED 207 - Clinical Medicine and Professional Skills-III

Sep 29 - Jan 28,2016

MED 209 - Medical Informatics and Biomedical Technologies-I

Nov 4 - June 6,2016

ENG 201- Medical English-III

Sep 7-Jan 21, 2016

ELE 201- Elective Course-III

Sep 8 –Jan 14, 2016

Midyear Recess

Feb 1-12, 2016

SPRING SEMESTER

Feb 15 - June 10, 2016

MED 206 - Musculoskeletal System and Related Disorders

Feb 15 - Apr 15,2016

MED 208 - Respiratory System and Related Disorders

Apr 18 - June 10,2016

MED 210 - Clinical Medicine and Professional Skills-IV

Feb 23 - June 06,2016

ENG 202- Medical English-IV

Feb 18-June 1, 2016

ELE 202- Elective Course-IV

Feb 19-May 26, 2016

Final Examination

July 12, 2016

Make up Examination

August 11, 2016

Holidays

October 29, 2015 (Republic Day)

January 1, 2016 (New Year's Day)

April 23, 2016 (National Sovereignty and Children's Day)

May 1, 2016 (Labor and Solidarity Day)

May 19, 2016 (Commemoration Atatürk, Youth and Sports Day)

2015-2016 ACADEMIC CALENDAR YEAR 3

FALL SEMESTER

MED 303 - Cardiovascular System and Related Disorders

Sept 28, 2015 - Feb 05, 2016

Sept 28 - Nov 2, 2015

MED 305 - Nervous System and Related Disorders

Nov 3 - Dec 28, 2015

MED 307 - Growth, Development and Endocrine Disorders

Dec 29, 2015 - Feb 5, 2016

MED 309 - Clinical Medicine and Professional Skills-V

Oct 7, 2015 - Feb 1, 2016

MED 311 - Medical Informatics and Biomedical Technologies-II

Oct 9, 2015 - June 3, 2016

ENG 301 - Medical English-V

Oct 6, 2015 - Jan 26, 2016

Midyear Recess

Feb 8 - 19, 2016

SPRING SEMESTER

Feb 22 - June 10, 2016

MED 304 - Gastrointestinal System, Metabolism and Related Disorders

Feb 22 - Apr 11, 2016

MED 306 - Urogenital System and Related Disorders

Apr 12 - June 10, 2016

MED 308 - Clinical Medicine and Professional Skills-VI

Feb 24 - June 1, 2016

ENG 302 - Medical English-VI

Feb 23 - May 24, 2016

Final Examination

July 13, 2016

Make up Examination

August 12, 2016

Holidays

October 29, 2015 (Republic Day)

January 1, 2016 (New Year's Day)

April 23, 2016 (National Sovereignty and Children's Day)

May 1, 2016 (Labor and Solidarity Day)

May 19, 2016 (Commemoration Atatürk, Youth and Sports Day)

2015-2016 ACADEMIC CALENDAR YEAR 4

MED 401 - Internal Medicine

Gruop A : Aug 31 - Nov 13, 2015

Gruop B : Nov 16 - Jan 29, 2016

Gruop C : Feb 1 - Apr 15, 2016

Gruop D : Apr 18 - July 1, 2016

MED 402 - Surgery

Gruop D : Aug 31 - Nov 6, 2015

Group A : Nov 16 - Jan 22, 2016

Gruop B : Feb 1 - Apr 8, 2016

Gruop C : Apr 18 - Jun 24, 2016

MED 403 - Pediatrics and Pediatric Surgery

Gruop C : Aug 31 - Oct 20, 2015

Gruop D : Nov 16 - Jan 5, 2016

Gruop A : Feb 1 - Mar 22, 2016

Gruop B : Apr 18 - Jun 7, 2016

MED 404 - Obstetrics and Gynecology

Gruop B : Aug 31 - Nov 13, 2015

Gruop C : Nov 16 - Jan 29, 2016

Gruop D : Feb 1 - Apr 15, 2016

Gruop A : Apr 18 - July 01, 2016

MED 405 - Urology

Gruop B : Oct 21 - Nov 06, 2015

Gruop C : Jan 6 - Jan 22, 2016

Gruop D : Mar 2 - Apr 08, 2016

Gruop A : Jun 8 - Jun. 24, 2016

2015-2016 ACADEMIC CALENDAR YEAR 5

MED 501 - Neurology

Group A: Aug 03 - Sep 25, 2015
Group E: Oct 19 - Nov 13, 2015
Group B: Nov 16 - Dec 11, 2015
Group D: Jan 04 - Jan 29, 2016
Group C: Feb 29 - Mar 25, 2016
Group F: Apr 18 - May 13, 2016

MED 502 - Neurosurgery

Group E: Aug 31 - Sep 25, 2015
Group A: Sep 28 - Oct 23, 2015
Group D: Nov 16 - Dec 11, 2015
Group B: Dec 14 - Jan 08, 2016
Group F: Feb 29 - Mar 25, 2016
Group C: Mar 28 - Apr 22, 2016

MED 503 - Psychiatry

Group E: Sep 28 - Oct 16, 2015
Group A: Oct 26 - Nov 13, 2015
Group D: Dec 14 - Jan 01, 2016
Group B: Jan 11 - Jan 29, 2016
Group F: Mar 28 - Apr 15, 2016
Group C: Apr 25 - May 13, 2016

MED 504 - Otolaryngology - Head and Neck Surgery

Group C: Aug 31 - Sep 18, 2015
Group F: Oct 12 - Oct 30, 2015
Group A: Nov 16 - Dec 04, 2015
Group E: Dec 28 - Jan 15, 2016
Group B: Feb 29 - Mar 18, 2016
Group D: Apr 11 - Apr 29, 2016

MED 505 - Ophthalmology

Group C: Sep 21 - Oct 02, 2015
Group F: Nov 02 - Nov 13, 2015
Group A: Dec 07 - Dec 18, 2015
Group E: Jan 18 - Jan 29, 2016
Group B: Mar 21 - Apr 01, 2016
Group D: May 02 - May 13, 2016

MED 506 - Dermatology

Group F: Aug 31 - Sep 18, 2015
Group C: Oct 05 - Oct 23, 2015
Group E: Nov 16 - Dec 04, 2015
Group A: Dec 21 - Jan 08, 2016
Group D: Feb 29 - Mar 18, 2016
Group B: Apr 04 - Apr 22, 2016

MED 507 - Radiology

Group F: Sep 21 - Oct 09, 2015
Group C: Oct 26 - Nov 13, 2015
Group E: Dec 07 - Dec 25, 2015
Group A: Jan 11 - Jan 29, 2016
Group D: Mar 21 - Apr 08, 2016
Group B: Apr 25 - May 13, 2016

**MED 508 - Orthopedics and Traumatology and
Physical Medicine and Rehabilitation**

Group B: Aug 31 - Oct 02,2015
Group D: Oct 12 - Nov 13, 2015
Group C: Nov 16 - Dec 18,2015
Group F: Dec 28 - Jan 29,2016
Group A: Feb 29 - Apr 01,2016
Group E: Apr 11 - May 13,2016

MED 509 - Forensic Medicine

Group FM1: Feb 01 - Feb 12, 2016
Group FM2: Feb 15 - Feb 26, 2016

Elective Clerkship - 1

Group D: Aug 31 - Sep 18, 2015
Group B: Oct 05 - Oct 23,2015
Group F: Nov 16 - Dec 04, 2015
Group C: Dec 21 - Jan 08,2016
Group E: Feb 29 - Mar 18,2016
Group A: Apr 04 - Apr 22,2016

Elective Clerkship - 2

Group D: Sep 21 - Oct 09, 2015
Group B: Oct 26 - Nov 13,2015
Group F: Dec 07 - Dec 25, 2015
Group C: Jan 11 - Jan 29,2016
Group E: Mar 21 - Apr 08,2016
Group A: Apr 25 - May 13,2016

Elective Clerkship - 3

Group A: May 16 - Jun 03, 2016
Group B: May 16 - Jun 03, 2016
Group C: May 16 - Jun 03, 2016
Group D: May 16 - Jun 03, 2016
Group E: May 16 - Jun 03, 2016
Group F: May 16 - Jun 03, 2016

2015-2016 ACADEMIC CALENDAR YEAR 6

MED 609 - Simulated Clinical Practice

Group D: Jun 29 - Jul 05,2015
Group A: Jul 27 - Aug 02,2015
Group B: Aug 24 - Aug 30, 2015
Group C: Sep 21 - Sep 27, 2015

MED 601 - Internal Medicine

Group B: Jun 29 - Aug 23, 2015
Group D: Sep 28 - Nov 22,2015
Group C: Dec 21 - Feb 14, 2016
Group A: Mar 14 - May 08, 2016

Med 602 - General Surgery

Group D: Aug 31 - Sept 27, 2015
Group B: Nov 23 - Dec 20, 2015
Group A: Feb 15 - Mar 13, 2016
Group C: Apr 11 - May 08, 2016

MED 603 - Pediatrics

Group A: Aug 03 - Sept 27, 2015
Group C: Oct 26 - Dec 20, 2015
Group D: Dec 21 - Feb 14, 2016
Group B: Mar 14 - May 08, 2016

MED 604 - Obstetrics and Gynecology

Group A: June 29 - Jul 26, 2015
Group B: Aug 31 - Sept 27, 2015
Group C: Sept 28 - Oct 25, 2015
Group D: Nov 23 - Dec 20, 2015

MED 605 - Psychiatry

Group C: Aug 24 - Sept 20, 2015
Group A: Nov 23 - Dec 20, 2015
Group B: Feb 15 - Mar 13, 2016
Group D: Apr 11 - May 08, 2016

MED 606 - Community Health and Primary Care

Group C: June 29 - Aug 23, 2015
Group A: Sept 28 - Nov 22, 2015
Group B: Dec 21 - Feb 14, 2016
Group D: Feb 16 - Apr 10, 2016

MED 607 - Emergency Medicine

Group D: Jul 06 - Aug 30, 2015
Group B: Sept 28 - Nov 22, 2015
Group A: Dec 21 - Feb 14, 2016
Group C: Feb 15 - Apr 10, 2016

MED 610 - Electives Clerkship

Group A: May 09 - Jun 26, 2016
Group B: May 09 - Jun 26, 2016
Group C: May 09 - Jun 26, 2016
Group D: May 09 - Jun 26, 2016

Holidays

October 29, 2015 (Republic Day)

January 1, 2016 (New Year's Day)

April 23, 2016 (National Sovereignty and Children's Day)

May 1, 2016 (Labor and Solidarity Day)

May 19, 2016 (Commemoration Atatürk, Youth and Sports Day)



ACIBADEM
UNIVERSITY

MEDICAL EDUCATION PROGRAM OUTLINE

YEAR 1				
SUBJECT COMMITTEES	INTRODUCTION TO BASIC MEDICAL SCIENCES			
	Cellular Basis of Medicine	Cellular Transport and Metabolism	From Cell to Tissue/ From Tissue to Organ	Body Functions and Human Behavior
	CLINICAL MEDICINE AND PROFESSIONAL SKILLS I-II			
	Basic Communication Skills	Medical Ethics and Humanities	Health and Society	Research in Health
	MEDICAL INFORMATICS AND BIOSTATISTICS			
	Information Technologies	Biostatistics	Bioinformatics	
OTHER COURSES	MEDICAL ENGLISH ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION TURKISH LANGUAGE AND LITERATURE ELECTIVE COURSES			

YEAR 2					
SUBJECT COMMITTEES	THE HUMAN BODY: STRUCTURES, FUNCTIONS AND PATHOLOGIES				
	Cell and Tissue Injury Homeostasis	Cell and Tissue Injury Infection and Neoplasia	Hematopoietic System and Related Disorders	Musculoskeletal System and Related Disorders	Respiratory System and Related Disorders
	CLINICAL MEDICINE AND PROFESSIONAL SKILLS III - IV				
	Research in Health	Clinical and Communication Skills	Medical Ethics and Humanities	Health and Society	
	MEDICAL INFORMATICS AND BIOMEDICAL TECHNOLOGIES-I				
	Biomedical Technologies	Information Technologies			
OTHER COURSES	MEDICAL ENGLISH ELECTIVE COURSES				

YEAR 3					
THE HUMAN BODY : STRUCTURES, FUNCTIONS AND PATHOLOGIES					
SUBJECT COMMITTEES	Cardiovascular System and Related Disorders	Nervous System and Related Disorders	Growth Development and Endocrine Disorders	Gastrointestinal System, Metabolism and Related Disorders	Urogenital System and Related Disorders
	CLINICAL MEDICINE AND PROFESSIONAL SKILLS V-VI				
	Evidence Based Medicine	Advanced Communication Skills	Practice in Primary Healthcare	Health Economics Systems and Policy	Comprehensive Medical Practice
	MEDICAL INFORMATICS AND BIOMEDICAL TECHNOLOGIES - II				
	Bioinformatics	Biomedical Technologies	Information Technologies		
OTHER COURSES	MEDICAL ENGLISH				

YEAR 4				
CLERKSHIPS: DIAGNOSIS AND THERAPY				
Internal Medicine	Surgery	Pediatrics and Pediatric Surgery	Obstetrics and Gynecology	Urology

YEAR 5				
CLERKSHIPS: DIAGNOSIS AND THERAPY				
Neurology	Neurosurgery	Psychiatry	OHNS	Ophthalmology
Dermatology	Radiology	Orthopedics and PMR		Forensic Medicine

PMR: Physical Medicine and Rehabilitation
OHNS: Otolaryngology, Head and Neck Surgery

YEAR 6				
INTERNSHIP				
Simulated Clinical Practice	Obstetrics and Gynecology	Pediatrics	Community health and Primary Care	Psychiatry
Emergency Medicine	General Surgery	Internal Medicine		



2015

EYE

1

YEAR 1 COURSE CREDITS

COURSES	Theoretical Hours			Practical Hours			Study Time	Total	National credits	ECTS
	Lectures	IALS	Sub-Total	Lab study	Field study	Sub-Total				
Cellular Basis of Medicine	74	0	74	10	0	10	96	180	6	7
Cellular Transport and Metabolism	71	5	76	10	0	10	92	178	6	7
From Cell to Tissue / From Tissue to Organ	82	8	90	13	0	13	90	193	7	7
Body Functions and Human Behavior	88	0	88	21	0	21	100	209	7	8
Clinical Medicine and Professional Skills-I	30	20	50	11	0	11	100	161	4	6
Clinical Medicine and Professional Skills-II	12	25	37	0	9	9	110	156	3	6
Medical Informatics and Biostatistics	58	0	58	68	0	68	50	171	7	7
Medical English-I	20	0	20	40	0	40	20	80	3	3
Medical English-II	20	0	20	40	0	40	20	80	3	3
Atatürk's Principles and History of Revolution-I	28	0	28	0	0	0	5	33	2	1
Atatürk's Principles and History of Revolution-II	28	0	28	0	0	0	5	33	2	1
Turkish Language and Literature-I	28	0	28	0	0	0	5	33	2	1
Turkish Language and Literature-II	28	0	28	0	0	0	5	33	2	1
Elective Course-I	28	0	28	0	0	0	5	33	2	1
Elective Course-II	28	0	28	0	0	0	5	33	2	1
TOTAL	623	58	681	213	9	222	708	1611	58	60

IALS Interactive Learning Sessions (Panels, debates, discussions, symposia, case studies, problem-based learning sessions, etc.)

Field Study Site visits, Studies in the community, Working in health facilities

Lab Study Clinical skills labs, Basic sciences labs, Computer labs, Performance sessions

Study Time Self Directed Learning, Preparation

YEAR 1 COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	74	Credit	ECTS
			Practical (Hour)	10		
Cellular Basis of Medicine	MED 101	Fall	Study time (Hour)	96	6	7
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr					
Committee Chairs	Assoc. Prof. Melike ŞAHİNER; melike.sahiner@acibadem.edu.tr Assist. Prof. Erdal COŞGUN; erdal.cosgun@acibadem.edu.tr					
Academic Units & Staff	<p>Behavioral Sciences Ferhal UTKU DOĞAN, M.D., Assist. Prof.</p> <p>Biophysics Beki KAN, Ph.D., Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Chemistry Mert ÜLGEN., Ph.D., Prof. Beste KINIKOĞLU, Ph.D., Assist. Prof.</p> <p>Histology & Embryology Serap ARBAK, Ph.D., Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry Aysel ÖZPINAR, D.V.M. Ph.D., Prof. Abdurrahman COŞKUN, M.D., Prof.</p> <p>Medical Biology Deniz AĞIRBAŞLI, M.D. Ph.D., Assist. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Beste KINIKOĞLU, Ph.D., Assist. Prof.</p> <p>Physics Evren KILINÇ, Ph.D., Assist. Prof.</p> <p>Affiliated Faculty Engin YILMAZ, Ph.D., Prof.</p>					
Course Date	28.09.2015-20.11.2015					
Educational Methods	Theoretical Lectures and Lab Study					
Assessment Methods	Theoretical and practical examinations					
Course Aims	This subject committee aims to provide necessary knowledge about the functional structure of a cell including its building blocks and organelles. DNA replication processes and cell division will be explained. Basic information about the origin of life, heredity together with flow of genetic information, molecular basis of genetic diseases, and principles of gene therapy will be described. Biology and genetics of human behavior will be discussed. Principles of chemistry, biophysics and biochemistry in medicine will be also defined.					

Learning Outcomes	<p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none">· review basic information and theories about the cellular organizations that constitute life at molecular level· discuss the discovery, mechanisms and evidences of evolution· summarize the history of DNA discovery and describe the structure of DNA and RNA· define the cell at ultrastructural level· correlate and interpret organelle ultrastructure and its function· identify and compare the structural elements of different cells· explain the cell division process, identify and compare mitosis & meiosis· recognize the gene organization, structure and function· explain biological process of DNA replication and recombination process· classify DNA damage and identify DNA repair mechanisms· explain the basic principles of DNA packaging, chromatin formation and maintenance· discuss control of cell cycle and molecular mechanisms of apoptosis· describe the basic principles of flow of genetic information· explain the principles of clinical cytogenetics, patterns of inheritance, Mendelian and Non-Mendelian Genetics including population genetics· distinguish and define mutations and polymorphisms including classification of different types· explain the molecular basis of genetic diseases including chromosomal anomalies· recognize tools of molecular biology and genetics used in medicine· observe and isolate human genomic DNA from whole blood and check it on agarose gel· characterize genetics of cancer cells and state the importance of oncogenes, tumor suppressor genes and two-hit hypothesis in cancer· discuss pharmacogenetics and explain basic principles of gene therapy with examples· summarize the biology and genetics of human behavior· indicate the connections of biophysics with other branches of science· give examples to important contributions of biophysics to medicine· define atom, element, molecule and matter· describe the properties of different types of bonds· explain the basic laws of one and two-dimensional movements and also define the physical units and measurements· describe acids, bases, salts, ionization and pH· recognize metals and non-metals in living organisms· classify bonds and properties of inorganic and organic compounds· explain concentration units and important analytical calculations and role of functional groups in medicine· explain the importance of radioactivity in medicine· define chemical reactions of important organic molecules in medicine and effects of these molecules in living organisms· describe the basic principles of medical biochemistry
--------------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	67	Credit	ECTS
			Practical (Hour)	10		
Cellular Transport and Metabolism	MED 103	Fall	Study time (Hour)	92	6	7
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr					
Committee Chairs	Assist. Prof. Evren KILINÇ; evren.kilinc@acibadem.edu.tr Assist. Prof. Beste KINIKOĞLU; beste.kinikoglu@acibadem.edu.tr					
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor</p> <p>Biophysics Beki KAN, Ph.D., Prof. Evren KILINÇ, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Chemistry Mert ÜLGEN., Ph.D., Prof. Beste KINIKOĞLU, Ph.D., Assist. Prof</p> <p>Medical Biochemistry İbrahim ÜNSAL, M.D., Ph.D., Prof. Muhittin SERDAR, M.D., Prof. Abdurrahman COŞKUN, M.D., Prof.</p> <p>Medical Biology Deniz AĞIRBAŞLI, M.D. Ph.D., Assist. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Beste KINIKOĞLU, Ph.D., Assist. Prof</p> <p>Physics Evren KILINÇ, Ph.D., Assist. Prof.</p> <p>Physiology Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof.</p>					
Course Date	23.11.2015-29.01.2016					
Educational Methods	Theoretical lectures, problem based learning modules, lab and field study					
Assessment Methods	Theoretical and practical examinations					
Course Aims	The aim of this committee is to lay the grounds for understanding the structure of biological macromolecules, the physical and functional properties of the cell membrane, transport mechanisms, cellular homeostasis, metabolic pathways within the cell and cellular signaling, using an interdisciplinary and molecular approach. Topics related to, the mitochondrial genome, recombinant DNA technology, the human genome project, as well as basic concepts of electricity and thermodynamics will be presented. Students will also be informed on the philosophy and methodology of interactive learning modules.					

Learning Outcomes	<p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none">· define homeostasis, name the major homeostatic functional systems of the body and state reactions to maintain homeostasis· give an outline of endogenous organic compounds in the body· describe the structure of biological membranes and their components· indicate the properties and functions of membrane proteins· describe the physical principles of movement of molecules across membranes· review signaling mechanisms within and among cells and basic principles of specificity for receptors and messengers.· list properties of electric charges, insulators, conductors· define Coulomb's Law and use formulae in solving problems· describe the electrical potential due to point charges and electric dipole· name factors that affect the resting membrane potential· describe basic principles of transport of molecules and ions across membranes using energy· explain the generation and phases of the action potential· describe propagation of the action potential by passive spread· state the properties of the mitochondrial genome and inheritance, define mitochondrial disorders· explain the basics of recombinant DNA technology and its diagnostic and therapeutic implications· discuss the aims and outcomes of the human genome project and its implications in medicine· describe the structure and nomenclature of carbohydrates, proteins and lipids and their physiologic significance· describe the units of electric circuit and its properties· acquire knowledge on the flow of energy in nature and the laws of thermodynamics· describe concepts and principles relating to the second law of thermodynamics.· explain the resting state electrochemical potentials and Nernst equilibrium potential of the membrane· illustrate how energy yielding reactions are driven· gain an overview of the energetics of glycolysis and oxidative phosphorylation· discuss the concept of Gibbs free energy and thermodynamic properties of water· acquire basic laboratory skills and observe separation and purification techniques of organic compounds· define in general the functions and locations of the human organs· define the principles of organization of simple and complex genomes, exemplify disease conditions.
--------------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	50	Credit	ECTS
			Practical (Hour)	11		
Clinical Medicine and Professional Skills -I	MED 105	Fall	Study Time (Hour)	100	4	6
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr					
CMPS Coordinators	Assist. Prof. Figen DEMİR; figen.demir@acibadem.edu.tr Assoc. Prof. Pınar TOPSEVER; pinar.topsever@acibadem.edu.tr					
Academic Units & Staff	<p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D., Instructor.</p> <p>History of Medicine and Ethics Yeşim Işıl ÜLMAN, Ph.D., Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D., Prof. Figen DEMİR, M.D., M.Sc, Assist. Prof. Yeşim YASİN, M.A., M.Sc., Ph.D., Assist. Prof.</p> <p>Affiliated Faculty Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN, M.D., Instructor Dilek Kitapçioğlu, M.D., Instructor Ferah Güven, M.D., Instructor</p>					
Course Date	01.10.2015-18.01.2016					
Educational Methods	Theoretical and practical sessions, drama, role playing, peer discussions, experiential learning and seminars, case studies and group presentations, skills training with models and task trainers.					
Assessment Methods	Written examination, case analysis, standardized evaluation of projects and performances and group presentations of assignments.					
Course Aims	<p>This course aims to;</p> <p>Communication Skills provide necessary knowledge and skills about;</p> <ul style="list-style-type: none"> · concept of communication · effective communication and its clinical competence · developing a sense of self awareness and respect for other individuals by empathy · understanding the necessity to adopt a patient centered approach <p>Medical Ethics and Humanities create a learning opportunity for students to:</p> <ul style="list-style-type: none"> · 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 <p>First Aid create a learning opportunity for students to:</p> <ul style="list-style-type: none"> · gain competence in basic life support and first aid 					

<p>Learning Outcomes</p>	<p>By the end of this course, the students will;</p> <p>Communication Skill</p> <ul style="list-style-type: none"> · be aware that effective communication is a clinical competence and can be learned · explain the concept of communication · distinguish different levels of active listening, · name the steps of communication process during medical interview, · be aware of the importance of communication skills for “good clinical practice” · link communication steps to a structured and effective physician-patient interview · 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 <p>Medical Ethics and Humanities</p> <ul style="list-style-type: none"> · be 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 <p><i>History of Medicine:</i></p> <ul style="list-style-type: none"> · identify the role and functions of physicians in health care throughout the ages · explain the historical milestones of the evolution of medicine such as: <ul style="list-style-type: none"> o hippocratic secular approach, o establishment of first medical schools, o progress of physical diagnosis, o the emergence of public health, o development of the scientific method and its impact on modern medicine <p><i>Physician’s role in community:</i></p> <ul style="list-style-type: none"> · 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 <p>First Aid</p> <ul style="list-style-type: none"> · be able to explain the principles of first aid · be able to administer basic life support techniques
---------------------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	58	Credit	ECTS
			Practical (Hour)	68		
Medical Informatics and Biostatistics	MED 107	Fall/Spring	Study Time (Hour)	50	7	7
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr					
Course Coordinators	Prof. Dr. Uğur SEZERMAN; ugur.sezerman@acibadem.edu.tr Assist. Prof. Erdal COŞGUN; erdal.cosgun@acibadem.edu.tr Inst. Engin BAYSOY; engin.baysoy@acibadem.edu.tr					
Academic Units & Staff	<p>Information Technologies Engin BAYSOY Beyza AKBAŞOĞLU Sedat KESMEN Kaspar ZAKARYAN Doğan ULUTÜRK Özge SAĞIROĞLU</p> <p>Biostatistics Erdal COŞGUN, Ph.D., Assist. Prof.</p> <p>Bioinformatics Uğur SEZERMAN, Ph.D., Prof.</p>					
Course Date	01.10.2015-03.06.2016					
Educational Methods	Lectures, Presentations, Projects and Applications in Laboratory.					
Assessment Methods	Projects, Homeworks and Exams					
Course Aims	<ul style="list-style-type: none"> · The first part of the course aims to provide necessary knowledge about fundamental Microsoft Office programs in order to learn how to prepare formal documents, presentations and data sheets. Beside these, course incorporates information about some medical software technologies used in healthcare. These software systems are clinical information systems, imaging information systems, electronic patient information software programs like Medula and Cerebral. · The second part of the course aims at introducing basic statistical concepts, descriptive statistics, sampling, hypothesis testing , correlation and basic regression analysis. The course also aims at providing basic programming concepts of R language, data manipulation and analysis using R, usage of functions with R and also analysis of medical data with R. · The last part of the course aims 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	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none">· explain details of how to use different office programs like Office Word 2010, Office PowerPoint 2010, and Office Excel 2010, necessary for both academic and business careers.· define patient data management and transfers in healthcare by using software technologies like HIS, RIS, PACS, Medula and Cerebral.· describe basic statistical concepts· apply descriptive statistics· define sampling· state building and carrying out the hypothesis testing.· make use of correlation and regression analysis· use R language· test for statistical analysis using R· use graphics functions in R· real medical data analysis with R· define impact of mutations· analyze local, semi global and global sequence alignments and interpret the results· perform Fast database search· Obtain genome sequences using fragment assembly· design physical mapping of DNA· perform Phylogenetics analysis· build DNA and protein sequence profiles and use them in relation to disease diagnostics· define state of the art bioinformatics databases, tools and servers
-------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	90	Credit	ECTS
			Practical (Hour)	13		
From Cell to Tissue /From Tissue to Organ	MED 104	Spring	Study time (Hour)	90	7	7
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr					
Committee Chairs	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Instructor, Sinem Öktem OKULLU; sinem.oktem@acibadem.edu.tr					
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor</p> <p>Histology & Embryology Serap ARBAK, Ph.D., Prof.. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Infectious Disease Sesin KOCAGÖZ, M.D., Prof.</p> <p>Medical Biochemistry Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Abdurrahman COŞKUN, M.D., Prof. Fehime BENLİ AKSUNGAR, M.D., Assoc. Prof.</p> <p>Medical Microbiology Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Özgür KURT, M.D., Ph.D., Prof. Onur KARATUNA, M.D., Assist. Prof.</p> <p>Physiology Güldal SÜYEN, M.D., Ph.D., Prof.</p>					
Course Date	15.02.2016-08.04.2016					
Educational Methods	Theoretical lectures and lab study, problem based learning modules					
Assessment Methods	Theoretical and practical examinations, performance assessment.					
Course Aims	<p>The aim of this committee is to give an overview on the anatomy and the physiology of basic systems of the body and the neuronal signaling mechanisms. The course will also provide basic knowledge about the different tissue types in the organism and histological features of cells forming these tissues, and will cover gametogenesis and an introduction to embryology. The biochemical thermodynamics and high energy compounds in the living systems, and the structure of proteins, carbohydrates and lipids and their metabolism in the body will be discussed. General structure of microorganisms will also be defined.</p> <p>Students will be oriented to problem-based learning by an interdisciplinary module related to the main topics of the subject committee.</p>					

Learning Outcomes

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

- define the general histological structures of different tissue types such as epithelial, connective, muscle and nervous tissues.
- list different types of epithelium, connective, bone and cartilage, muscle, nervous tissues, skin and adnex and describe their histological features and make correlations between their functions.
- describe the induction mechanisms in embryology
- explain the embryonic, extraembryonic and adult stem cell types
- describe the process of the gametogenesis, maturation of the sperms and oocytes, outline the processes of fertilization and implantation, distinguish the morphological features in bilaminar and trilaminar embryonic stages, define the neurulation and its inductive effect of notochord on surface ectoderm
- describe the histological features of placenta, the developmental stages of yolk sac and its derivatives
- acquire knowledge concerning the congenital anomalies that occur during developmental process.
- define neuromuscular junction and describe the sequences of events occurring at the neuromuscular junction following a stimulus.
- define the synapse and name its components and recite and name the sequences of events occurring at the synapse following a stimulus.
- define excitation and inhibition of nerves, and their effect on capability of neurons to generate action potential.
- state three major levels of information processing in central nervous system (spinal cord level, subcortical level and cortical level).
- define neurotransmitter and state mechanisms that regulate the duration of the neurotransmission.
- explain the main visceral functions of sympathetic and parasympathetic systems.
- discuss the role autonomic nervous system in maintenance of homeostasis.
- describe endergonic and exergonic reactions and identify the oxidation and reduction in biochemical reactions.
- recognize the structure and function of ATP and other high energy compounds, and describe the relationship between ATP and the work carried out by the cell.
- define membrane potential and explain its role in ATP synthesis and thermogenesis.
- summarize glucose transport, transporters and transport mechanisms
- describe the structure and function of glycogen, outline the metabolic pathways for synthesis and degradation of glycogen and identify the glycogen storage diseases in liver and muscle.
- describe how the TCA cycle is regulated.
- describe the mechanism for counterregulation of glycogenolysis and glycogenesis in liver.
- explain the functions of metabolism and discuss metabolic pathways
- classify various microorganisms with their basic structural properties.
- demonstrate upper and lower extremity bones
- recognize, prepare, and argue about interdisciplinary module

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	88	Credit	ECTS
			Practical (Hour)	21		
Body Functions and Human Behavior	MED 106	Spring	Study Time (Hour)	100	7	8
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr					
Committee Chairs	Assist. Prof. Fatih Artvinli; fatih.artvinli@acibadem.edu.tr Assist. Prof. Yeşim Yasin; yesim.yasin@acibadem.edu.tr					
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor</p> <p>Behavioral Sciences Fatih ARTVINLİ, Ph.D., Assist. Prof. Ferhal UTKU DOĞAN, M.D., Assist. Prof.</p> <p>Biophysics Beki KAN, Ph.D., Prof. Evren KILINÇ, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Histology & Embryology Serap ARBAK, Ph.D., Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry Mustafa SERTESER, M.D., Prof. Abdurrahman COŞKUN, M.D., Prof. Fehime BENLİ AKSUNGAR, M.D., Assoc. Prof.</p> <p>Physics Evren KILINÇ, Ph.D., Assist. Prof.</p> <p>Physiology Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof. Meltem KOLGAZİ, Ph.D., Assist. Prof.</p> <p>Affiliated Faculty Yeşim KORKUT, Ph.D. Prof. İlyas GÖZ, Ph.D. Assoc. Prof. Esra BAL, M.D., Ph.D., Assist. Prof.</p>					
Course Date	11.04.2016-10.06.2016					
Educational Methods	Theoretical Lectures and Lab Study					
Assessment Methods	Theoretical and practical examinations,					
Course Aims	The aim of this committee is to provide necessary knowledge about nervous and endocrine systems. The development of nervous system and endocrine organs will be explained along with the main sensory organs, eye and ear. The structure and function of sensory and endocrine systems will be defined. The whole human body skeleton will be explained. Biochemical and biophysical characteristics of nervous system will be explained. Biochemical importance of some tissues; epithelial, connective and adipose tissues, and basic principles of human behaviour will be covered.					

<p>Learning Outcomes</p>	<p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> · demonstrate vertebral column and skull bones. · define the anatomy of the eye and ear · describe the extrinsic muscles of the eye. · describe the major parts of the central and peripheral nervous system, and explain their functions · distinguish the functions of both white and brown adipose tissue. · describe adipocyte derived proteins with endocrine functions. · describe the basic structure and function of cytokines and the role of cytokines in immune system and hematopoiesis. · define the structure and function of immunoglobulins. · distinguish between steroid and polypeptide hormones, and outline their mechanisms of action. · describe G-protein coupled receptors. · define sensory receptor. · explain the microscopic and macroscopic features of the nervous system · correlate morphology and physiology of the motor and sensory pathways · explain the morphology of the endocrine glands · define information transmission and content of information · explain the control mechanisms · describe biophysics of photoreception · define optics of vision · explain receptive fields and retinal processing · describe biophysics of auditory system · clarify the basic control mechanisms of the nervous and endocrine systems · describe the structure of photoreceptors · discuss the changes in the absorption spectrum of rhodopsin in response to light · define 'receptive field' in the visual system · explain how receptive field sizes and details of connections vary across the retina · define the biochemical properties of epithelial tissues. · explain the molecular structure of cell junctions. · define extracellular matrix and different components connective tissue · explain the human behavior and communication in health · indicate the most basic functions of sensing · list stimulus attributes · outline the physical and chemical stimuli converted to cellular signaling in nervous system (concept of transduction) · describe receptor potential and generator potential · define perception concept · describe human psychology and behavioral sciences · explain theories of psychopathology · identify personality and temperament · define attention, memory and learning · explain emotions, cognition, motivation, stress and biology of sleep
---------------------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	37	Credit	ECTS
			Practical (Hour)	9		
Clinical Medicine and Professional Skills -II	MED 108	Spring	Study Time (Hour)	110	3	6
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr					
CMPS Coordinators	Assist. Prof. Figen DEMİR; figen.demir@acibadem.edu.tr Assoc. Prof. Pinar TOPSEVER; pinar.topsever@acibadem.edu.tr					
Academic Units & Staff	<p>Family Medicine Pinar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D., Instructor.</p> <p>Pharmacology İsmail Hakkı ULUS, MD., Ph.D., Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D., Prof. Figen DEMİR, M.D., M.Sc, Assist. Prof. Yeşim YASİN, M.A., M.Sc., Ph.D., Assist. Prof.</p> <p>Affiliated Faculty İnci USER, Ph.D, Assoc.Prof. Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN, M.D., Instructor</p>					
Course Date	18.02.2016-16.05.2016					
Educational Methods	Site visits, group assignments, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions					
Assessment Methods	Written examination, log-books, standardized evaluation of group presentations of assignments and projects, performances, case studies, interactive lectures and self-directed learning sessions.					
Course Aims	<p>This course aims to;</p> <p>Health and Society:</p> <ul style="list-style-type: none"> 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. <p>Research in Health:</p> <ul style="list-style-type: none"> create a learning opportunity for students to develop scientific thinking skills and to introduce the students to medical research methodology 					

Learning Outcomes	<p>At the end of this session, students will be able to:</p> <p><i>Health and Society:</i></p> <ul style="list-style-type: none">· discuss sociological concepts of health, illness, sickness and disease<ul style="list-style-type: none">o identify the differences between illness, disease and sicknesso 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<ul style="list-style-type: none">o Labelling and stigmatizationo Medicalization· explain the changing patterns of disease and health care throughout history and across cultures· explain the social determinants of health and illness<ul style="list-style-type: none">o compare and contrast the theories of disease causationo 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 <p><i>Research in Health:</i></p> <ul style="list-style-type: none">· distinguish between scientific philosophy and philosophy of science· explain the evolution of scientific thinking· describe fundamentals of scientific research and characteristics of scientific thinking methodology· discuss the scientific reasoning and the methodological framework in a medical research· describe the epidemiology and its context· analyse the key criteria to assess if a relationship is causal
--------------------------	--



ACIBADEM
UNIVERSITY



28.09.2015 MONDAY		
	Meet and Greet	
10:00 – 10:15	Opening Remarks by the Dean of the School of Medicine	Yasemin Alanay
10:15 – 10:45	Introduction of Medical Education Program	Melike Şahiner
10:45 – 11:00	School of Medicine Laboratory Orientation	Özgür Kurt
11:00 – 11:15	School of Medicine Mentorship Program	Serdar Özgen - Cemaliye A. Boylu
11:15 – 12:30	White Coat Ceremony	
13:30 – 14:10	Introduction to MED 101 Subject Committee	Melike Şahiner – Erdal Coşgun
14:20 – 15:00	Origin of Life	Cemaliye Akyerli Boylu
15:10 – 15:50	Concept of Cell: Prokaryotes, Eukaryotes and Multicellular Life	Beste K. Erol

29.09.2015 TUESDAY		
10:00 – 14:00	Orientation	

30.09.2015 WEDNESDAY		
10:00 – 12:00	Opening Ceremony	
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

01.10.2015 THURSDAY		
08:30 – 09:10	Introduction to CMPS	Pınar Topsever, Figen Demir
09:20 – 10:00	Introduction to “CMPS-I: Basic Communication Skills”	Pınar Topsever
10:10 – 12:30	CMPS-I: Basic Communication Skills <i>Basics of Communication</i>	Pınar Topsever, Demet Dinç, Efe Onganer, Melike Şahiner, Şirin Parkan
13:30 – 14:10	MI: Basic Computer Hardware Informations	Engin Baysoy
14:20 – 15:00	MI: Data & Communication Technology: Using & Managing Computers	Engin Baysoy
15:10 – 15:50	MI: Data & Communication Technology: Using & Managing Computers	Engin Baysoy
16:00 – 16:40	Study Time	

02.10.2015 FRIDAY		
08:30 – 09:10	Nucleic Acids: DNA and Structure	Beste K. Erol
09:20 – 10:00	Structure of Nucleic Acids	Abdurrahman Coşkun
10:10 – 10:50	Cell Organelles and Inclusions at Light and Electron Microscopic Level	Serap Arbak
11:00 – 11:40	Cell Organelles and Inclusions at Light and Electron Microscopic Level	Serap Arbak
11:50 – 12:30	Cell Organelles and Inclusions at Light and Electron Microscopic Level	Serap Arbak
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Study Time	
16:00 – 17:30	Study Time	

05.10.2015 MONDAY		
08:30 – 09:10	Introduction to Inorganic Chemistry in Medicine	Mert Ülgen
09:20 – 10:00	Introduction to Inorganic Chemistry in Medicine	Mert Ülgen
10:10 – 10:50	DNA Packaging and Chromatin Structure	Beste K. Erol
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 17:30	Inorganic Nomenclature: Naming of Inorganic Compounds	Mert Ülgen
06.10.2015 TUESDAY		
08:30 – 09:10	Biology and Genetics of Behavior	Ferhal Utku Doğan
09:20 – 10:00	Biology and Genetics of Behavior	Ferhal Utku Doğan
10:10 – 10:50	Biology and Genetics of Behavior	Ferhal Utku Doğan
11:00 – 11:40	DNA Replication	Deniz Ağırbaşı
11:50 – 12:30	DNA Repair and Recombination	Deniz Ağırbaşı
13:30 – 14:10	MI: Office: Word_Group A	Engin Baysoy
14:20 – 15:00	MI: Office: Word_Group A	Engin Baysoy
15:10 – 15:50	MI: Office: Word_Group A	Engin Baysoy
16:00 – 17:30	Elective Course I	
07.10.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Metals and Non-Metals in Living Organisms	Beste K. Erol
11:50 – 12:30	Acids, Bases and Salts, Ionization, pH	Beste K. Erol
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	Study Time	
16:00 – 17:30	Study Time	
08.10.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 12:30	CMPS-I: Basic Communication Skills <i>Verbal Communication</i>	Pınar Topsever, Efe Onganer Demet Dinç, Melike Şahiner, Şirin Parkan
13:30 – 14:10	MI: Office: Word_Group B	Engin Baysoy
14:20 – 15:00	MI: Office: Word_Group B	Engin Baysoy
15:10 – 15:50	MI: Office: Word_Group B	Engin Baysoy
16:00 – 16:40	Study Time	
16:40 – 17:30	Study Time	
09.10.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Nucleus and Cell Division	Deniz Yücel
10:10 – 10:50	Nucleus and Cell Division	Deniz Yücel
11:00 – 11:40	Cell Division and Cell Cycle	Cemaliye Akyerli Boylu
11:50 – 12:30	Cell Death: Apoptosis, Necrosis and Others	Cemaliye Akyerli Boylu
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 1 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 1 (CASE)	Dilek Kitapçıoğlu, Feray Güven

12.10.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Nucleic Acids: RNA Structure and Transcription	Engin Yılmaz
10:10 – 10:50	RNA Processing and Non-Coding RNAs	Engin Yılmaz
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	Mixtures and Physical Systems in Chemistry	Beste K. Erol
16:50 – 17:30	Concentration Units and Important Analytical Calculations in Medicine	Beste K. Erol

13.10.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Genetic Code and Protein Synthesis	Engin Yılmaz
10:10 – 10:50	Introduction to Organic Chemistry	Mert Ülgen
11:00 – 11:40	Classification, General Terms, Bonds, Properties of Organic Compounds	Mert Ülgen
11:50 – 12:30	Control of Gene Expression and Epigenetics	Deniz Ağırbaşlı
13:30 – 14:10	MI: Office: Word _Group A	Engin Baysoy
14:20 – 15:00	MI: Office: Word _Group A	Engin Baysoy
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I	

14.10.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Microscope Skills and Cell Types _Group A	Serap Arbak, Deniz Yücel
10:10 – 10:50	LAB: Microscope Skills and Cell Types _Group A	Serap Arbak, Deniz Yücel
11:00 – 11:40	LAB: Microscope Skills and Cell Types _Group B	Serap Arbak, Deniz Yücel
11:50 – 12:30	LAB: Microscope Skills and Cell Types _Group B	Serap Arbak, Deniz Yücel
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	MI: Office: Word _Group B	Engin Baysoy
16:00 – 16:40	MI: Office: Word _Group B	Engin Baysoy
16:50 – 17:30	Study Time	

15.10.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	CMPS-I: Basic Communication Skills	Pınar Topsever, Efe Onganer Melike Şahiner, Şirin Parkan,
10:10 – 10:50		
11:00 – 11:40	<i>Non-verbal Communication</i>	
11:50 – 12:30		
13:30 – 14:10	MI: Office: Excel _Group A	Engin Baysoy
14:20 – 15:00	MI: Office: Excel _Group A	Engin Baysoy
15:10 – 15:50	MI: Office: Excel _Group A	Engin Baysoy
16:00 – 16:40	Vectors, forces, Newton's Laws	Evren Kılınç
16:50 – 17:30	Vectors, forces, Newton's Laws	Evren Kılınç

16.10.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Nucleus and Cell Division _ Group A	Serap Arbak, Deniz Yücel
10:10 – 10:50	LAB: Nucleus and Cell Division _ Group B	Serap Arbak, Deniz Yücel
11:00 – 11:40	Genome Organization and Heredity	Cemaliye Akyerli Boylu
11:50 – 12:30	Meeting with Year 1 Coordinators and Students	Cemaliye Akyerli Boylu-Deniz Yücel
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 2 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 2 (CASE)	Dilek Kitapçıoğlu, Feray Güven

19.10.2015 MONDAY		
09:20 – 10:50	MED101 EXAMINATION	
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 17:30	Usage of Hydrocarbons in Medicine	Mert Ülgen
20.10.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Role of Carbon Containing Functional Groups in Medicine	Mert Ülgen
10:10 – 10:50	Role of Carbon Containing Functional Groups in Medicine	Mert Ülgen
11:00 – 11:40	Mutations and Polymorphisms	Cemaliye Akyerli Boylu
11:50 – 12:30	Mutations and Polymorphisms	Cemaliye Akyerli Boylu
13:30 – 14:10	MI: Office: Excel _Group B	Engin Baysoy
14:20 – 15:00	MI: Office: Excel _Group B	Engin Baysoy
15:10 – 15:50	MI: Office: Excel _Group B	Engin Baysoy
16:00 – 17:30	Elective Course I	
21.10.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Introduction to Biophysics	Beki Kan
10:10 – 10:50	Atoms, Molecules and Matter	Beki Kan
11:00 – 11:40	Principles of Clinical Cytogenetics	Deniz Ağırbaşı
11:50 – 12:30	Water as a Living Environment	Devrim Öz Arslan
13:30 – 14:10	Turkish Language and Literature	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya DüNDAR Şahin
15:10 – 15:50	MI: Office: Excel _Group A	Engin Baysoy
16:00 – 16:40	MI: Office: Excel _Group A	Engin Baysoy
16:50 – 18:10	MI: Office: Excel _Group A	Engin Baysoy
22.10.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	CMPS –I: Basic Communication Skills	Pınar Topsever
11:00 – 11:40		Demet Dinç, Şirin Parkan
11:50 – 12:30	<i>Empathy</i>	
13:30 – 14:10	MI: Office: Excel _Group B	Engin Baysoy
14:20 – 15:00	MI: Office: Excel _Group B	Engin Baysoy
15:10 – 15:50	MI: Office: Excel _Group B	Engin Baysoy
16:00 – 16:40	MI: Office: Excel _Group B	Engin Baysoy
23.10.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Patterns of Inheritance	Deniz Ağırbaşı
10:10 – 10:50	Patterns of Inheritance	Deniz Ağırbaşı
11:00 – 11:40	Work, Energy and Power	Evren Kılınç
11:50 – 12:30	Work, Energy and Power	Evren Kılınç
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 3 (CASE)	Dilek Kitapçioğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 3 (CASE)	Dilek Kitapçioğlu, Feray Güven

26.10.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Role of Nitrogen Containing Functional Groups in Medicine	Mert Ülgen
10:10 – 10:50	Role of Nitrogen Containing Functional Groups in Medicine	Mert Ülgen
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	Study Time	

27.10.2015 TUESDAY		
08:30 – 09:10	Radioactivity, Atomic Structure, Atomic Number	Beste K. Erol
09:20 – 10:00	The Importance of Radioactivity in Medicine, Isotopes	Beste K. Erol
10:10 – 10:50	Mendelian and Non-Mendelian Genetics	Cemaliye Akyerli Boylu
11:00 – 11:40	Mendelian and Non-Mendelian Genetics	Cemaliye Akyerli Boylu
11:50 – 12:30	Multifactorial Inheritance	Deniz Ağırbaşlı
13:30 – 14:10	MI: Office: PowerPoint_Group A	Engin Baysoy
14:20 – 15:00	MI: Office: PowerPoint_Group A	Engin Baysoy
15:10 – 15:50	MI: Office: PowerPoint_Group A	Engin Baysoy
16:00 – 17:30	Elective Course I	

28.10.2015 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	
REPUBLIC DAY		

29.10.2015 THURSDAY		
REPUBLIC DAY		

30.10.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Population Genetics	Deniz Ağırbaşlı Aysel Özpınar- Abdurrahman Coşkun
11:00 – 11:40	Introduction to Biochemistry	Aysel Özpınar- Abdurrahman Coşkun
11:50 – 12:30	Introduction to Biochemistry	Aysel Özpınar- Abdurrahman Coşkun
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 4 (CASE)	Dilek Kitapçioğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 4 (CASE)	Dilek Kitapçioğlu, Feray Güven

02.11.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Role of Sulphur Containing Functional Groups in Medicine	Mert Ülgen
10:10 – 10:50	Role of Sulphur Containing Functional Groups in Medicine	Mert Ülgen
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 17:30	Chemical Reactions of Important Organic Molecules in Medicine	Mert Ülgen
03.11.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Tools of Molecular Biology & Genetics	Engin Yılmaz
10:10 – 10:50	Tools of Molecular Biology & Genetics	Engin Yılmaz
11:00 – 11:40	LAB: Basic Lab. Skills – Pipetting_Group A	Cemaliye A Boylu-Deniz Ağırbaşı
11:50 – 12:30	LAB: Basic Lab. Skills – Pipetting_Group B	Cemaliye A Boylu-Deniz Ağırbaşı
13:30 – 14:10	MI: Office: PowerPoint_Group B	Engin Baysoy
14:20 – 15:00	MI: Office: PowerPoint_Group B	Engin Baysoy
15:10 – 15:50	MI: Office: PowerPoint_Group B	Engin Baysoy
16:00 – 17:30	Elective Course I	
04.11.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	LAB: DNA Isolation_Group A	Cemaliye A Boylu-Deniz Ağırbaşı
11:00 – 11:40	LAB: DNA Isolation_Group A	Cemaliye A Boylu-Deniz Ağırbaşı
11:50 – 12:30	LAB: DNA Isolation_Group A	Cemaliye A Boylu-Deniz Ağırbaşı
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 16:40	MI: Office: Web Browsing and Communication_Group A	Beyza Akbaşoğlu
16:50 – 18:10	MI: Office: Web Browsing and Communication_Group B	Beyza Akbaşoğlu
05.11.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	CMPS –I: Basic Communication Skills	Pınar Topsever, Efe Onganer
10:10 – 10:50		Demet Dinç, Melike Şahiner,
11:00 – 11:40	<i>The Doctor-Patient Relationship I</i>	Şirin Parkan
11:50 – 12:30		
13:30 – 14:10	MI: Office: Programs' Exercise_Group A	Engin Baysoy
14:20 – 15:00	MI: Office: Programs' Exercise_Group A	Engin Baysoy
15:10 – 15:50	MI: Office: Programs' Exercise_Group A	Engin Baysoy
16:00 – 16:40	Study Time	
06.11.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	LAB: DNA Isolation_Group B	Cemaliye A Boylu-Deniz Ağırbaşı
11:00 – 11:40	LAB: DNA Isolation_Group B	Cemaliye A Boylu-Deniz Ağırbaşı
11:50 – 12:30	LAB: DNA Isolation_Group B	Cemaliye A Boylu-Deniz Ağırbaşı
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 5 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 5 (CASE)	Dilek Kitapçıoğlu, Feray Güven

09.11.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Introduction to the Metabolism of Organic Compounds	Mert Ülgen
10:10 – 10:50	Introduction to the Metabolism of Organic Compounds	Mert Ülgen
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 17:30	Effects of Organic Molecules in the Living Organism	Beste K. Erol

10.11.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Molecular Basis of Genetic Diseases	Deniz Ağırbaşı
11:50 – 12:30	Molecular Basis of Genetic Diseases	Deniz Ağırbaşı
13:30 – 14:10	MI: Office: Programs' Exercise_Group B	Engin Baysoy
14:20 – 15:00	MI: Office: Programs' Exercise_Group B	Engin Baysoy
15:10 – 15:50	MI: Office: Programs' Exercise_Group B	Engin Baysoy
16:00 – 17:30	Elective Course I	

11.11.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Cancer Genetics	Cemaliye Akyerli Boylu
11:50 – 12:30	Cancer Genetics	Cemaliye Akyerli Boylu
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	LAB: Agarose Gel Electrophoresis_Group A	Cemaliye A Boylu-Deniz Ağırbaşı
16:00 – 17:30	LAB: Agarose Gel Electrophoresis_Group A	Cemaliye A Boylu-Deniz Ağırbaşı

12.11.2015 THURSDAY		
08:30 – 09:10		Pınar Topsever
09:20 – 10:00	CMPS –I: Basic Communication Skills	Demet Dinç
10:10 – 10:50		Melike Şahiner
11:00 – 11:40	<i>The Doctor-Patient Relationship II</i>	Şirin Parkan
11:50 – 12:30		Efe Onganer
13:30 – 14:10	MI: Office: Programs' Exercise_Group A	Engin Baysoy
14:20 – 15:00	MI: Office: Programs' Exercise_Group A	Engin Baysoy
15:10 – 16:40	LAB: Agarose Gel Electrophoresis_Group B	Cemaliye A Boylu-Deniz Ağırbaşı
16:50 – 17:30	LAB: Agarose Gel Electrophoresis_Group B	Cemaliye A Boylu-Deniz Ağırbaşı

13.11.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Pharmacogenetics	Cemaliye Akyerli Boylu
11:50 – 12:30	Gene Therapy	Beste K. Erol
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 6 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 6 (CASE)	Dilek Kitapçıoğlu, Feray Güven

16.11.2015 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

17.11.2015 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 17:30	Study Time	

18.11.2015 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 16:40	Study Time	
16:50 – 17:30	Study Time	

19.11.2015 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 16:40	Study Time	
16:50 – 17:30	Study Time	

20.11.2015 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40	MED101 EXAMINATION	
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

23.11.2015 MONDAY		
08:30 – 09:10	Introduction to MED 103 Subject Committee	Evren Kılınç-Beste K.Erol
09:20 – 10:00	Homeostasis	Mehmet Ergen
10:10 – 10:50	Homeostasis	Mehmet Ergen
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	Study Time	

24.11.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Endogenous Organic Compounds in the Body	Beste K. Erol
10:10 – 10:50	Endogenous Organic Compounds in the Body	Beste K. Erol
11:00 – 11:40	Structure of Amino Acids	Abdurrahman Coşkun
11:50 – 12:30	Structure of Amino Acids	Abdurrahman Coşkun
13:30 – 14:10	MI: Office: Programs' Exercise_Group B	Engin Baysoy
14:20 – 15:00	MI: Office: Programs' Exercise_Group B	Engin Baysoy
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I	

25.11.2015 WEDNESDAY		
08:30 – 09:10	Protein Structure and Function	Abdurrahman Coşkun
09:20 – 10:00	Protein Structure and Function	Abdurrahman Coşkun
10:10 – 10:50	CMPS-I: Medical Ethics and Humanities	Nadi Bakırcı
11:00 – 11:40	<i>Physician's Role in Community</i>	Pınar Topsever, Şirin Parkan
11:50 – 12:30		Yeşim Işıl Ülman
13:30 – 14:10	Turkish Language and Literature	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya DüNDAR Şahin
15:10 – 15:50	MI: Term Project Presentations _Group A	Engin Baysoy
16:00 – 17:30	MI: Term Project Presentations _Group A	Engin Baysoy

26.11.2015 THURSDAY		
08:30 – 09:10	CMPS-I: Medical Ethics and Humanities	Yeşim Işıl Ülman
09:20 – 10:00	<i>Introduction to the History of Medicine; Medicine at Bedside</i>	
10:10 – 10:50	Protein Structure and Function	Abdurrahman Coşkun
11:00 – 11:40	Protein Structure and Function	Abdurrahman Coşkun
11:50 – 12:30	Study Time	
13:30 – 14:10	MI: Term Project Presentations _Group B	Engin Baysoy
14:20 – 15:00	MI: Term Project Presentations _Group B	Engin Baysoy
15:10 – 15:50	MI: Term Project Presentations _Group B	Engin Baysoy
16:00 – 16:40	Study Time	

27.11.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Structure of Lipids	Muhittin Serdar
10:10 – 10:50	Structure of Lipids	Muhittin Serdar
11:00 – 11:40	Charges, Coulomb's Law, Insulators and Conductors	Evren Kılınç
11:50 – 12:30	Charges, Coulomb's Law, Insulators and Conductors	Evren Kılınç
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 7 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 7 (CASE)	Dilek Kitapçıoğlu, Feray Güven

30.11.2015 MONDAY		
08:30 – 09:10	Electrical Forces, Fields and Currents	Evren Kılınc
09:20 – 10:00	Electrical Forces, Fields and Currents	Evren Kılınc
10:10 – 10:50	Genome of Mitochondria	Deniz Ağırbaşı
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	Study Time	

01.12.2015 TUESDAY		
08:30 – 09:10	Genomics in Medicine	Deniz Ağırbaşı
09:20 – 10:00	Physical Characteristics of Membrane Structure and Function	Devrim Öz Arslan
10:10 – 10:50	Membrane Proteins	Devrim Öz Arslan
11:00 – 11:40	Endogenous Organic Compounds in the Body	Beste K. Erol
11:50 – 12:30	Endogenous Organic Compounds in the Body	Beste K. Erol
13:30 – 14:10	MI: Term Project Presentations _Group A	Engin Baysoy
14:20 – 15:00	MI: Term Project Presentations _Group A	Engin Baysoy
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I	

02.12.2015 WEDNESDAY		
08:30 – 09:10	Carbohydrate Structure and Function	Muhittin Serdar
09:20 – 10:00	Carbohydrate Structure and Function	Muhittin Serdar
10:10 – 10:50	CMPS-I: Medical Ethics and Humanities	Nadi Bakırıcı, Pınar Topsever, Şirin Parkan, Yeşim Işıl Ülman
11:00 – 11:40		
11:50 – 12:30	<i>Characteristics of Doctor-Patient/ Community Relations</i>	
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	MI: Term Project Presentations _Group B	Engin Baysoy
16:00 – 16:40	MI: Term Project Presentations _Group B	Engin Baysoy

03.12.2015 THURSDAY		
08:30 – 09:10	CMPS-I: Medical Ethics and Humanities	Yeşim Işıl Ülman
09:20 – 10:00	<i>Medicine in the Library: Medieval and Renaissance Medicine</i>	
10:10 – 10:50	Laboratory Techniques in Organic Chemistry: Separation	Mert Ülgen
11:00 – 11:40	Laboratory Techniques in Organic Chemistry: Separation	Mert Ülgen
11:50 – 12:30	Study Time	
13:30 – 14:10	MI: Clinical Information Systems	Sedat Kesmen
14:20 – 15:00	MI: Clinical Information Systems	Sedat Kesmen
15:10 – 15:50	MI: Quality Principles for Medical Systems	Kaspar Zakaryan
16:00 – 16:40	Study Time	

04.12.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Capacitors, Resistance, Direct Current	Evren Kılınc
10:10 – 10:50	Capacitors, Resistance, Direct Current	Evren Kılınc
11:00 – 11:40	Cell Membrane Physiology	Mehmet Ergen
11:50 – 12:30	Cell Membrane Physiology	Mehmet Ergen
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 8 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 8 (CASE)	Dilek Kitapçıoğlu, Feray Güven

07.12.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Electrochemical Potential, Nernst Potential	Evren Kılınc
10:10 – 10:50	Applications of Recombinant DNA Technology in Medicine	Beste K. Erol
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	Study Time	

08.12.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Physical Principles: Diffusion and Facilitated Transport	Devrim Öz Arslan
10:10 – 10:50	Physical Principles: Diffusion and Facilitated Transport	Devrim Öz Arslan
11:00 – 11:40	Laboratory Techniques in Organic Chemistry: Qualitative Methods	Mert Ülgen
11:50 – 12:30	Laboratory Techniques in Organic Chemistry: Qualitative Methods	Mert Ülgen
13:30 – 14:10	MI:Imaging Information Systems	Özge Sağroğlu
14:20 – 15:00	MI:Health Informatics Standards, E-Health Technologies	Kaspar Zakaryan
15:10 – 15:50	MI:Speciality Based Clinical Information Systems ,Electronic Patient Records	Özge Sağroğlu
16:00 – 17:30	Elective Course I	

09.12.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Active Transport and Secondary Active Transport	Devrim Öz Arslan
10:10 – 10:50	CMPS-I: Medical Ethics and Humanities	
11:00 – 11:40		Yeşim Ülman, İbrahim Kaboğlu
11:50 – 12:30	<i>Introduction to Human Rights; What are the Human Rights?</i>	
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 16:40	Study Time	
16:50 – 17:30	Study Time	

10.12.2015 THURSDAY		
08:30 – 09:10	CMPS-I: Medical Ethics and Humanities	Yeşim Işıl Ülman
09:20 – 10:00	<i>Medicine in Hospital: The influence of the Enlightenment and the Revolutionary Era</i>	
10:10 – 10:50	Laboratory Techniques in Organic Chemistry: Quantitative Methods	Mert Ülgen
11:00 – 11:40	Laboratory Techniques in Organic Chemistry: Quantitative Methods	Mert Ülgen
11:50 – 12:30	Study Time	
13:30 – 14:10	MI: Acibadem Hospital Information System (Cerebral) _Group A	Doğan Ulutürk
14:20 – 15:00	MI: Acibadem Hospital Information System (Cerebral) _Group A	Doğan Ulutürk
15:10 – 15:50	MI: Acibadem Hospital Information System (Cerebral) _Group A	Doğan Ulutürk
16:00 – 16:40	MI: Acibadem Hospital Information System (Cerebral) _Group A	Doğan Ulutürk

11.12.2015 FRIDAY		
08:30 – 09:10	Introduction to Interactive Module	
09:20 – 10:00	Introduction to Interactive Module	
10:10 – 10:50	Introduction to Interactive Module	
11:00 – 11:40	Introduction to Interactive Module	
11:50 – 12:30	Introduction to Interactive Module	
13:30 – 14:10	Introduction to Interactive Module	
14:20 – 15:00	Introduction to Interactive Module	
15:10 – 15:50	Introduction to Interactive Module	
16:00 – 16:40	Introduction to Interactive Module	

14.12.2015 MONDAY		
09:20 – 10:50	MED 103 EXAMINATION	
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	LAB: Basic Lab. Skills _Group A	Mert Ülgen
16:50 – 18:10	LAB: Organic Reactions_Group A	Mert Ülgen

15.12.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Cellular Signaling	Mehmet Ergen
11:00 – 11:40	Cellular Signaling	Mehmet Ergen
11:50 – 12:30	Cellular Signaling	Mehmet Ergen
13:30 – 14:10	MI: Medulla_Group A	Kaspar Zakaryan
14:20 – 15:00	MI: Medulla_Group A	Kaspar Zakaryan
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I	

16.12.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Human Genome Project in Medicine	Cemaliye Akyerli Boylu
10:10 – 10:50	CMPS-I: Medical Ethics and Humanities	
11:00 – 11:40		Yeşim Ülman
11:50 – 12:30	<i>Evolution of Human Rights</i>	
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

17.12.2015 THURSDAY		
08:30 – 09:10	CMPS-I: Medical Ethics and Humanities	
09:20 – 10:00		Yeşim Işıl Ülman, Yeşim Yasin, Figen Demir, Pınar Topsever
10:10 – 10:50	<i>Right to Health-I</i>	
11:00 – 11:40	Membrane Potential and Action Potential	Evren Kılınc
11:50 – 12:30	Membrane Potential and Action Potential	Evren Kılınc
13:30 – 14:10	MI: Acibadem Hospital Information System (Cerebral) _Group B	Doğan Ulutürk
14:20 – 15:00	MI: Acibadem Hospital Information System (Cerebral) _Group B	Doğan Ulutürk
15:10 – 15:50	MI: Acibadem Hospital Information System (Cerebral) _Group B	Doğan Ulutürk
16:00 – 16:40	MI: Acibadem Hospital Information System (Cerebral) _Group B	Doğan Ulutürk

18.12.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Excitable Tissues and Action Potential	Mehmet Ergen
11:00 – 11:40	Excitable Tissues and Action Potential	Mehmet Ergen
11:50 – 12:30	Conduction of Action Potential	Evren Kılınc
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 9 (CASE)	Dilek Kitapçioğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 9 (CASE)	Dilek Kitapçioğlu, Feray Güven

21.12.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Flow of Energy in Nature, First Law of Thermodynamics	Beki Kan
10:10 – 10:50	Flow of Energy in Nature, First Law of Thermodynamics	Beki Kan
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	LAB: Basic Lab. Skills _Group B	Mert Ülgen
16:50 – 18:10	LAB: Organic Reactions_Group B	Mert Ülgen

22.12.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Purification Techniques _Group A	Mert Ülgen
10:10 – 10:50	LAB: Purification Techniques _Group A	Mert Ülgen
11:00 – 11:40	LAB: Purification Techniques _Group B	Mert Ülgen
11:50 – 12:30	LAB: Purification Techniques _Group B	Mert Ülgen
13:30 – 14:10	MI: Medulla_Group B	Kaspar Zakaryan
14:20 – 15:00	MI: Medulla_Group B	Kaspar Zakaryan
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I	

23.12.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	CMPS-I: Medical Ethics and Humanities	Yeşim Işıl Ülman, Yeşim Yasin, Figen Demir, Pınar Topsever
11:00 – 11:40		
11:50 – 12:30	<i>Right to Health-II</i>	
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

24.12.2015 THURSDAY		
08:30 – 09:10	CMPS-I: Medical Ethics and Humanities	Yeşim Işıl Ülman
09:20 – 10:00	<i>Medicine in the Community: Emergence of Public Health</i>	
10:10 – 10:50	Introduction and Structure of Enzymes	İbrahim Ünsal
11:00 – 11:40	Introduction and Structure of Enzymes	İbrahim Ünsal
11:50 – 12:30	Study Time	
13:30 – 14:10		
14:20 – 15:00	MED107 IT EXAMINATION	Engin Baysoy
15:10 – 15:50		
16:00 – 16:40		

25.12.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	The Second Law of Thermodynamics, Entropy, Free Energy	Beki Kan
11:50 – 12:30	The Second Law of Thermodynamics, Entropy, Free Energy	Beki Kan
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 10 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 10 (CASE)	Dilek Kitapçıoğlu, Feray Güven

28.12.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Separation Techniques _Group A	Mert Ülgen
10:10 – 10:50	LAB: Separation Techniques _Group A	Mert Ülgen
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	CMPS-I: EXAMINATION	

29.12.2015 TUESDAY		
08:30 – 09:10	Enzymes: Mechanisms of Action	İbrahim Ünsal
09:20 – 10:00	Enzymes: Mechanisms of Action	İbrahim Ünsal
10:10 – 10:50	LAB: Separation Techniques _Group B	Mert Ülgen
11:00 – 11:40	LAB: Separation Techniques _Group B	Mert Ülgen
11:50 – 12:30	Study Time	
13:30 – 14:10	MI: Basic Statistical Concepts and Descriptive Statistics-I	Erdal Coşgun
14:20 – 15:00	MI: Basic Statistical Concepts and Descriptive Statistics-I	Erdal Coşgun
15:10 – 15:50	MI: Basic Statistical Concepts and Descriptive Statistics-I	Erdal Coşgun
16:00 – 17:30	Elective Course I	

30.12.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	CMPS-I: Medical Ethics and Humanities	
10:10 – 10:50	<i>Medicine in the Laboratory: Medicine Becomes Science</i>	Yeşim Işıl Ülman
11:00 – 11:40	LAB: Action Potential _Group A	Mehmet Ergen
11:50 – 12:30	LAB: Action Potential _Group A	Mehmet Ergen
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

31.12.2015 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

01.01.2016 FRIDAY		
HOLIDAY		

04.01.2016 MONDAY		
08:30 – 09:10	Study Time	
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	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	Study Time	

05.01.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Introduction to Anatomy and Anatomical Terminology	Alp Bayramoğlu
11:00 – 11:40	Introduction to Human Anatomy	Elif N. Keskinöz
11:50 – 12:30	Introduction to Human Anatomy	Elif N. Keskinöz
13:30 – 14:10	MI: Descriptive Statistics-II	Erdal Coşgun
14:20 – 15:00	MI: Descriptive Statistics-II	Erdal Coşgun
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I	

06.01.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Enzyme Regulation	İbrahim Ünsal
10:10 – 10:50	Enzyme Regulation	İbrahim Ünsal
11:00 – 11:40	CMPS-I: Medical Ethics and Humanities	
11:50 – 12:30	<i>Medicine in the Modern World: Legacy of the Centuries; History of Medicine in Turkey</i>	Yeşim Işıl Ülman
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	LAB: Introduction to Human Anatomy_Group A	Alp Bayramoğlu-Elif N. Keskinöz
16:00 – 16:40	LAB: Introduction to Human Anatomy_Group B	Alp Bayramoğlu-Elif N. Keskinöz

07.01.2016 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	Free Energy and Thermodynamic Properties of Water	Beki Kan
13:30 – 14:10	MI: LAB: Descriptive Statistics-II_Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Descriptive Statistics-II_Group B	Erdal Coşgun
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

08.01.2016 FRIDAY		
08:30 – 09:10		
09:20 – 10:00	CMPS-I	
10:10 – 10:50		
11:00 – 11:40	First Aid Course Lecture (CASE)	Dilek Kitapçıoğlu, Feray Güven
11:50 – 12:30		
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	CMPS I: Basic Life Support Group 11 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 11 (CASE)	Dilek Kitapçıoğlu, Feray Güven

11.01.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Atatürk's Principles and History of Revolution EXAMINATION	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution EXAMINATION	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40	Study Time	

12.01.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Coupling of Biological Reactions with High Energy Metabolites	Beki Kan
11:50 – 12:30	Coupling of Biological Reactions with High Energy Metabolites	Beki Kan
13:30 – 14:10	MI: Cross Tables, Correlation Analysis and Sampling	Erdal Coşgun
14:20 – 15:00	MI: Cross Tables, Correlation Analysis and Sampling	Erdal Coşgun
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I EXAMINATION	

13.01.2016 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	
13:30 – 14:10	Turkish Language and Literature EXAMINATION	Hülya Dünder Şahin
14:20 – 15:00		
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

14.01.2016 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	
13:30 – 14:10	MI: LAB: Descriptive Statistics-II_Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Descriptive Statistics-II_Group B	Erdal Coşgun
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

15.01.2016 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	
13:30 – 14:10	Medical English I EXAMINATION	
14:20 – 15:00	Medical English I EXAMINATION	
15:10 – 15:50		
16:00 – 16:40		

18.01.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	MED 105 CMPS-I EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

19.01.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	High Energy Compounds and Control	Abdurrahman Coşkun
11:00 – 11:40	High Energy Compounds and Control	Abdurrahman Coşkun
11:50 – 12:30	Energetics of Electron Transport	Beki Kan
13:30 – 14:10	MI: Hypothesis Tests and Applications in Real Medical Trials	Erdal Coşgun
14:20 – 15:00	MI: Hypothesis Tests and Applications in Real Medical Trials	Erdal Coşgun
15:10 – 15:50	MI: Hypothesis Tests and Applications in Real Medical Trials	Erdal Coşgun
16:00 – 17:30	Study Time	

20.01.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

21.01.2016 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	
13:30 – 15:50	MI:LAB: Hypothesis Tests & Applications in Real Medical Trials_Group A	Erdal Coşgun
16:00 – 18:10	MI:LAB: Hypothesis Tests & Applications in Real Medical Trials_Group B	Erdal Coşgun

22.01.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

25.01.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

26.01.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 17:30	Study Time	

27.01.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

28.01.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

29.01.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

MED 103 EXAMINATION



YEAR 1

SPRING

GOVERN

RESIDENT

CLINICAL

THE

15.02.2016 MONDAY		
08:30 – 09:10	Introduction to MED 104 Subject Committee	Güldal Süyen- Sinem Öktem Okullu
09:20 – 10:00	Histology of Lining and Glandular Epithelium	Serap Arbak
10:10 – 10:50	Histology of Lining and Glandular Epithelium	Serap Arbak
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

16.02.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Upper Extremity Bones	Elif N. Keskinöz
10:10 – 10:50	Upper Extremity Bones	Elif N. Keskinöz
11:00 – 11:40	Introduction to Metabolism	Aysel Özpınar
11:50 – 12:30	Introduction to Metabolism	Aysel Özpınar
13:30 – 14:10	MI: Diagnosis Tests	Erdal Coşgun
14:20 – 15:00	MI: Diagnosis Tests	Erdal Coşgun
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course II	

17.02.2016 WEDNESDAY		
08:30 – 09:10	Introduction to Microbiology	Tanıl Kocagöz
09:20 – 10:00	General Structures of Bacteria, Mycoplasma, Chlamydia and Rickettsiae	Sesin Kocagöz
10:10 – 10:50	General Structures of Bacteria, Mycoplasma, Chlamydia and Rickettsiae	Sesin Kocagöz
11:00 – 11:40	Histology of Connective Tissue	Serap Arbak
11:50 – 12:30	Histology of Connective Tissue	Serap Arbak
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Study Time	

18.02.2016 THURSDAY		
08:30 – 09:10	Glycolysis and Gluconeogenesis	Aysel Özpınar
09:20 – 10:00	Glycolysis and Gluconeogenesis	Aysel Özpınar
10:10 – 10:50	Introduction to CMPS-II: Health and Society	Figen Demir, Pınar Topsever
11:00 – 12:30	CMPS-II: Health and Society <i>Social Sciences in Health</i> <i>Perception and Explanation of health and illness/disease</i>	İnci User, Pınar Topsever, Figen Demir, Melike Şahiner, Yeşim Yasin, Nadi Bakırcı, Şirin Parkan, Fatih Artvinli
13:30 – 14:10	MI: Basic Principles of Regression Analysis	Erdal Coşgun
14:20 – 15:00	MI: Basic Principles of Regression Analysis	Erdal Coşgun
15:10 – 15:50	MI: LAB: Diagnosis Tests _ Group A	Erdal Coşgun
16:00 – 16:40	MI: LAB: Diagnosis Tests _ Group B	Erdal Coşgun
16:50 – 17:30	MI: LAB: Basic Principles of Regression Analysis _ Group A	Erdal Coşgun
17:40 – 18:10	MI: LAB: Basic Principles of Regression Analysis _ Group B	Erdal Coşgun

19.02.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Glycolysis and Gluconeogenesis	Aysel Özpınar
10:10 – 10:50	Glycolysis and Gluconeogenesis	Aysel Özpınar
11:00 – 11:40	LAB: Histology of Lining and Glandular Epithelium _Group A	Serap Arbak – Deniz Yücel
11:50 – 12:30	LAB: Histology of Lining and Glandular Epithelium _Group A	Serap Arbak – Deniz Yücel
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	LAB: Histology of Lining and Glandular Epithelium _Group B	Serap Arbak – Deniz Yücel
16:00 – 16:40	LAB: Histology of Lining and Glandular Epithelium _Group B	Serap Arbak – Deniz Yücel

22.02.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Histology of Connective Tissue_Group A	Serap Arbak – Deniz Yücel
10:10 – 10:50	LAB: Histology of Connective Tissue_Group A	Serap Arbak – Deniz Yücel
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

23.02.2016 TUESDAY		
08:30 – 09:10	General Structure of Fungi	Onur Karatuna
09:20 – 10:00	General Structure of Fungi	Onur Karatuna
10:10 – 10:50	Histology of Cartilage	Deniz Yücel
11:00 – 11:40	Histology of Bone and Osteogenesis	Deniz Yücel
11:50 – 12:30	Histology of Bone and Osteogenesis	Deniz Yücel
13:30 – 14:10	MI: LAB: Installation of R and Its Packages_Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Installation of R and Its Packages_Group A	Erdal Coşgun
15:10 – 15:50	MI: LAB: Installation of R and Its Packages_Group A	Erdal Coşgun
16:00 – 17:30	Elective Course II	

24.02.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Oogenesis	Serap Arbak
10:10 – 10:50	Oogenesis	Serap Arbak
11:00 – 11:40	Glycogenesis and Glycogenolysis	Fehime Aksungar
11:50 – 12:30	Glycogenesis and Glycogenolysis	Fehime Aksungar
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	LAB: Histology of Connective Tissue_Group B	Serap Arbak – Deniz Yücel
16:00 – 16:40	LAB: Histology of Connective Tissue_Group B	Serap Arbak – Deniz Yücel

25.02.2016 THURSDAY		
08:30 – 09:10	Spermatogenesis	Deniz Yücel
09:20 – 10:00	CMPS-II: Health and Society	İnci User, Yeşim Yasin
10:10 – 10:50	<i>Health, Disease and Illness</i>	Kültegin Ögel
11:00 – 11:40	CMPS-II: Health and Society	Kültegin Ögel, Yeşim Yasin
11:50 – 12:30	<i>Labeling, Stigmatization and Medicalization</i>	İnci User
13:30 – 14:10	MI: LAB: Installation of R and Its Packages_Group B	Erdal Coşgun
14:20 – 15:00	MI: LAB: Installation of R and Its Packages_Group B	Erdal Coşgun
15:10 – 15:50	MI: LAB: Installation of R and Its Packages_Group B	Erdal Coşgun
16:00 – 18:10	MI: LAB: Basic Concepts of R Language-1_Group A	Erdal Coşgun

26.02.2016 FRIDAY		
08:30 – 09:10	Glycogenesis and Glycogenolysis	Fehime Aksungar
09:20 – 10:00	Glycogenesis and Glycogenolysis	Fehime Aksungar
10:10 – 10:50	Study Time	
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Preparation for Interactive Module	
16:00 – 16:40	Preparation for Interactive Module	

29.02.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Histology of Bone and Cartilage _Group A	Serap Arbak - Deniz Yücel
10:10 – 10:50	LAB: Histology of Bone and Cartilage _Group A	Serap Arbak - Deniz Yücel
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 17:30	LAB: Histology of Bone and Cartilage _Group B	Serap Arbak - Deniz Yücel

01.03.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	TCA Cycle	Aysel Özpınar
11:00 – 11:40	TCA Cycle	Aysel Özpınar
11:50 – 12:30	Fertilization	Deniz Yücel
13:30 – 14:10	MI: LAB: Basic Concepts of R Language-1 _Group B	Erdal Coşgun
14:20 – 15:00	MI: LAB: Basic Concepts of R Language-1 _Group B	Erdal Coşgun
15:10 – 15:50	MI: LAB: Basic Concepts of R Language-1 _Group B	Erdal Coşgun
16:00 – 17:30	Elective Course II	

02.03.2016 WEDNESDAY		
08:30 – 09:10	Lower Extremity Bones	Alp Bayramoğlu
09:20 – 10:00	Lower Extremity Bones	Alp Bayramoğlu
10:10 – 10:50	Oxidative Phosphorylation and Electron Transport Chain	Abdurrahman Coşkun
11:00 – 11:40	Oxidative Phosphorylation and Electron Transport Chain	Abdurrahman Coşkun
11:50 – 12:30	Implantation	Serap Arbak
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	LAB: Upper and Lower extremity bones _Group A	Alp Bayramoğlu - Elif N. Keskinöz
16:00 – 17:30	LAB: Upper and Lower extremity bones _Group A	Alp Bayramoğlu - Elif N. Keskinöz

03.03.2016 THURSDAY		
08:30 – 09:10	Formation of Bilaminar and Trilaminar Embryonic Disc	Serap Arbak
09:20 – 10:00	Formation of Bilaminar and Trilaminar Embryonic Disc	Serap Arbak
10:10 – 10:50	CMPS-II: Health and Society	İnci User
11:00 – 11:40	<i>Changing Patterns of Disease: Social History of Disease</i>	Yeşim Yasin
11:50 – 12:30		
13:30 – 14:10	MI: LAB: Manipulation, Revision of Data1 _Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Manipulation, Revision of Data1 _Group A	Erdal Coşgun
15:10 – 15:50	MI: LAB: Manipulation, Revision of Data1 _Group A	Erdal Coşgun
16:00 – 17:30	Oxidative Phosphorylation and Electron Transport Chain	Abdurrahman Coşkun

04.03.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Histology of Muscle Tissue	Serap Arbak
10:10 – 10:50	Histology of Muscle Tissue	Serap Arbak
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Preparation for Interactive Module	
16:00 – 16:40	Preparation for Interactive Module	

07.03.2016 MONDAY		
MED 104 EXAMINATION		
09:20 – 10:50		
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

08.03.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Histology of Nervous Tissue	Deniz Yücel
10:10 – 10:50	Histology of Nervous Tissue	Deniz Yücel
11:00 – 11:40	Introduction to Nervous System Physiology	Güldal Süyen
11:50 – 12:30	Introduction to Nervous System Physiology	Güldal Süyen
13:30 – 14:10	MI: LAB: Manipulation, Revision of Data1 _Group B	Erdal Coşgun
14:20 – 15:00	MI: LAB: Manipulation, Revision of Data1 _Group B	Erdal Coşgun
15:10 – 15:50	MI: LAB: Manipulation, Revision of Data1 _Group B	Erdal Coşgun
16:00 – 17:30	Elective Course II	

09.03.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Histology of Skin and Adnex	Deniz Yücel
11:50 – 12:30	Histology of Skin and Adnex	Deniz Yücel
13:30 – 14:10	Turkish Language and Literature	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya DüNDAR Şahin
15:10 – 15:50	LAB: Histology of Muscle Tissue _Group A	Serap Arbak - Deniz Yücel
16:00 – 16:40	LAB: Histology of Muscle Tissue _Group A	Serap Arbak - Deniz Yücel

10.03.2016 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 12:30	CMPS-II: Health and Society <i>Disease Causation Theories</i>	İnci User Pınar Topsever Yeşim Yasin Figen Demir
13:30 – 14:10	MI: LAB: Usage of Functions with R _Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Usage of Functions with R _Group A	Erdal Coşgun
15:10 – 15:50	MI: LAB: Usage of Functions with R _Group A	Erdal Coşgun
16:00 – 17:30	LAB: Histology of Muscle Tissue _Group B	Serap Arbak - Deniz Yücel

11.03.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Induction Mechanisms of Embryology	Serap Arbak
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Preparation for Interactive Module	
16:00 – 16:40	Preparation for Interactive Module	

14.03.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Physicians Day Ceremony	
11:50 – 12:30		
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

15.03.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	General Structure of Viruses	Tanıl Kocagöz
11:00 – 11:40	General Structure of Viruses	Tanıl Kocagöz
11:50 – 12:30	Neurotransmitters	Güldal Süyen
13:30 – 14:10	MI: LAB: Usage of Functions with R_Group B	Erdal Coşgun
14:20 – 15:00	MI: LAB: Usage of Functions with R_Group B	Erdal Coşgun
15:10 – 15:50	MI: LAB: Usage of Functions with R_Group B	Erdal Coşgun
16:00 – 17:30	Elective Course II	

16.03.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Histology of Nervous Tissue and Skin_Group A	Serap Arbak - Deniz Yücel
10:10 – 10:50	LAB: Histology of Nervous Tissue and Skin_Group A	Serap Arbak - Deniz Yücel
11:00 – 11:40	LAB: Histology of Nervous Tissue and Skin_Group B	Serap Arbak - Deniz Yücel
11:50 – 12:30	LAB: Histology of Nervous Tissue and Skin_Group B	Serap Arbak - Deniz Yücel
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	LAB: Upper and Lower extremity bones_Group B	Alp Bayramoğlu - Elif N. Keskinöz
16:00 – 17:30	LAB: Upper and Lower extremity bones_Group B	Alp Bayramoğlu - Elif N. Keskinöz

17.03.2016 THURSDAY		
08:30 – 10:50	CMPS-II: Health and Society <i>Basic Health Outcomes and Burden of Disease</i>	Figen Demir
11:00 – 12:30	CMPS-II: Health and Society <i>Interactive Module</i>	İnci User, Figen Demir, Pınar Topsever, Melike Şahiner, Şirin Parkan, Yeşim Yasin, Fatih Artvinli
13:30 – 14:10	MI: LAB: Descriptive Statistics and Graphics with R_Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Descriptive Statistics and Graphics with R_Group A	Erdal Coşgun
15:10 – 15:50	MI: LAB: Descriptive Statistics and Graphics with R_Group A	Erdal Coşgun
16:00 – 18:10	MI: LAB: Descriptive Statistics and Graphics with R_Group B	Erdal Coşgun

18.03.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Amino Acid and Protein Metabolism	Abdurrahman Coşkun
10:10 – 10:50	Amino Acid and Protein Metabolism	Abdurrahman Coşkun
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Preparation for Interactive Module	
16:00 – 16:40	Preparation for Interactive Module	

21.03.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Amino Acid and Protein Metabolism	Abdurrahman Coşkun
10:10 – 10:50	Amino Acid and Protein Metabolism	Abdurrahman Coşkun
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

22.03.2016 TUESDAY		
08:30 – 09:10	Hexose Monophosphate Shunt	Aysel Özpınar
09:20 – 10:00	Hexose Monophosphate Shunt	Aysel Özpınar
10:10 – 10:50	Neuromuscular junction	Güldal Süyen
11:00 – 11:40	Neuromuscular junction	Güldal Süyen
11:50 – 12:30	Development of Skin and Adnex	Deniz Yücel
13:30 – 14:10	MI: LAB: Basic and Advanced Graphics Functions _Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Basic and Advanced Graphics Functions _Group A	Erdal Coşgun
15:10 – 15:50	MI: LAB: Basic and Advanced Graphics Functions _Group A	Erdal Coşgun
16:00 – 17:30	Elective Course II	

23.03.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Formation of Neurulation and Organ Systems	Serap Arbak
10:10 – 10:50	Formation of Neurulation and Organ Systems	Serap Arbak
11:00 – 11:40	Stem Cells	Deniz Yücel
11:50 – 12:30	Stem Cells	Deniz Yücel
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

24.03.2016 THURSDAY		
08:30 – 10:00	CMPS-II: Health and Society <i>Interactive Module</i>	İnci User, Figen Demir, Pınar Topsever, Melike Şahiner, Şirin Parkan, Yeşim Yasin, Fatih Artvinli
10:10 – 10:50	CMPS-II: Health and Society <i>Population Groups</i>	İnci User, Yeşim Yasin
11:00 – 12:30	CMPS-II: Health and Society <i>Social Stratification and Health</i>	İnci User, Yeşim Yasin
13:30 – 14:10	MI: LAB: Basic and Advanced Graphics Functions _Group B	Erdal Coşgun
14:20 – 15:00	MI: LAB: Basic and Advanced Graphics Functions _Group B	Erdal Coşgun
15:10 – 15:50	MI: LAB: Basic and Advanced Graphics Functions _Group B	Erdal Coşgun
16:00 – 16:40	Study Time	

25.03.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Metabolism of Nucleic Acid	Fehime Aksungar
10:10 – 10:50	Metabolism of Nucleic Acid	Fehime Aksungar
11:00 – 11:40	Extraembriyonic Structures	Serap Arbak
11:50 – 12:30	Extraembriyonic Structures	Serap Arbak
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

28.03.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Congenital Malformations	Deniz Yücel
10:10 – 10:50	Congenital Malformations	Deniz Yücel
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

29.03.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	General Structure of Parasites	Özgür Kurt
10:10 – 10:50	General Structure of Parasites	Özgür Kurt
11:00 – 11:40	Autonomic Nervous System	Güldal Süyen
11:50 – 12:30	Autonomic Nervous System	Güldal Süyen
13:30 – 14:10	MI: LAB: Real Medical Analysis with R_Group A	Erdal Coşgun
14:20 – 15:00	MI: LAB: Real Medical Analysis with R_Group A	Erdal Coşgun
15:10 – 15:50	MI: LAB: Real Medical Analysis with R_Group A	Erdal Coşgun
16:00 – 17:30	Elective Course II	

30.03.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:50	CMPS-II: Health and Society <i>General Structure of The Health Care System in Turkey</i>	Pınar Topsever
11:00 – 11:40	Biosynthesis of Lipids	Fehime Aksungar
11:50 – 12:30	Biosynthesis of Lipids	Fehime Aksungar
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Oxidation of Lipids	Fehime Aksungar
16:00 – 16:40	Oxidation of Lipids	Fehime Aksungar

31.03.2016 THURSDAY		
08:30 -12:30	CMPS-II: Health and Society <i>Primary Health Care in Turkey</i> <i>Site Visit-PHC facilities (Group A)</i>	Pınar Topsever, Figen Demir, Şirin Parkan, Demet Dinç, Efe Onganer, Melike Şahiner, Fatih Artvinli, Yeşim Yasin
13:30 – 14:10	MI: LAB: Real Medical Analysis with R_Group B	Erdal Coşgun
14:20 – 15:00	MI: LAB: Real Medical Analysis with R_Group B	Erdal Coşgun
15:10 – 15:50	MI: LAB: Real Medical Analysis with R_Group B	Erdal Coşgun
16:00 – 16:40	Study Time	

01.04.2016 FRIDAY		
08:30 – 12:30	CMPS-II: Health and Society <i>Primary Health Care in Turkey</i> <i>Site Visit-PHC facilities (Group B)</i>	Pınar Topsever, Figen Demir, Şirin Parkan, Demet Dinç, Efe Onganer, Melike Şahiner, Fatih Artvinli, Yeşim Yasin
13:30 – 14:10	Small Group Discussion: Disorders of Carbohydrate Metabolism	Aysel Özpınar – Fehime Aksungar
14:20 – 15:00	Small Group Discussion: Disorders of Carbohydrate Metabolism	Aysel Özpınar - Fehime Aksungar
15:10 – 15:50	Small Group Discussion: Disorders of Carbohydrate Metabolism	Aysel Özpınar - Fehime Aksungar
16:00 – 16:40	Small Group Discussion: Disorders of Carbohydrate Metabolism	Aysel Özpınar - Fehime Aksungar

04.04.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

05.04.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

06.04.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

07.04.2016 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 12:30	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	

08.04.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

MED 104 EXAMINATION

11.04.2016 MONDAY

08:30 – 09:10	Introduction to MED 106 Subject Committee	Fatih Artvinli-Yeşim Yasin
09:20 – 10:00	Skull -Neurocranium	Alp Bayramoğlu
10:10 – 10:50	Skull -Neurocranium	Alp Bayramoğlu
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

12.04.2016 TUESDAY

08:30 – 09:10	Introduction to Human Psychology and Behavioral Sciences	İlyas Göz
09:20 – 10:00	History of Behavioral Sciences	Fatih Artvinli
10:10 – 10:50	History of Behavioral Sciences	Fatih Artvinli
11:00 – 11:40	Skull Splanchnocranium	Elif N. Keskinöz
11:50 – 12:30	Skull Splanchnocranium	Elif N. Keskinöz
13:30 – 14:10	MI: Molecular Biology and Genetics Background	Uğur Sezerman
14:20 – 15:00	MI: Molecular Biology and Genetics Background	Uğur Sezerman
15:10 – 15:50	MI: Molecular Biology and Genetics Background	Uğur Sezerman
16:00 – 17:30	Elective Course II	

13.04.2016 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	LAB: Skull _Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:00 – 11:40	LAB: Skull _Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:50 – 12:30	LAB: Skull _Group A	Alp Bayramoğlu-Elif N. Keskinöz
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	LAB: Skull _Group B	Alp Bayramoğlu-Elif N. Keskinöz
16:00 – 17:30	LAB: Skull _Group B	Alp Bayramoğlu-Elif N. Keskinöz

14.04.2016 THURSDAY

08:30 – 09:10	Base of Skull	Alp Bayramoğlu
09:20 – 10:00	Base of Skull	Alp Bayramoğlu
10:10 – 10:50	CMPS II: Research in Health <i>Introduction to Research in Health and Scientific Methodology</i>	Figen Demir Pınar Topsever
11:00 – 12:30	CMPS II: Research in Health <i>An example of scientific thinking:study of Ignaz Semmelweis</i>	
13:30 – 14:10	MI: Functional Impact of Mutations	Uğur Sezerman
14:20 – 15:00	MI: Functional Impact of Mutations	Uğur Sezerman
15:10 – 15:50	MI: Functional Impact of Mutations	Uğur Sezerman
16:00 – 17:30	MED107 RLAB EXAMINATION	Erdal Coşgun

15.04.2016 FRIDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	Study Time	
11:00 – 11:40	Vertebral Column, Ribs and Sternum	Mustafa Aktekin
11:50 – 12:30	Vertebral Column, Ribs and Sternum	Mustafa Aktekin
12:30 – 13:30		
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 16:40	MED107 BIostatistics EXAMINATION	Erdal Coşgun

18.04.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Base of Skull _Group A	Alp Bayramoğlu-Elif N. Keskinöz
10:10 – 10:50	LAB: Base of Skull _Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 17:30	LAB: Base of Skull_Group B	Alp Bayramoğlu-Elif N. Keskinöz

19.04.2016 TUESDAY		
08:30 – 09:10	Theories of Psychopathology	Ferhal Utku Doğan
09:20 – 10:00	Theories of Psychopathology	Ferhal Utku Doğan
10:10 – 10:50	Theories of Psychopathology	Ferhal Utku Doğan
11:00 – 11:40	Nature of Waves	Evren Kılınc
11:50 – 12:30	Nature of Waves	Evren Kılınc
13:30 – 14:10	MI: Alignment Algorithms 1, Global Alignment	Uğur Sezerman
14:20 – 15:00	MI: Alignment Algorithms 1, Global Alignment	Uğur Sezerman
15:10 – 15:50	MI: Alignment Algorithms 1, Global Alignment	Uğur Sezerman
16:00 – 17:30	Elective Course II	

20.04.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Vertebral column, Ribs and Sternum _Group A	Mustafa Aktekin -Elif N. Keskinöz
10:10 – 10:50	LAB: Vertebral column, Ribs and Sternum _Group A	Mustafa Aktekin -Elif N. Keskinöz
11:00 – 11:40	LAB: Vertebral column, Ribs and Sternum_Group B	Mustafa Aktekin -Elif N. Keskinöz
11:50 – 12:30	LAB: Vertebral column, Ribs and Sternum_Group B	Mustafa Aktekin -Elif N. Keskinöz
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

21.04.2016 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:50	CMPS-II: EXAMINATION	
11:00 – 12:30	CMPS II: Research in Health <i>Scientific Thinking and Reasoning</i>	İsmail Hakkı Ulus
13:30 – 14:10	MI: Alignment Algorithms 2, Local and Semi-Global Alignment	Uğur Sezerman
14:20 – 15:00	MI: Alignment Algorithms 2, Local and Semi-Global Alignment	Uğur Sezerman
15:10 – 15:50	MI: Alignment Algorithms 2, Local and Semi-Global Alignment	Uğur Sezerman
16:00 – 16:40	Study Time	

22.04.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Optics	Evren Kılınc
11:50 – 12:30	Optics	Evren Kılınc
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

25.04.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Overview to central nervous system	Alp Bayramoğlu
10:10 – 10:50	Overview to central nervous system	Alp Bayramoğlu
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

26.04.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Personality and temperament	Yeşim Korkut
11:00 – 11:40	Personality and temperament	Yeşim Korkut
11:50 – 12:30	Personality and temperament	Yeşim Korkut
13:30 – 14:10	MI: Database Search Algorithms (BLAST, FASTA)	Uğur Sezerman
14:20 – 15:00	MI: Database Search Algorithms (BLAST, FASTA)	Uğur Sezerman
15:10 – 15:50	MI: Database Search Algorithms (BLAST, FASTA)	Uğur Sezerman
16:00 – 17:30	Elective Course II	

27.04.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Overview to Peripheral Nervous System	Elif N. Keskinöz
11:00 – 11:40	Overview to Peripheral Nervous System	Elif N. Keskinöz
11:50 – 12:30	Introduction to sense	Meltem Kolgazi
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

28.04.2016 THURSDAY		
08:30 – 09:10	LAB: Nervous System _Group A	Alp Bayramoğlu-Elif N. Keskinöz
09:20 – 10:00	LAB: Nervous System _Group A	Alp Bayramoğlu-Elif N. Keskinöz
10:10 – 10:50	CMPS II: Research in Health	
11:00 – 11:40	<i>Introduction to Epidemiology</i>	Figen Demir
11:50 – 12:30		
13:30 – 14:10	MI: Next Generation Sequencing Algorithms	Uğur Sezerman
14:20 – 15:00	MI: Next Generation Sequencing Algorithms	Uğur Sezerman
15:10 – 15:50	MI: Next Generation Sequencing Algorithms	Uğur Sezerman
16:00 – 16:40	Study Time	

29.04.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Biophysics of photoreception	Beki Kan
11:50 – 12:30	Biophysics of photoreception	Beki Kan
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

02.05.2016 MONDAY		
08:30 – 10:50	MED 106 EXAMINATION	
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

03.05.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Stages of Psychosocial Development	Esra A. Bal
11:00 – 11:40	Motivation and Behavior	Esra A. Bal
11:50 – 12:30	Motivation and Behavior	Esra A. Bal
13:30 – 14:10	MI: Physical Mapping of DNA	Uğur Sezerman
14:20 – 15:00	MI: Physical Mapping of DNA	Uğur Sezerman
15:10 – 15:50	MI: Physical Mapping of DNA	Uğur Sezerman
16:00 – 17:30	Elective Course II	

04.05.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Histology of Nervous System	Deniz Yücel
10:10 – 10:50	Histology of Nervous System	Deniz Yücel
11:00 – 11:40	Somatosensory systems	Meltem Kolgazi
11:50 – 12:30	Somatosensory systems	Meltem Kolgazi
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

05.05.2016 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	CMPS II: Research in Health <i>Causation in Epidemiology: Types of Association</i>	Figen Demir
11:00 – 11:40	<i>Causation in Epidemiology: Types of Causal Relationship</i>	Pınar Topsever
11:50 – 12:30	<i>Causation in Epidemiology: Criteria for Causality</i>	
13:30 – 14:10	MI: Restriction Enzymes and Hybridization	Uğur Sezerman
14:20 – 15:00	MI: Restriction Enzymes and Hybridization	Uğur Sezerman
15:10 – 15:50	MI: Restriction Enzymes and Hybridization	Uğur Sezerman
16:00 – 17:30	LAB: Nervous System_Group B	Alp Bayramoğlu-Elif N. Keskinöz

06.05.2016 FRIDAY		
08:30 – 09:10	The Orbit and Eyeball	Mustafa Aktekin
09:20 – 10:00	The Orbit and Eyeball	Mustafa Aktekin
10:10 – 10:50	The Orbit and Eyeball	Mustafa Aktekin
11:00 – 11:40	Histology of Eye	Deniz Yücel
11:50 – 12:30	Histology of Eye	Deniz Yücel
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Optics of vision	Evren Kılınc
16:00 – 16:40	Optics of vision	Evren Kılınc

09.05.2016 MONDAY		
08:30 – 09:10	The Ear	Alp Bayramođlu
09:20 – 10:00	The Ear	Alp Bayramođlu
10:10 – 10:50	The Ear	Alp Bayramođlu
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadađ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadađ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 17:30	LAB: The Orbit and Eyeball _Group A	Mustafa Aktekin -Elif N. Keskinöz

10.05.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Biochemistry of Epithelial Tissue	Abdurrahman Coşkun
11:00 – 11:40	Attention, memory and learning	İlyas Göz
11:50 – 12:30	Attention, memory and learning	İlyas Göz
13:30 – 14:10	MI: Phylogenetics Analysis 1 (Gut Microbiome)	Uğur Sezerman
14:20 – 15:00	MI: Phylogenetics Analysis 1 (Gut Microbiome)	Uğur Sezerman
15:10 – 15:50	MI: Phylogenetics Analysis 1 (Gut Microbiome)	Uğur Sezerman
16:00 – 17:30	Elective Course II	

11.05.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Histology of Ear	Serap Arbak
11:50 – 12:30	Histology of Ear	Serap Arbak
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

12.05.2016 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 12:30	CMPS II: Research in Health <i>Practicing Causation Criteria</i>	Figen Demir Pınar Topsever
13:30 – 14:10	MI: Phylogenetics Analysis 2 (Gut Microbiome)	Uğur Sezerman
14:20 – 15:00	MI: Phylogenetics Analysis 2 (Gut Microbiome)	Uğur Sezerman
15:10 – 15:50	MI: Phylogenetics Analysis 2 (Gut Microbiome)	Uğur Sezerman
16:00 – 17:30	LAB: The Orbit and Eyeball _Group B	Mustafa Aktekin -Elif N. Keskinöz

13.05.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: Histology of Nervous System _Group A	Serap Arbak , Deniz Yücel
10:10 – 10:50	LAB: Histology of Nervous System _Group A	Serap Arbak , Deniz Yücel
11:00 – 11:40	Receptive fields and retinal processing	Beki Kan
11:50 – 12:30	Receptive fields and retinal processing	Beki Kan
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	LAB: Histology of Nervous System _Group B	Serap Arbak , Deniz Yücel
16:00 – 16:40	LAB: Histology of Nervous System _Group B	Serap Arbak , Deniz Yücel

16.05.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00	CMPS II MED 108 EXAMINATION	
10:10 – 10:50		
11:00 – 11:40	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

17.05.2016 TUESDAY		
08:30 – 09:10	Biophysics of auditory system	Evren Kılınc
09:20 – 10:00	Biophysics of auditory system	Evren Kılınc
10:10 – 10:50	Biochemistry of Connective Tissue	Abdurrahman Coşkun
11:00 – 11:40	Biochemistry of Connective Tissue	Abdurrahman Coşkun
11:50 – 12:30	Biochemistry of Connective Tissue	Abdurrahman Coşkun
13:30 – 14:10	MI: Profile Matrices Functional Classification	Uğur Sezerman
14:20 – 15:00	MI: Profile Matrices Functional Classification	Uğur Sezerman
15:10 – 15:50	MI: Profile Matrices Functional Classification	Uğur Sezerman
16:00 – 17:30	Elective Course II	

18.05.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Physiology of hearing	Meltem Kolgazi
11:00 – 11:40	Physiology of hearing	Meltem Kolgazi
11:50 – 12:30	Biochemical Aspects of Immunoglobulins	Abdurrahman Coşkun
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 15:50	Development of the Eye and Ear	Deniz Yücel
16:00 – 16:40	Development of the Eye and Ear	Deniz Yücel

19.05.2016 THURSDAY		
Commemoration Atatürk, Youth and Sports Day		

20.05.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Biochemistry of Adipose Tissue	Mustafa Serteser
11:50 – 12:30	Biochemistry of Adipose Tissue	Mustafa Serteser
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

23.05.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Central Neurophysiology of Vision	Meltem Kolgazi
10:10 – 10:50	Central Neurophysiology of Vision	Meltem Kolgazi
11:00 – 11:40	Atatürk's Principles and History of Revolution EXAMINATION	Özgür Mutlu Ulus Karadağ
11:50 – 12:30	Atatürk's Principles and History of Revolution EXAMINATION	Özgür Mutlu Ulus Karadağ
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	Study Time	

24.05.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Emotions and Cognitions	İlyas Göz
11:50 – 12:30	Emotions and Cognitions	İlyas Göz
13:30 – 14:10	MI: Genome Annotation	Uğur Sezerman
14:20 – 15:00	MI: Genome Annotation	Uğur Sezerman
15:10 – 15:50	MI: Genome Annotation	Uğur Sezerman
16:00 – 17:30	Elective Course II EXAMINATION	

25.05.2016 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	LAB: The Ear _Group A	Alp Bayramoğlu-Elif N. Keskinöz
10:10 – 10:50	LAB: The Ear _Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:00 – 11:40	LAB: The Ear _Group B	Alp Bayramoğlu-Elif N. Keskinöz
11:50 – 12:30	LAB: The Ear _Group B	Alp Bayramoğlu-Elif N. Keskinöz
13:30 – 14:10	Turkish Language and Literature EXAMINATION	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature EXAMINATION	Hülya Dündar Şahin
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

26.05.2016 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Small Group Discussion: Introduction to Clinical Chemistry Laboratory	Abdurrahman Coşkun-Fehime Aksungar
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MI: Sequence Databases and Search Methods	Uğur Sezerman
14:20 – 15:00	MI: Sequence Databases and Search Methods	Uğur Sezerman
15:10 – 15:50	MI: Sequence Databases and Search Methods	Uğur Sezerman
16:00 – 16:40	Study Time	

27.05.2016 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	
13:30 – 14:10	Medical English II EXAMINATION	
14:20 – 15:00	Medical English II EXAMINATION	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

30.05.2016 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Anatomy of the Endocrine Organs	Elif N. Keskinöz
11:00 – 11:40	Histology of the Endocrine Organs	Serap Arbak
11:50 – 12:30	Histology of the Endocrine Organs	Serap Arbak
13:30 – 14:10	LAB: Histology of the Endocrine Organs _Group A	Serap Arbak, Deniz Yücel
14:20 – 15:00	LAB: Histology of the Endocrine Organs _Group A	Serap Arbak, Deniz Yücel
15:10 – 15:50	LAB: Histology of the Endocrine Organs _Group B	Serap Arbak, Deniz Yücel
16:00 – 16:40	LAB: Histology of the Endocrine Organs _Group B	Serap Arbak, Deniz Yücel
31.05.2016 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Biochemistry of Nervous Tissue	Mustafa Serteser
11:00 – 11:40	Biochemistry of Nervous Tissue	Mustafa Serteser
11:50 – 12:30	Information transmission and content of information	Devrim Öz Arslan
13:30 – 14:10	MI: Structure Databases and Web Tools	Uğur Sezerman
14:20 – 15:00	MI: Structure Databases and Web Tools	Uğur Sezerman
15:10 – 15:50	MI: Structure Databases and Web Tools	Uğur Sezerman
16:00 – 16:40	Study Time	
01.06.2016 WEDNESDAY		
08:30 – 09:10	Biology of Sleep	Ferhal Utku Doğan
09:20 – 10:00	Stress	Yeşim Korkut
10:10 – 10:50	Histology of Taste Buds and Olfactory System	Serap Arbak
11:00 – 11:40	Taste and Olfaction	Meltem Kolgazi
11:50 – 12:30	Taste and Olfaction	Meltem Kolgazi
13:30 – 14:10	LAB: Electrooculogram _Group A	Devrim Öz Arslan-Evren Kılınc
14:20 – 15:00	LAB: Electrooculogram _Group A	Devrim Öz Arslan-Evren Kılınc
15:10 – 15:50	LAB: Electrooculogram _Group B	Devrim Öz Arslan-Evren Kılınc
16:00 – 16:40	LAB: Electrooculogram _Group B	Devrim Öz Arslan-Evren Kılınc
02.06.2016 THURSDAY		
08:30 – 09:10	Introduction to the endocrine system physiology	Meltem Kolgazi
09:20 – 10:00	Research Tools in Psychophysiology	Mehmet Ergen
10:10 – 10:50	Research Tools in Psychophysiology	Mehmet Ergen
11:00 – 11:40	Control Mechanisms	Devrim Öz Arslan
11:50 – 12:30	Control Mechanisms	Devrim Öz Arslan
13:30 – 14:10	LAB: Biofeedback and reaction time _Group A	Devrim Öz Arslan-Evren Kılınc
14:20 – 15:00	LAB: Biofeedback and reaction time _Group A	Devrim Öz Arslan-Evren Kılınc
15:10 – 15:50	LAB: Biofeedback and reaction time _Group B	Devrim Öz Arslan-Evren Kılınc
16:00 – 16:40	LAB: Biofeedback and reaction time _Group B	Devrim Öz Arslan-Evren Kılınc
03.06.2016 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	
13:30 – 14:10	MED107 BIOINFORMATICS EXAMINATION	Uğur Sezerman
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

06.06.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

07.06.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

08.06.2016 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	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

09.06.2016 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 12:30	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	

10.06.2016 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	
13:30 – 16:00	MED 106 EXAMINATION	



ACIBADEM
UNIVERSITY



2015
2016
YEAR
2

YEAR 2 COURSE CREDITS

COURSES	Theoretical Hours			Practical Hours			Study Time	Total	National credits	ECTS
	Lectures	IALS	Sub-Total	Lab study	Field study	Sub-Total				
Cell and Tissue Injury: Homeostasis	66	0	66	9	0	9	34	109	5	4
Cell and Tissue Injury: Infection and Neoplasia	92	0	92	20	0	20	70	182	7	7
Hematopoietic System and Related Disorders	66	8	74	7	0	7	45	126	6	5
Musculoskeletal System and Related Disorders	102	0	102	20	0	20	85	207	8	8
Respiratory System and Related Disorders	90	0	90	12	0	12	82	184	7	7
Clinical Medicine and Professional Skills-III	14	13	27	4	0	4	145	176	3	7
Clinical Medicine and Professional Skills-IV	16	21	37	3	29	32	135	204	4	8
Medical Informatics and Biomedical Technologies-I	72	0	72	38	0	38	40	150	6	6
Medical English-III	20	0	20	40	0	40	10	70	3	3
Medical English-IV	20	0	20	41	0	41	15	76	3	3
Elective Course-III	28	0	28	0	0	0	5	33	2	1
Elective Course-IV	28	0	28	0	0	0	5	33	2	1
TOTAL	614	42	656	194	29	223	671	1550	56	60

IALS Interactive Learning Sessions (Panels, debates, discussions, symposia, case studies, problem-based learning sessions, etc.)

Field Study Site visits, Studies in the community, Working in health facilities

Lab Study Clinical skills labs, Basic sciences labs, Computer labs, Performance sessions

Study Time Self Directed Learning, Preparation

YEAR 2 COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	66	Credit	ECTS
			Practical (Hour)	9		
Cell and Tissue Injury: Homeostasis	MED 201	Fall	Study Time (Hour)	34	5	4
Educational Language	English					
Course Type						
Course Level	Undergraduate					
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr					
Committee Chairs	Assoc. Prof. Işın AKYAR; isin.akyar@acibadem.edu.tr Assoc. Prof. Fehime BENLİ AKSUNGAR; fehime.aksungar@acibadem.edu.tr					
Academic Units & Staff	<p>Biochemistry Abdurrahman COŞKUN, M.D., Prof. Fehime BENLİ AKSUNGAR M.D., Assoc. Prof</p> <p>Biophysics Beki KAN, Ph.D., Prof.. Devrim Öz ARSLAN , Ph.D., Assist. Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>Medical Microbiology Tanıl KOCAGÖZ, M.D. Ph.D., Prof. Sesin KOCAGÖZ, M.D. Prof. Işın AKYAR, M.D., Assoc. Prof. Onur KARATUNA, M.D., Assist. Prof.</p> <p>Nuclear Medicine Erkan VARDARELİ, M.D. Prof.</p> <p>Pathology Ümit İNCE, M.D., Prof. İlker AKPOLAT, M.D., Prof. Yeşim SAĞLİCAN, M.D., Instructor Hale KIRIMLIOĞLU., M.D., Assoc Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physics Evren KILINÇ, Ph.D., Assist. Prof.</p> <p>Physiology Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof.</p> <p>Affiliated Faculty: Pharmacology Filiz ONAT, M.D., Prof. Medical Microbiology Neval Yurttutan Uyar, M.D., Instructor</p>					
Course Date	28.09.2015-26.10.2015					
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars					
Assessment Methods	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions					

Course Aims	The main aim of “Cell and Tissue: Homeostasis” course is to provide necessary knowledge about the basic mechanisms of injury, haemodynamic principles along with response of the body and describe the general features of medically important microorganisms.
Learning Outcomes	By the end of this committee, the students will be able to: <ul style="list-style-type: none">· gain knowledge about basic principles of physiology of the molecular transport systems and haemodynamic principles· distinguish types, sources and hazards of radiation· comprehend microbial metabolism and their pathogenesis in cells and tissues· classify sterilization and disinfection procedures· apply culture and microscopy techniques for identification of microorganisms· be able to define pathological response to tissue and cell injury, mechanisms of tissue repair· be able to explain and point out the importance of medical biology and genetics in medicine and define the molecular basis of genetic diseases· practice and review disease causing pathologies· review the basic concepts of nuclear medicine

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	92	Credit	ECTS
			Practical (Hour)	20		
Cell and Tissue Injury: Infections and Neoplasia	MED 203	Fall	Study Time (Hour)	70	7	7
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr					
Committee Chairs	Assoc.Prof. Hale KIRIMLIOĞLU; hale.Kirimlioglu@acibadem.edu.tr Prof. Özgür KURT; ozgur.kurt@acibadem.edu.tr					
Academic Units & Staff	<p>Biochemistry Abdurrahman COŞKUN, M.D., Prof. İbrahim ÜNSAL, M.D., Ph.D., Prof.</p> <p>Biophysics Beki KAN, Ph.D., Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>Medical Microbiology Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Özgür KURT, M.D., Prof. Işın AKYAR, M.D., Assoc. Prof. Onur KARATUNA, M.D., Assist. Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Pathology Ümit İNCE, M.D., Prof. Hale KIRIMLIOĞLU., M.D., Assoc. Prof.</p> <p>Pharmacology Emel BALOĞLU, M.D., Ph.D., Assist. Prof.</p> <p>Physiology Melike ŞAHİNER M.D., Ph.D., Assoc. Prof.</p> <p>Public Health Figen DEMİR, M.D., Assist. Prof. Immunology Tanıl KOCAGÖZ, M.D., Prof.</p> <p>Affiliated Faculty: Family Medicine Efe ONGANER, M.D., Assist. Prof.</p> <p>Pharmacology Filiz ONAT, M.D., Prof.</p>					
Course Date	02.11.2015-25.12.2015					
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars					
Assessment Methods	Theoretical and Practical Subject Committee Exams, Homework, Presentations, Discussions					
Course Aims	The purpose of this course is to expand medical students' basic science knowledge to comprehend how certain changes in human body may give rise to disease and to analyze underlying processes of human diseases while developing their scientific skills.					

Learning Outcomes	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none">· explain using proper nomenclature, etiology, pathogenesis of diseases, structural and functional changes at tissue, cellular and subcellular level· explain in detail what happens to cells and tissues in response to abnormal stimuli,· explain basic principles of protection (immune) systems against microorganisms and foreign molecules· to define the biochemical aspects of cell death in health and diseases· to classify infectious microorganisms and define their pathogenic features· describe bacterial, viral, fungal and parasitic infections and their disease causing mechanisms· apply laboratory methods for the diagnosis of infectious agents· define the basic pharmacokinetic and pharmacodynamic principles of drugs
--------------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	66	Credit	ECTS
			Practical (Hour)	7		
Hematopoietic System and Related Disorders	MED 205	Fall	Study Time (Hour)	45	6	5
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr					
Committee Chairs	Assist. Prof. Ant Uzay; ant.uzay@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr					
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof.</p> <p>Biochemistry Abdurrahman COŞKUN, M.D., Prof. Muhittin Serdar , M.D., Prof.</p> <p>Family Medicine Demet DİNÇ, M.D., Instructor</p> <p>Haematology Siret RATİP, M.D., Ph.D., Prof. Ant UZAY, M.D., Assist. Prof. Ertuğrul ERYILMAZ , M.D., Assist. Prof.</p> <p>Medical Biology Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.</p> <p>Histology and Embryology Serap ARBAK, Ph.D., Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Medical Microbiology Sesin KOCAGÖZ, M.D., Prof. Özgür KURT M.D., Prof.</p> <p>Pediatric Haematology Cengiz CANPOLAT, M.D., Prof. Ertuğrul ERYILMAZ , M.D., Assist. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology Meltem KOLGAZİ, Ph.D, Assist. Prof.</p> <p>Affiliated Faculty</p> <p>Pharmacology Filiz ONAT , M.D., Prof.</p> <p>Pathology Mine ERAY, M.D., Instructor</p>					
Course Date	28.12.2015 - 29.01.2016					
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars, Interactive Module					
Assessment Methods	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions					
Course Aims	The aim of this course is to provide an account of the histological, physiological, biochemical and genetic basis of the haematological processes with descriptions of the clinical and laboratory features and management of blood disorders.					

Learning Outcomes	By the end of this course, the students will be able to: <ul style="list-style-type: none">· define the basic histological, physiological, biochemical and genetic properties involved in haematological processes· describe the pathology which occurs when these normal processes are disturbed· explain the processes that protect our body from infectious agents· explain the clinical and laboratory features of common blood disorders and their management
--------------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	27	Credit	ECTS
			Practical (Hour)	4		
Clinical Medicine and Professional Skills-III	MED 207	Fall	Study Time (Hour)	145	3	7
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr					
CMPS Coordinators	Assist. Prof. Figen DEMİR; figen.demir@acibadem.edu.tr Assoc. Prof. Pınar TOPSEVER; pinar.topsever@acibadem.edu.tr					
Academic Units & Staff	<p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D., Instructor</p> <p>History of Medicine and Ethics Yeşim Işıl ÜLMAN, Ph.D., Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, MD., Ph.D., Prof.</p> <p>Microbiology Işın Akyar, M.D., Assoc. Prof. Onur Karatuna, M.D., Assist. Prof</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Prof. Figen DEMİR, M.D., Ph.D, Assist. Prof. Yeşim YASİN, M.A, MSc. Ph.D, Assist. Prof.</p> <p>Affiliated Faculty İnci USER, PhD., Assoc. Prof. Işıl PAKIŞ, M.D., Ph.D., Assoc. Prof. Ükke KARABACAK Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D., Ph.D, Assist. Prof. Şirin PARKAN M.D., Instructor</p>					
Course Date	29.09.2015-28.01.2016					
Educational Methods	Interactive lectures, drama, role play, peer discussions, experiential learning, field studies, seminars, site visits, group assignments, making projects, group presentations and discussions, reflective and peer group learning experiences, skills training with task trainers and on models, simulated patient encounters.					
Assessment Methods	Theoretical and practical examinations, essays, presentations, performance based assessment, OSPEs (objective standardized practical examinations), written examination, log-books, standardized evaluation of projects, standardized patient encounters.					
Course Aims	<p>This course aims to:</p> <p>Clinical and Communication Skills: provide necessary knowledge and skills about;</p> <ul style="list-style-type: none"> · communicating effectively with patients, their relatives and carers · patient centered history taking (anamnesis) <p>Health and Society: create a learning opportunity for students to develop the knowledge and skills related to the prevention and promotion of population health</p> <p>Research in Health: to create a learning opportunity for students to gain knowledge and skills related to planning and conducting a medical research project.</p>					

<p>Learning Outcomes</p>	<p>By the end of this course, the students will;</p> <p>Clinical and Communication Skills:</p> <ul style="list-style-type: none"> · name the steps and defines 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 · have established competence in interpersonal communication with individuals from different backgrounds (health status and socio-demographics) · be able to communicate effectively with patients, their relatives/carers to collect and to give correct and necessary information · ensure patient participation in medical decisions and obtain informed consent · 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 · correctly plan and take a complete medical history (anamnesis) <p>Health and Society:</p> <ul style="list-style-type: none"> · discuss the principles and application of primary, secondary and tertiary prevention of disease and promotion of health · discuss the relations between different aspect of stratification and health and illness · social class and health · race/ethnicity and health · gender and health · age and health · recognize the role of environmental and occupational hazards in ill health and discuss ways to mitigate their effects · prepare a project proposal to develop and use the appropriate tools for health promotion and prevention <p>Research in Health:</p> <ul style="list-style-type: none"> · 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 <p>Procedural Skills:</p> <ul style="list-style-type: none"> · 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 · administer I.V. drips correctly on task trainers, be able to do i.v. puncture, i.v. injection and i.m. injections correctly on task trainers
---------------------------------	--

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	72	Credit	ECTS
			Practical (Hour)	38		
Medical Informatics and Biomedical Technologies-I	MED 209	Fall-Spring	Study Time (Hour)	40	6	6
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr					
Course Coordinators	Prof. Uğur SEZERMAN; ugur.sezerman@acibadem.edu.tr Assist. Prof. Erdal COŞGUN; erdal.coskun@acibadem.edu.tr Assist. Prof. Onur KARATUNA; onur.karatuna@acibadem.edu.tr					
Academic Units & Staff	Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Beki KAN, Ph.D., Prof. Cengiz YAKICIER, M.D., Prof. Ümit İNCE, M.D., Prof. Çağlar ÇUHADAROĞLU, M.D., Prof. Ercan KARAARSLAN, M.D., Prof. Abdurrahman COŞGUN, M.D., Prof. Özgür KURT, M.D., Ph.D., Prof. Alp DİNÇER, M.D, Assoc. Prof. Işın AKYAR, M.D., Assoc. Prof. Geysu KARLIKAYA, M.D., Assoc. Prof. Ümit AKSOY ÖZCAN, M.D., Assoc. Prof. Evren KILINÇ, Ph.D., Assist. Prof. Onur KARATUNA, M.D. Assist. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof. Deniz YÜCEL, Ph.D., Assist. Prof. Erdal COŞGUN, Ph.D., Assist. Prof. Sıla ULUS, M.D., Assist. Prof. Beste KINIKOĞLU, Ph.D., Assist. Prof. Meltem KİLERCİK, M.D. Assist. Prof. Sinem ÖKTEM OKULLU, MSc., Instructor Affiliated Faculty Information Technologies Özge SAĞIROĞLU YURDAKUL Sedat KESMEN Kaspar ZAKARYAN Doğan ULUTÜRK					
Course Date	04.11.2015 - 06.06.2016					
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars					
Assessment Methods	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions					
Course Aims	One of the aims of this course is to provide knowledge about information technologies used in medicine. The other main aim of the course is to enable students to implement biostatistics for evaluation of medical data. The aims also include providing 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.					

<p>Learning Outcomes</p>	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> · gain knowledge about the operating systems, computer hardware and software systems · have experience of word processing, presentation and data analysis software programs · have experience on data security · use hospital automation systems · comprehend the role and importance of information technologies (IT) infrastructure for improving the medical science. · practice and review the computer and its application · gain knowledge about the principles of flow cytometry and how it is used in cell differentiation and counting · apply biostatistics in medical research wherever it is necessary · choose the appropriate biostatistical analytic tool to analyze medical data · perform medical research projects using their knowledge of bioinformatics and biostatistics · 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 · comprehend the principles of image production by X-Ray, ultrasonography, computerized tomography (CT) and magnetic resonance imaging (MRI) · understand the principle of bronchoscopy and how it is used for diagnostic and therapeutic purposes · gain knowledge about the applications of polysomnography
---------------------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	102	Credit	ECTS
			Practical (Hour)	20		
Musculoskeletal System and Related Disorders	MED 206	Spring	Study Time (Hour)	85	8	8

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr
Committee Chairs	Assoc. Prof. Umut Akgün; umut.ahgün@acibadem.edu.tr Assist. Prof. Meltem Kolgazi; meltem.kolgazi@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor.</p> <p>Biochemistry Mustafa SERTESEER, M.D., Prof. Fehime BENLİ AKSUNGAR M.D., Assoc. Prof</p> <p>Biophysics Beki KAN, Ph.D., Prof. Histology & Embryology: Serap ARBAK, Ph.D., Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Infectious Disease Sesin KOCAGÖZ, M.D., Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Medical Biology Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Orthopedics and Traumatology Nadir ŞENER, M.D., Prof. Ufuk NALBANTOĞLU, M.D., Prof. Vuslat Sema ÜNAL, M.D., Prof. Mehmet Uğur ÖZBAYDAR, M.D., Assoc. Prof..</p> <p>Pathology Özlem AYDIN, M.D., Prof. Hale KIRIMLIOĞLU, M.D., Assoc. Prof.</p> <p>Pediatrics Günseli BOZDOĞAN, M.D., Assist. Prof. Sibel AKA, M.D., Assist. Prof.</p> <p>Pharmacology Emel BALOĞLU, M.D., Ph.D., Assist. Prof.</p> <p>Physical Medicine and Rehabilitation Zeynep GÜVEN, M.D., Prof. Reyhan ÇELİKER, M.D., Prof. Ayçe ATALAY, M.D., Assoc. Prof.</p> <p>Physics Evren KILINÇ, Ph.D., Assist. Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D., Prof.</p> <p>Radiology Ercan KARAARSLAN, M.D., Prof.</p>

	<p>Rheumatology Mehmet KARAARSLAN, M.D., Assist. Prof.</p> <p>Affiliated Faculty Family Medicine: Efe ONGANER, M.D., Assist. Prof.</p> <p>Pharmacology Filiz ONAT, M.D., Prof.</p> <p>Physical Medicine and Rehabilitation Meral BAYRAMOĞLU,</p> <p>Orthopedics and Traumatology Alper KAYA, M.D., Assoc. Prof.</p>
Course Date	15.02.2016-15.04.2016
Educational Methods	Theoretical and Practical Courses, Discussions, Field Studies, Seminars
Assessment Methods	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	<p>The purpose of this course is to provide necessary knowledge about structure and function of musculoskeletal system. This system gives humans ability to move using the muscles and skeleton.</p> <p>The musculoskeletal system provides form, stability, and movement to the human body. It is made up of the body's bones (the skeleton) muscle, cartilage, tendons, ligaments, joints, and other connective tissue (the tissue that supports and binds tissues and organs together). The musculoskeletal system's primary functions include supporting the body, allowing motion, and protecting vital organs. In this committee students will be informed about all these structures, their diseases and treatment methods.</p>
Learning Outcomes	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> · learn the muscles and bones at the ultrastructural level · make a correlation between muscle and bone ultrastructure and their function · learn the microscopic structure of bone and muscle · understand the biophysics of muscle contraction · learn the management of symptoms of functional impairment related to musculoskeletal disorders in primary care · understand the developmental & acquired abnormalities of the musculoskeletal system · learn the diagnosis and treatment of traumatic disorders of the musculoskeletal system · learn the pathologies of the musculoskeletal system at microscopic level · know pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatments of musculoskeletal system related diseases/disorders · understand the physical rehabilitation of musculoskeletal system related disorders

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	90	Credit	ECTS
			Practical (Hour)	12		
Respiratory System and Related Disorders	MED 208	Spring	Study Time (Hour)	82	7	7

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr
Committee Chairs	Assist. Prof. Günseli BOZDOĞAN; gunseli.bozdogan@acibadem.edu.tr Assist. Prof. Özge Can ; ozge.can@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor.</p> <p>Biochemistry Mustafa SERTESER, M.D., Prof. Abdurrahman COŞKUN, M.D., Prof.</p> <p>Biophysics Beki KAN, Ph.D., Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Histology & Embryology: Serap ARBAK, Ph.D., Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Infectious Diseases Sesin KOCAGÖZ, M.D., Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Medical Biology Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Nuclear Medicine Levent GÜNER, M.D., Assist. Prof.</p> <p>Otolaryngology Melih Güven GÜVENÇ, M.D., Assoc. Prof. Şenol POLAT, M.D., Assoc. Prof.</p> <p>Pathology Handan ZEREN, M.D., Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Pediatrics Yasemin ALANAY, M.D., Ph.D., Prof. Günseli BOZDOĞAN, M.D., Assist. Prof. Müjde ARAPOĞLU, M.D., Assist. Prof. Sibel AKA, M.D., Assist. Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof. Mehmet ERGEN, M.D., Ph.D., Assist. Prof.</p> <p>Pulmonary Medicine Handan ZEREN, M.D., Prof. Çağlar ÇUHADAROĞLU, M.D., Prof. Ceyda EREL KİRİŞOĞLU, M.D., Assist. Prof. Suha ALZAFER, M.D., Instructor</p>

	<p>Pejman GOLABAI, M.D., Instructor Hilal ALTUNÖZ, M.D.,Ph.D., Instructor Radiology Sıla ULUS, M.D., Assist. Prof. Thoracic Surgery Semih HALEZEROĞLU, M.D., Prof Erdal OKUR, M.D., Assoc. Prof.</p> <p>Affiliated Faculty Pharmacology Filiz ONAT , M.D., Prof. Pulmonary Medicine Öner DİKENSOY, M.D., Prof.</p>
Course Date	18.04.2016-10.06.2016
Educational Methods	Theoretical and Practical Courses, Discussions, Field Studies, Seminars, Interactive Module
Assessment Methods	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	This course aims to provide necessary knowledge about the upper and lower respiratory system structure, function. It also aims to teach how to recognize the respiratory diseases and their treatment.
Learning Outcomes	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> · identify the anatomical structures that concern with respiratory system(Nose, Nasal cavity, Larynx, Trachea, Bronchus, Diaphragm, Lungs, Pleura, thorax, Mediastinum) · define the histological features and the structural-functional relationship of the organs forming the upper and lower respiratory systems. · define the developmental stages and structural anomalies during the development process of the respiratory system · describe acute phase reactions, biochemical aspects of allergic reactions and laboratory investigation of allergic diseases, laboratory diagnosis of autoimmune diseases and paraproteins · repeat the gas laws and Laplace's law and explain the structure of the air –blood barrier and gas exchange in lungs and tissue · review the respiratory system functions, lung volumes and capacities , the principles of spirometry and the regulation of respiration, · describe the factors impairing normal function of respiratory system and their pathological reactions in various pathologic conditions. · define the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatments of respiratory system related diseases/disorders · describe the agents that causes the upper and lower airway infections and their laboratory and clinical diagnosis · acquire and utilize knowledge of the diagnosis and treatment of diseases of the upper and lower respiratory system · practice the examination of respiratory system and interpret the complaints and history of the patients with the symptoms of respiratory system in clinics and primary care · acquire and utilize knowledge of the population health, epidemiologic and preventive health aspects of diseases of the respiratory system · define the environmental and occupational lung disease and prevention · define the principles, limitations and uses of imaging modalities in respiratory system. · thorough understanding of the indications and imaging algorithms in respiratory system imaging identify elementary lesions of respiratory system pathology in CXR and CT imaging modalities · define the prevention, diagnosis and treatment of tuberculosis

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	37	Credit	ECTS
			Practical (Hour)	32		
Clinical Medicine and Professional Skills-IV	MED 210	Spring	Study time (Hour)	135	4	8
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr					
CMPS Coordinators	Assist. Prof.Figen Demir; figen.demir@acibadem.edu.tr Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr					
Academic Units & Staff	<p>Behavioral Science Cem INCESU, M.D., Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D., Instructor</p> <p>History of Medicine and Ethics Yeşim Işıl ÜLMAN, Ph.D., Prof. Fatih ARTVİNLİ, Ph.D., Assist. Prof.</p> <p>Orthopedics and Traumatology Umut AKGÜN, M.D., Assoc. Prof. Barış KOCAOĞLU, M.D., Assist. Prof.</p> <p>Pediatrics Yasemin ALANAY, M.D., Ph.D. Prof. Emel ÇELEBİ, M.D., Instructor</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Prof. Figen DEMİR, M.D., MPH, Assist. Prof. Yeşim YASİN, M.A, MSc. Ph.D, Assist. Prof.</p> <p>Affiliated Faculty Ahmet ÇAKIROĞLU, M.D., Prof. Gülsüm ÖNAL, M.D.</p>					
Course Date	23.02.2015-06.06.2016					
Educational Methods	Lectures, case studies, group presentations and discussions and self-directed learning sessions, field studies, projects, data analyze, case studies, skills training with task trainers and on models.					
Assessment Methods	Written examination, case analyzing, standardized evaluation of projects and performances and group presentations of assignments, OSPEs (objective standardized practical examinations).					
Course Aims	<p>This course aims to create a learning opportunity for students to</p> <p>Medical Ethics and Humanities understand the rights of patients, responsibilities of physicians and comprehend the beginning and end of life issues</p> <p>Research in Health gain knowledge and skills related to planning and conducting a medical research project.</p>					

Learning Outcomes	<p>At the end of this course, students will;</p> <p><i>Medical Ethics and Humanities:</i></p> <ul style="list-style-type: none">· 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 <p><i>Research in Health:</i></p> <ul style="list-style-type: none">· perform the designed study and analyze the collected data· present the result <p><i>Procedural skills</i></p> <ul style="list-style-type: none">· be able to correctly apply immobilizing and fixation techniques with braces and bandages in a simulated environment· be able to weigh infants and children, measure the head circumference of infants, measure the height of infants (on models) and children, and to interpret results according to percentile growth charts
--------------------------	--



ACIBADEM
UNIVERSITY

Y
E
A
R
F
A
M
I
L
I
E
S
R
E
S
E
A
R
C
H
E
D
D
U
L
I
E



28.09.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	Introduction to the Year 2	Mustafa Aktekin-Devrim Öz Arslan
11:00 – 11:40	Introduction to MED 201 Subject Committee	Fehime Benli Aksungar -Işın Akyar
11:50 – 12:30	Introduction to immunology	Tanıl Kocagöz
13:30 – 14:10	Microbial growth, cultivation of microorganisms	Sesin Kocagöz
14:20 – 15:00	Microbial growth, cultivation of microorganisms	Sesin Kocagöz
15:10 – 15:50	Laboratory safety, collection and transport of specimens	Işın Akyar
16:00 – 16:40	LAB: Laboratory safety, collection and transport of specimens	Işın Akyar

29.09.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 12:30	CMPS-III: Research in Health <i>Introduction to Research in Health and overview of scientific research</i> <i>How to do research? An introduction to research process</i>	Figen Demir, Pınar Topsever
13:30 – 15:00	CPMS-III: Clinical and Communication Skills – Introduction, Patient-centered routine investigation-I: History taking Patient-centered routine investigation-I: Patient-centered approach	Pınar Topsever, Efe Onganer, Demet Dinç, Şirin Parkan
15:10 – 15:50	LAB: Culturing microorganisms	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
16:00 – 16:40	LAB: Culturing microorganisms	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar

30.09.2015 WEDNESDAY		
10:00 – 12:00	Opening Ceremony	
13:30 – 14:10		
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu

01.10.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Body fluids and oedema	Mehmet Ergen
10:10 – 10:50	Body fluids and oedema	Mehmet Ergen
11:00 – 11:40	Bacterial classification, observation of microorganisms by microscopy	Tanıl Kocagöz
11:50 – 12:30		
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	
16:50 – 17:30		

02.10.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Functions of the cells and organs of the immune system	Mehmet Ergen
10:10 – 10:50	Functions of the cells and organs of the immune system	Mehmet Ergen
11:00 – 11:40	LAB: Culturing microorganisms	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
11:50 – 12:30	LAB: Microscopic examination of microorganisms	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
13:30 – 14:10	Antigens	Tanıl Kocagöz
14:20 – 15:00	Innate immunity	Tanıl Kocagöz
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

05.10.2015 MONDAY		
08:30 – 09:10	Introduction to pharmacology and toxicology	İsmail Hakkı Ulus
09:20 – 10:00	Electromagnetic spectrum	Evren Kılınç
10:10 – 10:50	Radioactivity: the decay law	Beki Kan
11:00 – 11:40	Sterilization and disinfection	Onur Karatuna
11:50 – 12:30	Sterilization and disinfection	Onur Karatuna
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Pharmacokinetics: Drug absorption and distribution	Filiz Onat
16:00 – 16:40	Pharmacokinetics: Drug absorption and distribution	Filiz Onat

06.10.2015 TUESDAY		
08:30 – 09:10	Complement system	Tanıl Kocagöz
09:20 – 10:00	Biochemical aspect of cell death	Abdurrahman Coşkun
10:10 – 10:50	Biochemical aspect of cell death	Abdurrahman Coşkun
11:00 – 11:40	Microbial genetics	Işın Akyar
11:50 – 12:30	Microbial genetics	Işın Akyar
13:30 – 14:10	CPMS-III: Clinical and Communication Skills – Introduction, Patient-centered routine investigation-II: History taking	Pınar Topsever, Efe Onganer, Demet Dinç, Şirin Parkan
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

07.10.2015 WEDNESDAY		
08:30 – 09:10		
09:20 – 10:00	Adaptive immunity	Tanıl Kocagöz
10:10 – 10:50	Adaptive immunity	Tanıl Kocagöz
11:00 – 11:40	Physical half-life, biological half life, types of radiation	Beki Kan
11:50 – 12:30	Types of radiation	Beki Kan
13:30 – 14:10	Introduction to pathology	Ümit İnce
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçiöğlü

08.10.2015 THURSDAY		
08:30 – 09:10	Antibodies	Tanıl Kocagöz
09:20 – 10:00	Antibodies	Tanıl Kocagöz
10:10 – 10:50	Dosimetry, basic concepts	Devrim Öz Arslan
11:00 – 11:40	Interaction of radiation with matter	Devrim Öz Arslan
11:50 – 12:30	Study time	
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçiöğlü
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

09.10.2015 FRIDAY		
08:30 – 09:10	Cellular responses to stress and toxic insults; adaptation, injury and death	İlker Akpolat
09:20 – 10:00	Cellular responses to stress and toxic insults; adaptation, injury and death	İlker Akpolat
10:10 – 10:50	Immune disorders: Hypersensitivity reactions	Onur Karatuna
11:00 – 11:40	Pharmacokinetics: Drug metabolism and elimination	Filiz Onat
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

12.10.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40	MED 201 EXAMINATION	
11:50 – 12:30		
13:30 – 14:10	Immunological diagnostic tools	Tanıl Kocagöz
14:20 – 15:00	Immunological diagnostic tools	Tanıl Kocagöz
15:10 – 15:50	LAB: Immunological diagnostic tools	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
16:00 – 16:40	Study time	

13.10.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS-III: Research in Health	
11:00 – 11:40	<i>Formulating a research question</i>	Figen Demir
11:50 – 12:30	Study time	
13:30 – 14:10	Acute inflammation	Yeşim Sağlıcan
14:20 – 15:00	Chronic inflammation	Yeşim Sağlıcan
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

14.10.2015 WEDNESDAY		
08:30 – 09:10	Tissue renewal, repair and regeneration	İlker Akpolat
09:20 – 10:00	Tissue renewal, repair and regeneration	İlker Akpolat
10:10 – 10:50	Molecular and radiobiological behavior	Devrim Öz Arslan
11:00 – 11:40	Effects of ionizing radiation on the cell and organism	Devrim Öz Arslan
11:50 – 12:30		
13:30 – 14:10	Pharmacodynamics: Principles of drug actions	İsmail Hakkı Ulus
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

15.10.2015 THURSDAY		
08:30 – 09:10	Antimicrobial agents, mechanisms of action and resistance	Tanıl Kocagöz
09:20 – 10:00	Antimicrobial agents, mechanisms of action and resistance	Tanıl Kocagöz
10:10 – 10:50	Antimicrobial agents, mechanisms of action and resistance	Tanıl Kocagöz
11:00 – 11:40	Hemodynamic disorders, thromboembolic disease, and shock	İlker Akpolat
11:50 – 12:30	Pathology of hypersensitivity reactions	Hale Kırımlioğlu
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	
16:50 – 17:30	Study time	

16.10.2015 FRIDAY		
08:30 – 09:10	Microbial pathogenesis	Sesin Kocagöz
09:20 – 10:00	Microbial pathogenesis	Sesin Kocagöz
10:10 – 10:50	Pharmacodynamics: drug receptor interactions and dose-response relations	İsmail Hakkı Ulus
11:00 – 11:40	Pharmacodynamics: drug receptor interactions and dose-response relations	İsmail Hakkı Ulus
11:50 – 12:30	Study time	
13:30 – 14:10	Immunodeficiency syndromes, Amyloid	Hale Kırımlioğlu
14:20 – 15:00	Autoimmune diseases and rejection of transplant	Hale Kırımlioğlu
15:10 – 15:50	Autoimmune diseases and rejection of transplant	Hale Kırımlioğlu
16:00 – 16:40	Study time	

19.10.2015 MONDAY		
08:30 – 09:10	Introduction to Radiology : Definition, Types of Imaging, Impact	Alp Dinçer
09:20 – 10:00	Introduction to Radiology : Definition, Types of Imaging, Impact	Alp Dinçer
10:10 – 10:50	Drug interactions	Filiz Onat
11:00 – 11:40	Drug interactions	Filiz Onat
11:50 – 12:30	Study time	
13:30 – 14:10	LAB: Antibiotic susceptibility test (Application)	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
14:20 – 15:00	LAB: Antibiotic susceptibility test (Application)	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

20.10.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Molecular imaging, basic concepts	Erkan Vardareli
10:10 – 12:30	CMPS-III: Research in Health: Identifying variables Main types of scientific research Qualitative studies, Cross-sectional studies	Yeşim Yasın Figen Demir Pinar Topsever
13:30 – 15:00	CPMS-III: Clinical and Communication Skills <i>Patient-centered routine investigation – III: History taking</i>	Pinar Topsever, Efe Onganer, Demet Dinç, Şirin Parkan
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

21.10.2015 WEDNESDAY		
08:30 – 09:10	Pharmacogenetics: receptors, transporters and enzymes polymorphisms	İsmail Hakkı Ulus
09:20 – 10:00	Factors affecting drug actions	İsmail Hakkı Ulus
10:10 – 10:50	From pathology to disease-I	Pinar Topsever
11:00 – 11:40	From pathology to disease-I	Pinar Topsever
11:50 – 12:30	LAB: Antibiotic susceptibility test (Evaluation)	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
13:30 – 14:10		
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu

22.10.2015 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	
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

23.10.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

26.10.2015 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	
13:30 – 14:10	MED 201 EXAMINATION	
14:20 – 15:00		
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

27.10.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	CMPS-III: Research in Health Cohort and case-control studies	Figen Demir, Pınar Topsever
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	CPMS-III: Clinical and Communication Skills – <i>History taking (CASE)</i>	Pınar Topsever, Efe Onganer, De- met Dinç, Şirin Parkan
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		
16.50 – 17.30		

28.10.2015 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	
REPUBLIC DAY		

29.10.2015 THURSDAY		
REPUBLIC DAY		

30.10.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

02.11.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00	Introduction to MED 203 Subject Committee	Özgür Kurt-Hale Kırımlıoğlu
10:10 – 10:50	Gram positive cocci	Sesin Kocagöz
11:00 – 11:40	Gram positive cocci	Sesin Kocagöz
11:50 – 12:30	Gram positive cocci	Sesin Kocagöz
13:30 – 14:10	Gram negative cocci	Hülya Kuşoğlu
14:20 – 15:00	Gram positive aerobic bacilli	Hülya Kuşoğlu
15:10 – 15:50	Gram positive aerobic bacilli	Hülya Kuşoğlu
16:00 – 16:40		

03.11.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS-III: Research in Health	Melike Şahiner
11:00 – 11:40	Experimental studies	Figen Demir
11:50 – 12:30	Animal studies	
	Study time	
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50	CPMS-III: Clinical and Communication Skills – <i>History taking (CASE)</i>	Pınar Topsever, Efe Onganer, Demet Dinç, Şirin Parkan
16:00 – 16:40		
16.50 – 17.30		

04.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Neisseria, Haemophilus	Işın Akyar
10:10 – 10:50	Heat and temperature and heat transfer	Beki Kan
11:00 – 11:40	Temperature transducers, thermography	Beki Kan
11:50 – 12:30	MI&BT-I: Laboratory instruments	Abdurrahman Coşkun
13:30 – 14:10	MI&BT-I: Nucleic acid amplification	Cemaliye Akyerli Boylu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	

05.11.2015 THURSDAY		
08:30 – 09:10	Bordetella, Legionella	Işın Akyar
09:20 – 10:00	HACEK	Işın Akyar
10:10 – 10:50	Introduction to Radiology II: Definition, Types of Imaging, Impact	Alp Dinçer
11:00 – 11:40	Introduction to Radiology II: Definition, Types of Imaging, Impact	Alp Dinçer
11:50 – 12:30	Tissue responses to infections	Hale Kırımlıoğlu
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

06.11.2015 FRIDAY		
08:30 – 09:10	LAB: Identification of Gram positive cocci	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
09:20 – 10:00	LAB: Identification of Gram positive cocci	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
10:10 – 10:50	LAB: Identification of Gram negative cocci	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
11:00 – 11:40	General principles of antimicrobial therapy	Emel Baloğlu
11:50 – 12:30	Sulfonamids, trimethoprim-sulfamethoxazole and quinolones	Emel Baloğlu
13:30 – 14:10	Study time	
	MI&BT-I	<i>Group A:</i> A. Coşkun, O. Karatuna (University)
14:20 – 16:40	<i>Group A: Introduction to Clinical Laboratory; Laboratory Instruments</i> <i>Group B: Nucleic acid amplification</i>	<i>Group B:</i> C. A. Boylu, T. Kocagöz, S. Ö. Okullu, N. A. Ünübol (University)

09.11.2015 MONDAY		
08:30 – 09:10	Enteric Gram negative bacilli	Neval Yurttutan Uyar
09:20 – 10:00	Enteric Gram negative bacilli	Neval Yurttutan Uyar
10:10 – 10:50	Thermoregulatory functions of the hypothalamus	Melike Şahiner
11:00 – 11:40	Thermoregulatory functions of the hypothalamus	Melike Şahiner
11:50 – 12:30	Study time	
13:30 – 14:10	General pathology and tissue responses to infections	Hale Kırımlioğlu
14:20 – 15:00	General pathology and tissue responses to infections	Hale Kırımlioğlu
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

10.11.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Nonfermenters	Tanıl Kocagöz
11:00 – 11:40	Anaerobic bacteria	Işın Akyar
11:50 – 12:30	Anaerobic bacteria	Işın Akyar
13:30 – 14:10	LAB: Enteric Gram negative bacilli	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
14:20 – 15:00	LAB: Enteric Gram negative bacilli	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

11.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Neoplasia-1: Introduction to Nomenclature	Ümit İnce
10:10 – 10:50	Neoplasia-2: Characteristics of benign and malignant neoplasms (Part-1)	Ümit İnce
11:00 – 11:40	Penicillins	Filiz Onat
11:50 – 12:30	Penicillins	Filiz Onat
13:30 – 14:10	Application of heat and cold in medicine	Beki Kan
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu

12.11.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Study time	
11:00 – 11:40	LAB: Anaerobic bacteria	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
11:50 – 12:30	LAB: Anaerobic bacteria	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Elective Course-III	

13.11.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	CMPS-III: Research in Health	İsmail Hakkı Ulus
10:10 – 10:50	Clinical and drug research	
11:00 – 11:40	Brucella	Tanıl Kocagöz
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	MI&BT-I	Group B: A. Coşkun, O. Karatuna (University)
15:10 – 15:50	Group B: <i>Introduction to Clinical Laboratory; Laboratory Instruments</i>	Group A: C. A. Boylu, T. Kocagöz, S. Okullu, N. A. Ünübol (University)
16:00 – 16:40	Group A: <i>Nucleic acid amplification</i>	

16.11.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Campylobacter, Helicobacter	Hülya Kuşoğlu
10:10 – 10:50	Cephalosporins and other beta-lactam antibiotics	Filiz Onat
11:00 – 11:40	Cephalosporins and other beta-lactam antibiotics	Filiz Onat
11:50 – 12:30	Study time	
13:30 – 14:10	MT&BT-I: Electrophoresis	Tanıl Kocagöz
14:20 – 15:00	MT&BT-I: Electrophoresis	Tanıl Kocagöz
15:10 – 15:50	MI&BT-I Biostatistics: Basic statistical concepts	Erdal Coşgun
16:00 – 16:40	MI&BT-I Biostatistics: Basic statistical concepts	Erdal Coşgun
17.11.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Prostaglandins	Abdurrahman Coşkun
10:10 – 10:50	Prostaglandins	Abdurrahman Coşkun
11:00 – 11:40	CMPS-III: Research in Health; Data collection methods and tools, Designing a questionnaire, Planning data collection	Pınar Topsever Figen Demir
11:50 – 12:30		
13:30 – 14:10	CMPS-III: Research in Health:Research ethics	Yeşim Ülman
14:20 – 15:00	Writing a research proposal	Figen Demir
15:10 – 15:50		
16:00 – 16:40	Study time	
18.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB:MI&BT-I Biostatistics: Basic statistical concepts_Group A	Erdal Coşgun
10:10 – 10:50	LAB:MI&BT-I Biostatistics: Basic statistical concepts_Group B	Erdal Coşgun
11:00 – 11:40	Study time	
11:50 – 12:30	Study time	
13:30 – 14:10	Aminoglycosides	Emel Baloğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu
19.11.2015 THURSDAY		
08:30 – 09:10	Neoplasia-3: Characteristics of benign and malignant neoplasms (Part-2)	Ümit İnce
09:20 – 10:00	Neoplasia-4 : Molecular basis of cancer (Part-1)	Ümit İnce
10:10 – 10:50	Epidemiology of infectious diseases	Yeşim Yasin
11:00 – 11:40	Study time	
11:50 – 12:30	Study time	
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	
20.11.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

23.11.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Study time	
11:00 – 11:40	MED 203 EXAMINATION	
11:50 – 12:30		
13:30 – 14:10	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS)	Erdal Coşgun
14:20 – 15:00	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS)	Erdal Coşgun
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

24.11.2015 TUESDAY		
08:30 – 09:10	Yersinia, Francisella	Işın Akyar
09:20 – 10:00	Pasteurella, Vibrio	Işın Akyar
10:10 – 10:50	MI&BT-I Group A&B: Electrophoresis	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol (University)
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	CPMS-III: Clinical and Communication Skills –History taking (CASE) (Student groups to be announced)	Pınar Topsever, Efe Onganer, De- met Dinç, Şirin Parkan
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		
16:50 – 17:30		

25.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS)_Lab_	Erdal Coşgun
10:10 – 10:50	Group A	
11:00 – 11:40	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS)_Lab_	Erdal Coşgun
11:50 – 12:30	Group B	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu

26.11.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Mycobacteria, Nocardia and Actinomycetes	Tanıl Kocagöz
10:10 – 10:50	Mycobacteria, Nocardia and Actinomycetes	Tanıl Kocagöz
11:00 – 11:40	Mycobacteria, Nocardia and Actinomycetes	Tanıl Kocagöz
11:50 – 12:30	Study time	
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

27.11.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS III EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Cancer Chemotherapeutics	Emel Baloğlu
14:20 – 15:00	Cancer Chemotherapeutics	Emel Baloğlu
15:10 – 15:50	Protein synthesis inhibitors and miscellaneous antimicrobial agents	Emel Baloğlu
16:00 – 16:40	MI&BT-I: Clinical Laboratory Applications: Pathology	Ümit İnce

30.11.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Spirochetes	Onur Karatuna
10:10 – 10:50	Spirochetes	Onur Karatuna
11:00 – 11:40	Mycoplasma, Chlamydia, Rickettsia	Işın Akyar
11:50 – 12:30	Mycoplasma, Chlamydia, Rickettsia	Işın Akyar
13:30 – 14:10	DNA viruses	Tanıl Kocagöz
14:20 – 15:00	DNA viruses	Tanıl Kocagöz
15:10 – 15:50	MI&BT-I: Clinical laboratory applications: Microbiology and molecular microbiology	Onur Karatuna
16:00 – 16:40	Study time	

01.12.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	DNA viruses	Tanıl Kocagöz
10:10 – 10:50	DNA viruses	Tanıl Kocagöz
11:00 – 11:40	LAB: Identification of Mycobacteria, Nocardia and Actinomycetes	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
11:50 – 12:30	LAB: Identification of Mycobacteria, Nocardia and Actinomycetes	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50	CPMS-III: Clinical and Communication Skills –History taking (CASE)	Pinar Topsever, Efe Onganer, Demet Dinç, Şirin Parkan
16:00 – 16:40	(Student groups to be announced)	
16.50 – 17.30		

02.12.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	RNA viruses	Sesin Kocagöz
10:10 – 10:50	RNA viruses	Sesin Kocagöz
11:00 – 11:40	Introduction to Medical Parasitology	Özgür Kurt
11:50 – 12:30	Protozoa	Özgür Kurt
13:30 – 14:10	International classification of functionality	Efe Onganer
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu

03.12.2015 THURSDAY		
08:30 – 09:10	RNA Viruses	Sesin Kocagöz
09:20 – 10:00	RNA Viruses	Sesin Kocagöz
10:10 – 10:50	Yeasts and Moulds	Neval Yurttutan Uyar
11:00 – 11:40	Yeasts and Moulds	Neval Yurttutan Uyar
11:50 – 12:30	Study time	
13:30 – 14:10	Medical English-III- MID TERM EXAMINATION	
14:20 – 15:00	Medical English-III- MID TERM EXAMINATION	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

04.12.2015 FRIDAY		
08:30 – 09:10	Slow viruses and prions	Hülya Kuşoğlu
09:20 – 10:00	Protozoa	Özgür Kurt
10:10 – 10:50	Protozoa	Özgür Kurt
11:00 – 11:40	Yeasts and Moulds	Neval Yurttutan Uyar
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	MI&BT-I: Clinical Laboratory Applications	Group A: Işın Akyar, Tanıl Kocagöz (Acıbadem Labmed)
15:10 – 15:50	Group A: Microbiology and Molecular Microbiology	Group B: Ümit İnce (Acıbadem Maslak Hospital)
16:00 – 16:40	Group B: Pathology	

07.12.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Oncogenic viruses	Tanıl Kocagöz
10:10 – 10:50	Mechanisms of Neoplasia and Tumor Markers	İbrahim Ünsal
11:00 – 11:40	Mechanisms of Neoplasia and Tumor Markers	İbrahim Ünsal
11:50 – 12:30	Antiviral agents	Emel Baloğlu
13:30 – 14:10	LAB: Protozoa	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
14:20 – 15:00	LAB: Protozoa	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
15:10 – 15:50	MI&BT-I Biostatistics: Descriptive statistics-I	Erdal Coşgun
16:00 – 16:40	MI&BT-I Biostatistics: Descriptive statistics-I	Erdal Coşgun
08.12.2015 TUESDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	CMPS-III: Research in Health	Figen Demir, Yeşim Yasin, Pınar Topsever, Nadi Bakırcı
11:00 – 11:40	Evaluation of Research proposal presentations	
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00	CMPS-III: Research in Health	Figen Demir, Yeşim Yasin, Pınar Topsever, Nadi Bakırcı
15:10 – 15:50	Evaluation of Research proposal presentations	
16:00 – 16:40		
09.12.2015 WEDNESDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	CMPS-III: Research in Health	Figen Demir, Yeşim Yasin, Pınar Topsever, Nadi Bakırcı
11:00 – 11:40	Evaluation of Research proposal presentations	
11:50 – 12:30		
13:30 – 14:10	LAB: MI&BT-I Biostatistics: Descriptive statistics_Group B	Erdal Coşgun
14:20 – 15:00	LAB: MI&BT-I Biostatistics: Descriptive statistics_Group B	Erdal Coşgun
15:10 – 15:50	LAB: MI&BT-I Biostatistics: Descriptive statistics_Group A	Erdal Coşgun
16:00 – 16:40	LAB: MI&BT-I Biostatistics: Descriptive statistics_Group A	Erdal Coşgun
10.12.2015 THURSDAY		
08:30 – 09:10	Cancer Chemotherapeutics	Emel Baloğlu
09:20 – 10:00	Cancer Chemotherapeutics	Emel Baloğlu
10:10 – 10:50	Malaria Panel Session	Özgür Kurt, Sesin Kocagöz, Nadi Bakırcı
11:00 – 11:40	Malaria Panel Session	
11:50 – 12:30	Immunity to infection	Tanıl Kocagöz, Özgür Kurt, Sesin Kocagöz, Nadi Bakırcı
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçiöğlü
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	
11.12.2015 FRIDAY		
08:30 – 09:10	Chemotherapy of tuberculosis and leprosy	Emel Baloğlu
09:20 – 10:00	Neoplasia 5: Molecular Basis of Cancer (Part-2)	Ümit İnce
10:10 – 10:50	Neoplasia 6: Molecular Basis of Cancer (Part-3)	Ümit İnce
11:00 – 11:40	LAB: Identification of fungi	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
11:50 – 12:30	LAB: Identification of fungi	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
13:30 – 14:10		
14:20 – 15:00	MI&BT-I : Clinical Laboratory Applications	Group B: Onur Karatuna, Tanıl Kocagöz (Acıbadem Labmed)
15:10 – 15:50	Group B: Microbiology and Molecular Microbiology	Group A: Ümit İnce (Acıbadem Maslak Hospital)
16:00 – 16:40	Group A: Pathology	

14.12.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00	Helminths	Özgür Kurt
10:10 – 10:50	Helminths	Özgür Kurt
11:00 – 11:40	MI&BT-I Biostatistics: Descriptive Statistics-II	Erdal Coşgun
11:50 – 12:30	MI&BT-I Biostatistics: Descriptive Statistics-II	Erdal Coşgun
13:30 – 14:10		
14:20 – 15:00	MI&BT-I: Clinical Laboratory Applications	Group A: Onur Karatuna, Tanıl Kocagöz (Acıbadem Labmed)
15:10 – 15:50	Group A: Microbiology and Molecular Microbiology	Group B: Ümit İnce (Acıbadem Maslak Hospital)
16:00 – 16:40	Group B: Pathology	

15.12.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Neoplasia-7: Molecular basis of cancer (Part-4)	Ümit İnce
10:10 – 10:50	Neoplasia-8: Molecular basis of cancer (Part-5)	Ümit İnce
11:00 – 11:40	Helminths	Özgür Kurt
11:50 – 12:30	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	

16.12.2015 WEDNESDAY		
08:30 – 09:10	MI&BT-I Biostatistics: Descriptive Statistics-II_Lab_Group A	Erdal Coşgun
09:20 – 10:00	MI&BT-I Biostatistics: Descriptive Statistics-II_Lab_Group A	Erdal Coşgun
10:10 – 10:50	MI&BT-I Biostatistics: Descriptive Statistics-II_Lab_Group B	Erdal Coşgun
11:00 – 11:40	MI&BT-I Biostatistics: Descriptive Statistics-II_Lab_Group B	Erdal Coşgun
11:50 – 12:30	Medically important arthropods	Özgür Kurt
13:30 – 14:10	Medically important arthropods	Özgür Kurt
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu

17.12.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Antifungal agents	Emel Baloğlu
10:10 – 10:50	MI&BT-I: Fluorescence Applications in Medicine	Devrim Öz Arslan
11:00 – 11:40	LAB: Helminths	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
11:50 – 12:30	LAB: Helminths	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

18.12.2015 FRIDAY		
08:30 – 09:10	Neoplasia-9: Molecular basis of cancer (Part-6)	Ümit İnce
09:20 – 10:00	Cancer Prevention (periodical health examination and screening)	Pınar Topsever
10:10 – 10:50	Chemotherapy of parasitic (protozoa and helminth) infections	Emel Baloğlu
11:00 – 11:40	Chemotherapy of parasitic (protozoa and helminth) infections	Emel Baloğlu
11:50 – 12:30	LAB: Arthropods	T. Kocagöz, Ö. Kurt, S. Öktem Okullu, N. Ünübol, I. Akyar, O. Karatuna, N. Yurttutan Uyar
13:30 – 14:10	Study time	
14:20 – 15:00		Tanıllı Kocagöz, Devrim Öz Arslan, Deniz Yücel, Evren Kılınc, Sinem Öktem Okullu, Nihan Aytekin Ünübol (University)
15:10 – 15:50	MI&BT-I	
16:00 – 16:40	Group A&B: Fluorescence Applications in Medicine	

21.12.2015 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	
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	

22.12.2015 TUESDAY

08:30 – 09:10	Study time	
09:20 – 10:00	CMPS-III: Health and Society	
10:10 – 10:50	<i>Health promotion and disease prevention,</i>	Figen Demir
11:00 – 11:40	<i>Analyzing a health promotion project</i>	Pınar Topsever
11:50 – 12:30		
13:30 – 14:10		Pınar Topsever, Efe Onganer,
14:20 – 15:00	CPMS-III: Clinical and Communication Skills –Tutor feedback	Demet Dinç, Şirin Parkan, Melike Şahiner, Figen Demir, Işıl Pakiç,
15:10 – 15:50		Deniz Ağırbaşı
16:00 – 16:40	Study time	
16.50 – 17.30	Study time	

23.12.2015 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	
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	

24.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	
16.50 – 17.30		

25.12.2015 FRIDAY

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

MED 203 EXAMINATION

28.12.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00	Introduction to MED 205 Subject Committee	Ant Uzey-Devrim Öz Arslan
10:10 – 10:50	Anatomy of Lymphatic System	Alp Bayramoğlu
11:00 – 11:40	LAB: Anatomy of Lymphatic System _Group A	Alp Bayramoğlu-Elif Keskinöz
11:50 – 12:30	LAB: Anatomy of Lymphatic System _Group B	Alp Bayramoğlu-Elif Keskinöz
13:30 – 14:10	Histology of the Lymphatic Organs	Serap Arbak
14:20 – 15:00	Histology of the Lymphatic Organs	Serap Arbak
15:10 – 15:50		
16:00 – 16:40		

29.12.2015 TUESDAY		
08:30 – 09:10		
09:20 – 10:00	Histology of Blood Cells	Deniz Yücel
10:10 – 10:50	Functions of the Erythrocytes	Meltem Kolgazi
11:00 – 11:40	CMPS III: Health and Society	İnci User
11:50 – 12:30	Health and Illness Behavior	Yeşim Yasin
13:30 – 14:10		Pınar Topsever, Efe Onganer,
14:20 – 15:00	CPMS-III: Clinical and Communication Skills –Tutor feedback	Demet Dinç, Şirin Parkan, Melike Şahiner, Figern Demir, Işıl Pakiş,
15:10 – 15:50		Deniz Ağırbaşı
16:00 – 16:40		

30.12.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00		Pınar Topsever, Efe Onganer,
10:10 – 10:50	CPMS-III: Clinical and Communication Skills –Tutor feedback	Demet Dinç, Şirin Parkan, Melike Şahiner, Figern Demir, Işıl Pakiş,
11:00 – 11:40	Interactive Module	Deniz Ağırbaşı
11:50 – 12:30	Interactive Module	
13:30 – 14:10	LAB: Histology of Blood Cells and Lymphatic Organs _Group A	Serap Arbak-Deniz Yücel
14:20 – 15:00	LAB: Histology of Blood Cells and Lymphatic Organs _Group A	
15:10 – 15:50	LAB: Histology of Blood Cells and Lymphatic Organs _Group B	Serap Arbak-Deniz Yücel
16:00 – 16:40	LAB: Histology of Blood Cells and Lymphatic Organs _Group B	

31.12.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00		Pınar Topsever, Efe Onganer,
10:10 – 10:50	CPMS-III: Clinical and Communication Skills –Tutor feedback	Demet Dinç, Şirin Parkan, Melike Şahiner, Figern Demir, Işıl Pakiş,
11:00 – 11:40		Deniz Ağırbaşı
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

01.01.2016 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		
16:50 – 17:30		

HOLIDAY

04.01.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Development of the Lymphatic Organs	Serap Arbak
10:10 – 10:50	Functions of Platelets	Meltem Kolgazi
11:00 – 11:40	Blood groups	Meltem Kolgazi
11:50 – 12:30	Study time	
13:30 – 14:10	Biochemical features of blood cells	Muhittin Serdar
14:20 – 15:00	Biochemical features of blood cells	Muhittin Serdar
15:10 – 15:50	Metabolism of oxygen binding proteins	Muhittin Serdar
16:00 – 16:40	Metabolism of oxygen binding proteins	Muhittin Serdar

05.01.2016 TUESDAY		
08:30 – 09:10	CMPS III: Procedural Skills-1: Decontamination, disinfection, hand washing, sterile gloves, intramuscular and intravenous injection, IV puncture (CASE)	Onur Karatuna, Işın Akyar, Ükke Karabacak
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	CMPS III: Procedural Skills-1: Decontamination, disinfection, hand washing, sterile gloves, intramuscular and intravenous injection, IV puncture (CASE)	Onur Karatuna, Işın Akyar, Ükke Karabacak
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

06.01.2016 WEDNESDAY		
08:30 – 09:10	Hematopoiesis	Deniz Yücel
09:20 – 10:00	Mechanisms of coagulation and fibrinolysis	Meltem Kolgazi
10:10 – 10:50	Mechanisms of coagulation and fibrinolysis	Meltem Kolgazi
11:00 – 11:40	Lymphoreticular system infections Part I	Sesin Kocagöz
11:50 – 12:30	Lymphoreticular system infections Part II	Sesin Kocagöz
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçioğlu

07.01.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Infections of blood and tissue parasites	Özgür Kurt
10:10 – 10:50	Infections of blood and tissue parasites	Özgür Kurt
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

08.01.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Hematopoetics drugs: Growth factors, minerals and vitamins	İsmail Hakkı Ulus
10:10 – 10:50	Hematopoetics drugs: Growth factors, minerals and vitamins	İsmail Hakkı Ulus
11:00 – 11:40	LAB: Blood Groups	Meltem Kolgazi
11:50 – 12:30	LAB: Blood Groups	Meltem Kolgazi
13:30 – 14:10	Hemostasis and thrombosis	Muhittin Serdar
14:20 – 15:00	Hemostasis and thrombosis	Muhittin Serdar
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

11.01.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	MED 205 EXAMINATION	
10:10 – 10:50		
11:00 – 11:40	Study time	
11:50 – 12:30	MI&BT-I: Clinical Laboratory Applications: Genetics	Cengiz Yakıcıer
13:30 – 14:10	MI&BT-I: Clinical Laboratory Applications: Biochemistry and Hematology	Meltem Kilercik
14:20 – 15:00	MI&BT-I LAB: Clinical Laboratory Applications: Biochemistry and Hematology_Group B	Group A: A. Coşkun, M. Kilercik (Acıbadem Labmed)
15:10 – 15:50		Group B: C. Yakıcıer (Acıbadem Labmed)
16:00 – 16:40		LAB: Clinical Laboratory Applications: Genetics_Group A
12.01.2016 TUESDAY		
08:30 – 09:10	Megaloblastic anemia	Siret Ratip
09:20 – 10:00	Sickle cell anemia	Siret Ratip
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	Study time	
13:30 – 14:10	Cytokines	Abdurrahman Coşkun
14:20 – 15:00	Cytokines	Abdurrahman Coşkun
15:10 – 15:50	Pathology of lymphatic nodule and spleen	Mine Eray
16:00 – 16:40	Pathology of lymphatic nodule and spleen	Mine Eray
13.01.2016 WEDNESDAY		
08:30 – 09:10	Lab: Blood Smear and Hb-Hct	Meltem Kolgazi
09:20 – 10:00	Lab: Blood Smear and Hb-Hct	Meltem Kolgazi
10:10 – 10:50	Lab: Blood Smear and Hb-Hct	Meltem Kolgazi
11:00 – 11:40	Lab: Blood Smear and Hb-Hct	Meltem Kolgazi
11:50 – 12:30	Lab: Blood Smear and Hb-Hct	Meltem Kolgazi
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçiöğlü
14.01.2016 THURSDAY		
08:30 – 09:10	Lymphoreticular system infections PART III	Sesin Kocagöz
09:20 – 10:00	Lymphoreticular system infections PART IV	Sesin Kocagöz
10:10 – 10:50	Study time	
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-III	L. Angelo, G. Çiftçiöğlü
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Elective Course-III EXAMINATION	
16:00 – 16:40	Elective Course-III	
15.01.2016 FRIDAY		
08:30 – 09:10	Approach to a patient with bleeding disorder	Siret Ratip
09:20 – 10:00	Thrombophilia and deep venous thrombosis	Siret Ratip
10:10 – 10:50	Hemophilia	Ertuğrul Eryılmaz
11:00 – 11:40	Pathology of lymphatic nodule and spleen	Mine Eray
11:50 – 12:30	Pathology of lymphatic nodule and spleen	Mine Eray
13:30 – 14:10	Hematopoetics drugs: Growth factors, minerals and vitamins	İsmail Hakkı Ulus
14:20 – 15:00	Mechanisms of major anemias	Muhittin Serdar
15:10 – 15:50	Mechanisms of major anemias	Muhittin Serdar
16:00 – 16:40	Study time	

18.01.2016 MONDAY		
08:30 – 09:10	Chronic Myeloid Leukemia	Ant Uzey
09:20 – 10:00	Pathology of lymphatic nodule and spleen	Mine Eray
10:10 – 10:50	Anticoagulants, thrombolytics and antiplatelet drugs	Filiz Onat
11:00 – 11:40	Anticoagulants, thrombolytics and antiplatelet drugs	Filiz Onat
11:50 – 12:30		
13:30 – 14:10	Molecular basis of hematological malignancies	Cemaliye Akyerli Boylu
14:20 – 15:00	Molecular basis of hematological malignancies	Cemaliye Akyerli Boylu
15:10 – 15:50	Pathology of bone marrow	Mine Eray
16:00 – 16:40	Pathology of bone marrow	Mine Eray

19.01.2016 TUESDAY		
08:30 – 09:10	Myelodysplastic Syndrome	Ant Uzey
09:20 – 10:00	Myeloproliferative Diseases	Ant Uzey
10:10 – 10:50	Immunosuppressants, Immunotolerogens and Immunostimulants	Filiz Onat
11:00 – 11:40	Immunosuppressants, Immunotolerogens and Immunostimulants	Filiz Onat
11:50 – 12:30	Study time	
13:30 – 14:10		
14:20 – 15:00	CMPS III: Procedural Skills-1: Decontamination, disinfection, hand washing, sterile gloves, intramuscular and intravenous injection, IV puncture (CASE)	Onur Karatuna, Işın Akyar, Ükke Karabacak,
15:10 – 15:50		
16:00 – 16:40		
16:50 – 17:30		

20.01.2016 WEDNESDAY		
08:30 – 09:10	Approach to a patient with anemia	Ertuğrul Eryılmaz
09:20 – 10:00	Hodgkin Lymphoma	Ertuğrul Eryılmaz
10:10 – 10:50	Non-Hodgkin Lymphoma	Ertuğrul Eryılmaz
11:00 – 11:40	Pathology of bone marrow	Mine Eray
11:50 – 12:30	Pathology of bone marrow	Mine Eray
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-III	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English-III	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English-III	L. Angelo, G. Çiftçiöğlü

21.01.2016 THURSDAY		
08:30 – 09:10	Non immune hemolytic anemia	Cengiz Canpolat
09:20 – 10:00	Immune hemolytic anemia and hemolytic disease of newborn	Cengiz Canpolat
10:10 – 10:50	Thrombocytopenia	Cengiz Canpolat
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-III COURSE EXAMINATION	
14:20 – 15:00	Medical English-III	
15:10 – 15:50		
16:00 – 16:40		

22.01.2016 FRIDAY		
08:30 – 09:10	Acute leukemias	Cengiz Canpolat
09:20 – 10:00	Clinical aspects of blood transfusion	Cengiz Canpolat
10:10 – 10:50	Clinical presentation of hematopoietic system disorders common in primary care	Demet Dinç
11:00 – 11:40	Molecular basis of hemoglobinopathies	Cengiz Yakıcıer
11:50 – 12:30	Molecular basis of hemoglobinopathies	Cengiz Yakıcıer
13:30 – 14:10	Study time	
14:20 – 15:00	MI&BT-I	Group B: A. Coşkun, M. Kilercik (Acıbadem Labmed) Group A: C. Yakıcıer (Acıbadem Labmed)
15:10 – 15:50	Group B: Clinical Laboratory Applications: Biochemistry and Hematology	
16:00 – 16:40	Group A: Clinical Laboratory Applications: Genetics	

25.01.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00	CMPS III WRITTEN EXAMINATION	
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
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	

26.01.2016 TUESDAY		
08:30 – 09:10	CMPS III EXAMINATION OSCE (CASE)	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	CMPS III EXAMINATION OSCE (CASE)	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		
16.50 – 17.30		

27.01.2016 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	
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	

28.01.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
16.50 – 17.30	Study time	

29.01.2016 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	
13:30 – 14:10	MED 205 EXAMINATION	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		



YEAR 2

SPRING

SEM

ESTRÉE

SCHEFF

ULLÉ

15.02.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00	Introduction to MED 206 Subject Committee: Musculoskeletal System and Related Disorders	Umut Akgün-Meltem Kolgazi
10:10 – 10:50	Histology of bone, cartilage, skeletal muscle and skin	Deniz Yücel
11:00 – 11:40	Histology of bone, cartilage, skeletal muscle and skin	Deniz Yücel
11:50 – 12:30	Muscle energy metabolism and contraction	Mustafa Serteser
13:30 – 14:10	Biophysics of muscle contraction	Beki Kan
14:20 – 15:00	Biophysics of muscle contraction	Beki Kan
15:10 – 15:50	Pectoral region, breast, shoulder region	Elif Keskinöz
16:00 – 16:40	Pectoral region, breast, shoulder region	Elif Keskinöz

16.02.2016 TUESDAY		
08:30 – 09:10	Superficial back	Alp Bayramoğlu
09:20 – 10:00	Superficial back	Alp Bayramoğlu
10:10 – 10:50	Physiology of muscle contraction	Melike Şahiner
11:00 – 11:40	Smooth muscle	Melike Şahiner
11:50 – 12:30	Axillary region	Mustafa Aktekin
13:30 – 14:10	Development of skeletal system	Serap Arbak
14:20 – 15:00	Development of skeletal system	Serap Arbak
15:10 – 15:50	LAB: Superficial back, pectoral region, breast, shoulder region_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
16:00 – 16:40	LAB: Superficial back, pectoral region, breast, shoulder region_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz

17.02.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Superficial back and pectoral region, breast shoulder region_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
10:10 – 10:50	LAB: Superficial back and pectoral region, breast shoulder region_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:00 – 11:40	MI&BT: Biostatistics: graphs for statistical analysis	Erdal Coşgun
11:50 – 12:30	MI&BT: Biostatistics: graphs for statistical analysis	Erdal Coşgun
13:30 – 14:10	MI&BT: Physical Principles of X-Ray Radiography	Beki Kan
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçiöğlü

18.02.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Regulation and control of muscle contraction	Melike Şahiner
10:10 – 10:50	Regulation and control of muscle contraction	Melike Şahiner
11:00 – 11:40	Anterior and posterior aspect of arm and cubital fossa	Alp Bayramoğlu
11:50 – 12:30	Anterior and posterior aspect of arm and cubital fossa	Alp Bayramoğlu
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçiöğlü
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

19.02.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Calcium and bone metabolism	Fehime Aksungar
10:10 – 10:50	Calcium and bone metabolism	Fehime Aksungar
11:00 – 11:40	Posterior aspect of the forearm	Elif Keskinöz
11:50 – 12:30	Anterior aspect of the forearm	Elif Keskinöz
13:30 – 14:10	Bioenergetics of muscle contraction	Beki Kan
14:20 – 15:00	Bioenergetics of muscle contraction	Beki Kan
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

22.02.2016 MONDAY		
08:30 – 09:10	Muscle relaxants	Emel Baloğlu
09:20 – 10:00	LAB: Axillary region and arm_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
10:10 – 10:50	LAB: MI&BT Biostatistics: graphs for statistical analysis_Group A	Erdal Coşgun
11:00 – 11:40	LAB: Axillary region and arm_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:50 – 12:30	LAB: MI&BT Biostatistics: graphs for statistical analysis_Group B	Erdal Coşgun
13:30 – 14:10	Brachial plexus	Alp Bayramoğlu
14:20 – 15:00	Brachial plexus	Alp Bayramoğlu
15:10 – 16:40	Development of head and neck	Serap Arbak
16:50 – 17:30	Development of head and neck	Serap Arbak

23.02.2016 TUESDAY		
08:30 – 09:10	Superficial structures of the face	Alp Bayramoğlu
09:20 – 10:00	Temporal region	Elif Keskinöz
10:10 – 10:50	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman
11:00 – 11:40	<i>What is ethics? Ethical Theories</i>	
11:50 – 12:30	MI&BT Information technologies: Clinical information systems	Sedat Kesmen
13:30 – 14:10	LAB: Posterior & anterior aspects of the forearm/Brachial Plexus_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
14:20 – 15:00		
15:10 – 15:50	LAB: Posterior & anterior aspects of the forearm/Brachial Plexus_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
16:00 – 16:40		

24.02.2016 WEDNESDAY		
08:30 – 09:10	Agents affecting mineral ion homeostasis and bone turnover	Emel Baloğlu
09:20 – 10:00	Agents affecting mineral ion homeostasis and bone turnover	Emel Baloğlu
10:10 – 10:50	Hand	Elif Keskinöz
11:00 – 11:40	Hand	Elif Keskinöz
11:50 – 12:30	Gravity, equilibrium, torque	Evren Kılınc
13:30 – 14:10	Equilibrium of the body	Evren Kılınc
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

25.02.2016 THURSDAY		
08:30 – 09:10	Spondyloarthropathies	Ayçe Atalay
09:20 – 10:00	Neck and upper extremity pain	Ayçe Atalay
10:10 – 10:50	Infectious disease of the bone and joint	Özlem Aydın
11:00 – 11:40	The neck	Mustafa Aktekin
11:50 – 12:30	Muscular triangles of the neck	Mustafa Aktekin
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

26.02.2016 FRIDAY		
08:30 – 09:10	Degenerative joint disease	Zeynep Güven
09:20 – 10:00	Low back pain	Zeynep Güven
10:10 – 10:50	Biochemical aspects of muscle disease	Fehime Aksungar
11:00 – 11:40	Pterygopalatine fossa	Mustafa Aktekin
11:50 – 12:30	Hand	Elif Keskinöz
13:30 – 14:10	Bacterial infections of bone and joints	Sesin Kocagöz
14:20 – 15:00	Bacterial infections of bone and joints	Sesin Kocagöz
15:10 – 15:50	Posterior Abdominal Wall&Lumbosacral Plexus	Mustafa Aktekin
16:00 – 16:40	Posterior Abdominal Wall&Lumbosacral Plexus	Mustafa Aktekin

29.02.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	MED 209 MI&BT EXAMINATION	
10:10 – 10:50		
11:00 – 11:40		MI&BT-I Information technologies: Clinical information systems
11:50 – 12:30	MI&BT-I Information technologies: Clinical information systems	Kaspar Zakaryan
13:30 – 14:10	LAB: Hand & neck_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
14:20 – 15:00	LAB: Hand & neck_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
15:10 – 15:50	Biostatistics: Examining one-variable problem by tables and graphics	Erdal Coşgun
16:00 – 16:40	Biostatistics: Examining one-variable problem by tables and graphics	Erdal Coşgun

01.03.2016 TUESDAY		
08:30 – 09:10	X-ray; sectional anatomy of US, CT and MRI of the musculoskeletal system	Ercan Karaarslan
09:20 – 10:00	Clinic - radiologic algorithm of the musculoskeletal disorders	Ercan Karaarslan
10:10 – 10:50	Soft tissue rheumatism	Reyhan Çeliker
11:00 – 11:40	LAB: Hand & neck_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:50 – 12:30	LAB: Hand & neck_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
13:30 – 14:10	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman Fatih Artvinli
14:20 – 15:00	<i>Principles of Bioethics</i>	
15:10 – 15:50	<i>Human Dignity and Human Rights</i>	
16:00 – 16:40	Study time	

02.03.2016 WEDNESDAY		
08:30 – 09:10	Infections of the soft tissue	Hülya Kuşoğlu
09:20 – 10:00	Infections of the soft tissue	Hülya Kuşoğlu
10:10 – 10:50	Gluteal region and posterior aspect of thigh	Elif Keskinöz
11:00 – 11:40	Gluteal region and posterior aspect of thigh	Elif Keskinöz
11:50 – 12:30	Study time	
13:30 – 14:10	MI&BT-I Biostatistics: examining one-variable problem by tables and graphics	Erdal Coşgun
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

03.03.2016 THURSDAY		
08:30 – 09:10	Management of symptoms of functional impairment related to musculoskeletal disorders in primary care	Efe Onganer
09:20 – 10:00	Bone remodeling and fracture healing	Hale Kırımlıoğlu
10:10 – 10:50	Anterior medial thigh & femoral triangle	Alp Bayramoğlu
11:00 – 11:40	Anterior medial thigh & femoral triangle	Alp Bayramoğlu
11:50 – 12:30	Study time	
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

04.03.2016 FRIDAY		
08:30 – 09:10	Traumatic dislocations and soft tissue injuries	Ufuk Nalbantoğlu
09:20 – 10:00	Soft tissue tumors	Özlem Aydın
10:10 – 10:50	Soft tissue tumors	Özlem Aydın
11:00 – 11:40	Joints of upper extremity	Mustafa Aktekin
11:50 – 12:30	Joints of upper extremity	Mustafa Aktekin
13:30 – 14:10	Fractures, General principles (Different properties of pediatric fractures)	Vuslat Sema Ünal
14:20 – 15:00	Biostatistics: Standardization (z and T scores), Statistical distributions	Erdal Coşgun
15:10 – 15:50	Biostatistics: Standardization (z and T scores), Statistical distributions	Erdal Coşgun
16:00 – 16:40	Study time	

07.03.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 206 EXAMINATION	
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 15:00	LAB: Superficial structures of the face and pterygopalatina fossa _Group A LAB: Biostatistics: examining one-variable problem by tables and graphics_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz, Erdal Coşgun
15:10 – 16:40	LAB: Superficial structures of the face and pterygopalatina fossa _Group B LAB: Biostatistics: examining one-variable problem by tables and graphics_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz, Erdal Coşgun
08.03.2016 TUESDAY		
08:30 – 09:10	Neoplastic disease of bones and joints	Hale Kırımlıoğlu
09:20 – 10:00	Neoplastic disease of bone and joint	Hale Kırımlıoğlu
10:10 – 10:50	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman
11:00 – 11:40	<i>Benefit - Harm</i>	
11:50 – 12:30	Study time	
13:30 – 14:10	Anterior and lateral aspect of the leg	Mustafa Aktekin
14:20 – 15:00	Anterior and lateral aspect of the leg	Mustafa Aktekin
15:10 – 15:50	MI&BT Information technologies: coding, classification systems, quality principles for medical systems	Sedat Kesmen
16:00 – 16:40	MI&BT Information technologies: coding, classification systems, quality principles for medical systems	Sedat Kesmen
09.03.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Anti-inflammatory analgesic drugs	Filiz Onat
10:10 – 10:50	Anti-inflammatory analgesic drugs	Filiz Onat
11:00 – 11:40	Posterior aspect of the leg & popliteal fossa	Alp Bayramoğlu
11:50 – 12:30	Posterior aspect of the leg & popliteal fossa	Alp Bayramoğlu
13:30 – 14:10	MI&BT-I Biostatistics: examining the association among the variables by tables and graphics	Erdal Coşgun
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu
10.03.2016 THURSDAY		
08:30 – 09:10	Osteoporosis	Meral Bayramoğlu
09:20 – 10:00	Neuromuscular disorders (Cerebral palsy, Poliomyelitis, Spina Bifida...)	Burak Bektaş
10:10 – 10:50	Inflammatory rheumatic diseases	Alper Kaya
11:00 – 11:40	Approach to the patient with arthritis	Alper Kaya
11:50 – 12:30	MI&BT-I EMG	Evren Kılınc
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	
11.03.2016 FRIDAY		
08:30 – 09:10	Pathology of arthritis	Hale Kırımlıoğlu
09:20 – 10:00	Anti-inflammatory analgesic drugs	Filiz Onat
10:10 – 10:50	Disease modifying antirheumatic drugs	Filiz Onat
11:00 – 11:40	Osteomyelitis and septic arthritis	Nadir Şener
11:50 – 12:30	Study time	
13:30 - 15:00	LAB Posterior abdominal wall & lumbosacral plexus _Group B LAB: MI&BT-I:Biostatistics: examining the association among variables by tables and graphics_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz, Erdal Coşgun
15:10 – 16:40	LAB Posterior abdominal wall & lumbosacral plexus _Group A LAB: MI&BT-I:Biostatistics: examining the association among variables by tables and graphics_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz, Erdal Coşgun

14.03.2016 MONDAY		
08:30 – 09:10	Foot	Alp Bayramoğlu
09:20 – 10:00	Foot	Alp Bayramoğlu
10:10 – 10:50	Foot	Alp Bayramoğlu
11:00 – 11:40	Physicians Day Ceremony	
11:50 – 12:30		
13:30 – 14:10	Joints of lower extremity	Elif Keskinöz
14:20 – 15:00	Joints of lower extremity	Elif Keskinöz
15:10 – 16:40		

15.03.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman
11:00 – 11:40	<i>Autonomy – Responsibility</i>	
11:50 – 12:30	Study time	
13:30 – 14:10	MI&BT-I: Information technologies: imaging information systems	Özge Sağıroğlu Yurdakul
14:20 – 15:00	MI&BT-I: Information technologies: imaging information systems	Özge Sağıroğlu Yurdakul
15:10 – 16:40	Study time	

16.03.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Deep back muscles, sub-occipital region	Alp Bayramoğlu
10:10 – 10:50	Abdominal muscles	Mustafa Aktekin
11:00 – 11:40	MI&BT-I: Information technologies: specialty based clinical information systems & electronic patient records	Özge Sağıroğlu Yurdakul
11:50 – 12:30	MI&BT-I: Information technologies: specialty based clinical information systems & electronic patient records	Özge Sağıroğlu Yurdakul
13:30 – 14:10	MI&BT-I: Biostatistics: Standardization (z and T scores), statistical distributions	Erdal Coşgun
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

17.03.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	LAB: Gluteal region, thigh & femoral triangle_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:00 – 12:30	LAB: Gluteal region, thigh & femoral triangle_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

18.03.2016 FRIDAY		
08:30 – 09:10	Connective tissue disorders	Mehmet Karaarslan
09:20 – 10:00	Crystal-related arthropathies	Mehmet Karaarslan
10:10 – 10:50	Developmental dysplasia of the hip and club foot (Pes Equinovarus)	Mehmet Uğur Özbaydar
11:00 – 11:40	Developmental & acquired abnormalities in bone cells, matrix & structure	Özlem Aydın
11:50 – 12:30	Tumors of the skin	Özlem Aydın
13:30 – 14:10	Biostatistics: Introduction to Sampling Methods	Erdal Coşgun
14:20 – 15:00	Biostatistics: Introduction to Sampling Methods	Erdal Coşgun
15:10 – 16:00	Study time	
16:00 – 16:40	Study time	

21.03.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB posterior aspect of the leg & popliteal fossa _Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
10:10 – 10:50	LAB: MI&BT-I: Biostatistics: Standardization (Z and T scores), statistical distributions_Group B	Erdal Coşgun
11:00 – 11:40	LAB: posterior aspect of the leg & popliteal fossa _Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:50 – 12:30	LAB: MI&BT-I: Biostatistics: Standardization (Z and T scores), statistical distributions_Group A	Erdal Coşgun
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 16:00	Study time	
16:00 – 16:40	Study time	

22.03.2016 TUESDAY		
08:30 – 09:10	MI&BT-I: Information technologies: health informatics standards, e-health technologies	Kaspar Zakaryan
09:20 – 10:00	MI&BT-I: Information technologies: health informatics standards, e-health technologies	Kaspar Zakaryan
10:10 – 10:50	CMPS IV: Medical Ethics and Humanities <i>Informed consent in difficult situations</i>	Yeşim Ülman
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00	MI&BT-I: Visit to EMG lab Group A	Geysu Karlıkaya, Evren Kılınc (Acıbadem Kozyatağı Hospital)
15:10 – 15:50		
16:00 – 16:40		

23.03.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Myosites and connective tissue diseases	Günseli Bozdoğan
10:10 – 10:50	Genetic basis of musculoskeletal diseases	Deniz Ağırbaşlı
11:00 – 11:40	MI&BT-I: Physical principles of ultrasonography	Evren Kılınc
11:50 – 12:30	Study time	
13:30 – 14:10	MI&BT-I: Information technologies: Medula	Kaspar Zakaryan
14:20 – 15:00	MI&BT-I: Information technologies: Medula	Kaspar Zakaryan
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

24.03.2016 THURSDAY		
08:30 – 09:10		
09:20 – 10:00	MI&BT-I: Image production and interpretation in ultrasonography	Ümit Özcan
10:10 – 10:50	Work related musculoskeletal disorders (ergonomy)	Nadi Bakırcı
11:00 – 11:40	Approach to arthritis in children	Sibel Aka
11:50 – 12:30	MI&BT-I: Information technologies: Acıbadem Hospital Information System (Cerebral) Group A	Doğan Ulutürk
13:30 – 14:10	MI&BT-I: Information technologies: Acıbadem Hospital Information System (Cerebral) Group A	Doğan Ulutürk
14:20 – 15:00		
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

25.03.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 12:30	LAB: MI&BT-I: Biostatistics: introduction to sampling methods_Group B	Erdal Coşgun
10:10 – 10:50		
11:00 – 11:40	LAB: MI&BT-I: Biostatistics: introduction to sampling methods_Group A	Erdal Coşgun
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

28.03.2016 MONDAY		
08:30 – 09:10	MI&BT-I: Image production and interpretation in radiographics and radiation protection	Sıla Ulus
09:20 – 10:00		
10:10 – 10:50	MI&BT-I: Biostatistics: Introduction to hypothesis tests	Erdal Coşgun
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 14:10		
14:20 – 15:00	MI&BT-I: Visit to EMG lab Group B	Geysu Karlıkaya, Evren Kılınc (Acıbadem Kozyatağı Hospital)
15:10 – 15:50		
16:00 – 16:40		

29.03.2016 TUESDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40	CMPS-IV: Research in Health	
11:50 – 12:30	<i>DATA COLLECTION-I</i>	Research Supervisors
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

30.03.2016 WEDNESDAY		
08:30 – 09:10		
09:20 – 10:00	MI&BT-I: Physical principles of CT & MRI	Evren Kılınc
10:10 – 10:50	MI&BT-I: Image production and interpretation in CT	Sıla Ulus
11:00 – 11:40	MI&BT-I: Image production and interpretation in CT	Sıla Ulus
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

31.03.2016 THURSDAY		
08:30 – 09:10		
09:20 – 10:00	LAB: Joints of lower extremity & anterior and lateral aspect of the leg _Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
10:10 – 10:50	LAB: Joints of lower extremity & anterior and lateral aspect of the leg _Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:00 – 11:40	LAB: Joints of lower extremity & anterior and lateral aspect of the leg _Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:50 – 12:30	LAB: Joints of lower extremity & anterior and lateral aspect of the leg _Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
13:30 – 14:10	Medical English-IV Mid Term Examination	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

01.04.2016 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	CMPS-IV EXAMINATION	Yeşim Ülman, Fatih Artvinli
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests_ Group A	Erdal Coşgun
14:20 – 15:00	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests_ Group A	Erdal Coşgun
15:10 – 15:50	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests_ Group B	Erdal Coşgun
16:00 – 16:40	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests_ Group B	Erdal Coşgun

04.04.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00	LAB: Foot_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
10:10 – 10:50	LAB: Foot_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:00 – 11:40	LAB: Foot_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:50 – 12:30	LAB: Foot_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
13:30 – 14:10	MI&BT-I: Orthopedic implant technology & tissue engineering applications	Deniz Yücel
14:20 – 15:00	MI&BT-I: Orthopedic implant technology & tissue engineering applications	Deniz Yücel
15:10 – 15:50	Biostatistics: Hypothesis tests-I	Erdal Coşgun
16:00 – 16:40	Biostatistics: Hypothesis tests-I	Erdal Coşgun

05.04.2016 TUESDAY		
08:30 – 09:10	MI&BT-I: Image production and interpretation in MR	Alp Dinçer
09:20 – 10:00	MI&BT-I: Image production and interpretation in MR	Alp Dinçer
10:10 – 10:50	MI&BT-I: Skin tissue engineering	Beste Kınıkoğlu
11:00 – 11:40	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman
11:50 – 12:30	<i>Privacy - Confidentiality</i>	
13:30 – 14:10		
14:20 – 15:00	CMPS-IV: Research in Health	
15:10 – 15:50	<i>DATA COLLECTION-II</i>	Research Supervisors
16:00 – 16:40		

06.04.2016 WEDNESDAY		
08:30 – 09:10		
09:20 – 10:00	MI&BT-I: Information technologies: Acibadem Hospital Information System (Cerebral) Group B	Doğan Ulutürk
10:10 – 10:50	MI&BT-I: Information technologies: Acibadem Hospital Information System (Cerebral) Group B	Doğan Ulutürk (Group B)
11:00 – 11:40	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests-I Group A	Erdal Coşgun(Group A)
11:50 – 12:30	MI&BT-I: Information technologies: Acibadem Hospital Information System (Cerebral) Group B	Doğan Ulutürk (Group B)
	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests-I Group A	Erdal Coşgun (Group A)
13:30 – 14:10		
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

07.04.2016 THURSDAY		
08:30 – 09:10		
09:20 – 10:00	LAB: Abdominal and deep back muscles, sub-occipital region_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
10:10 – 10:50	LAB: Abdominal and deep back muscles, sub-occipital region_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:00 – 11:40	LAB: Abdominal and deep back muscles, sub-occipital region_Group A LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests-I Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz (Group A)
11:50 – 12:30	LAB: Abdominal and deep back muscles, sub-occipital region_Group A LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests-I Group B	Erdal Coşgun(Group B)
		Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz, Erdal Coşgun(Group B)
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

08.04.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00		
10:10 – 10:50	CMPS IV: Medical Ethics and Humanities	
11:00 – 11:40	Patient Rights / Physician's Responsibility	Yeşim Ülman, Fatih Artvinli
11:50 – 12:30		
13:30 – 14:10	Biostatistics: Hypothesis tests-II	Erdal Coşgun
14:20 – 15:00	Biostatistics: Hypothesis tests-II	Erdal Coşgun
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

11.04.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests-II Group A	Erdal Coşgun
10:10 – 10:50	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests_ II Group A	Erdal Coşgun
11:00 – 11:40	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests_ II Group B	Erdal Coşgun
11:50 – 12:30	LAB: MI&BT-I: Biostatistics: Introduction to hypothesis tests_ II Group B	Erdal Coşgun
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

12.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

13.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

14.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

15.04.2016 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

MED 206 EXAMINATION

18.04.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Introduction to MED 208 Subject Committee	Özge Can, Günseli Bozdoğan
11:00 – 11:40	The root of neck	Mustafa Aktekin
11:50 – 12:30	Histology of the upper respiratory system	Serap Arbak
13:30 – 14:10	The ideal gas law, gas mixtures	Beki Kan
14:20 – 15:00	The ideal gas law, gas mixtures	Beki Kan
15:10 – 15:50	Biostatistics: Measures of association	Erdal Coşgun
16:00 – 16:40	Biostatistics: Measures of association	Erdal Coşgun

19.04.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS IV: Medical Ethics and Humanities	
11:00 – 11:40	<i>Justice in Ethical aspect</i>	Fatih Artvinli
11:50 – 12:30	<i>Non-discrimination and non-stigmatization</i>	
13:30 – 14:10	CMPS-IV:	
14:20 – 15:00	Procedural Skills 2: Vital signs (respiration rate, radial pulse, BP measurement), measurement of head circumference, weight, height of infants, fixation techniques (Student	Pınar Topsever, Efe Onganer, Demet Dinç, Şirin Parkan, Melike Şahiner, Barış Kocaoğlu, Umut Akgün, Yasmine Alanay, Emel Çelebi
15:10 – 15:50	groups to be announced, CASE)	
16:00 – 16:40		
16:50 – 17:30		

20.04.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	MI&BT-I: Biostatistics: Measures of association-Group A	Erdal Coşgun
10:10 – 10:50	MI&BT-I: Biostatistics: Measures of association-Group A	Erdal Coşgun
11:00 – 11:40	MI&BT-I: Biostatistics: Measures of association-Group B	Erdal Coşgun
11:50 – 12:30	MI&BT-I: Biostatistics: Measures of association-Group B	Erdal Coşgun
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

21.04.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	The nose, associated structures and paranasal sinuses	Mustafa Aktekin
10:10 – 10:50	The nose, associated structures and paranasal sinuses	Mustafa Aktekin
11:00 – 11:40	Histology of the lower respiratory system	Serap Arbak
11:50 – 12:30	The pharynx	Elif Keskinöz
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

22.04.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Plasma proteins	Abdurrahman Coşkun
10:10 – 10:50	Plasma proteins	Abdurrahman Coşkun
11:00 – 11:40	The larynx	Mustafa Aktekin
11:50 – 12:30	The larynx	Mustafa Aktekin
13:30 – 14:10		
14:20 – 15:00	CMPS-IV: Research in Health	Research Supervisors
15:10 – 15:50	<i>DATA COLLECTION-III</i>	
16:00 – 16:40		

25.04.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Development of Respiratory System	Deniz Yücel
10:10 – 10:50	Surface tension of alveoli	Beki Kan
11:00 – 11:40	Respiratory system functions	Melike Şahiner
11:50 – 12:30	Respiratory system functions	Melike Şahiner
13:30 – 14:10	Lab: The root of the neck and the nose, associated structures and paranasal sinuses_ Group B Lab: Histology of the respiratory system_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz (Group B) Serap Arbak, Deniz Yücel (Group A)
14:20 – 15:00	Lab: The root of the neck and the nose, associated structures and paranasal sinuses_ Group B Lab: Histology of the respiratory system_Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz (Group B) Serap Arbak, Deniz Yücel (Group A)
15:10 – 15:50	Lab: The root of the neck and the nose, associated structures and paranasal sinuses_ Group A Lab: Histology of the respiratory system_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz (Group A) Serap Arbak, Deniz Yücel (Group B)
16:00 – 16:40	Lab: The root of the neck and the nose, associated structures and paranasal sinuses_ Group A Lab: Histology of the respiratory system_Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz (Group A) Serap Arbak, Deniz Yücel (Group B)

26.04.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00		
10:10 – 10:50	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman
11:00 – 11:40	<i>Beginning of Life</i>	
11:50 – 12:30		
13:30 – 14:10	CMPS-IV:	Pınar Topsever, Efe Onganer, Demet
14:20 – 15:00	Procedural Skills 2: Vital signs (respiration rate, radial pulse, BP measurement), measurement of head circumference, weight, height of infants, fixation techniques (Student groups to be announced, CASE)	Dinç, Şirin Parkan, Melike Şahiner, Barış Kocaoğlu, Umur Akgün, Yase-min Alanay, Emel Çelebi
15:10 – 15:50		
16:00 – 16:40		

27.04.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Regulation of hydrogen ion concentration	Abdurrahman Coşkun
10:10 – 10:50	Alveolar and tissue respiration	Melike Şahiner
11:00 – 11:40	The trachea and the lungs	Alp Bayramoğlu
11:50 – 12:30	The trachea and the lungs	Alp Bayramoğlu
13:30 – 14:10		
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçiöğlü

28.04.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Transfer of respiratory gases in blood	Devrim Öz Arslan
10:10 – 10:50	Effects of increased & decreased lung pressure (deep sea diving-high altitude)	Devrim Öz Arslan
11:00 – 11:40	The thoracic wall	Alp Bayramoğlu
11:50 – 12:30	The thoracic wall	Alp Bayramoğlu
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçiöğlü
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

29.04.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Regulation of respiration	Melike Şahiner
10:10 – 10:50	Regulation of respiration	Melike Şahiner
11:00 – 11:40	Mediastinum	Elif Keskinöz
11:50 – 12:30	Mediastinum	Elif Keskinöz
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

02.05.2016 MONDAY		
08:30 – 09:10	Study time	
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	Upper airway infections in child	Müjde Arapoğlu
11:50 – 12:30	Effects of exercise on respiration and muscles	Mehmet Ergen
13:30 – 14:10	Lab: larynx, trachea and lungs_ Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
14:20 – 15:00	Lab: larynx, trachea and lungs_ Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
15:10 – 15:50	Lab: larynx, trachea and lungs_ Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
16:00 – 16:40	Lab: larynx, trachea and lungs_ Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz

03.05.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS-IV: Medical Ethics and Humanities	Cem İncesu
11:00 – 11:40	<i>Death and dying patient</i>	Fatih Artvinli,
11:50 – 12:30	<i>Ethical aspect of end of life</i>	
13:30 – 14:10	CMPS-IV:	Pınar Topsever, Efe Onganer,
14:20 – 15:00	Procedural Skills 2: Vital signs (respiration rate, radial pulse, BP measurement), measurement of head circumference, weight, height of infants, fixation techniques (Student groups to be announced, CASE)	Demet Dinç, Şirin Parkan, Melike Şahiner, Barış Kocaoğlu, Umut Akgün, Yasemin Alanay, Emel Çelebi
15:10 – 15:50		
16:00 – 16:40		
16:50 – 17:30		

04.05.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Diseases of the upper airways	Handan Zeren
10:10 – 10:50	Diseases of the upper airways	Handan Zeren
11:00 – 11:40	Upper respiratory system infections	Hülya Kuşoğlu
11:50 – 12:30	Upper respiratory system infections	Hülya Kuşoğlu
13:30 – 14:10		
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

05.05.2016 THURSDAY		
08:30 – 09:10		
09:20 – 10:00	Lab: thoracic wall and mediastinum Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
10:10 – 10:50	Lab: thoracic wall and mediastinum Group B	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:00 – 11:40	Lab: thoracic wall and mediastinum Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
11:50 – 12:30	Lab: thoracic wall and mediastinum Group A	Alp Bayramoğlu, Mustafa Aktekin, Elif Keskinöz
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

06.05.2016 FRIDAY		
08:30 – 09:10	Lower respiratory system infections	Sesin Kocagöz
09:20 – 10:00	Lower respiratory system infections	Sesin Kocagöz
10:10 – 10:50	Viral and fungal diseases of the lung	Handan Zeren
11:00 – 11:40	Bacterial pneumonias and lung abscess	Handan Zeren
11:50 – 12:30	Lower airway infections in child	Sibel Aka
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

09.05.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 208 EXAMINATION	
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 14:10	Cholinergics and anticholinergic drugs in respiratory system related disorders	İsmail Hakkı Ulus
14:20 – 15:00	Catecholaminergic drugs i respiratory system related disorder	İsmail Hakkı Ulus
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

10.05.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Common respiratory system disorders in primary care - symptoms and diagnoses	Pınar Topsever
10:10 – 10:50	Common respiratory system disorders in primary care - symptoms and diagnoses	Pınar Topsever
11:00 – 11:40	Cystic fibrosis and congenital disease of the pulmonary system	Günseli Bozdoğan
11:50 – 12:30	Sleep related breathing disorders	Pejman Golabi
13:30 – 14:10		
14:20 – 15:00	CMPS-IV: Research in Health	Research Supervisors
15:10 – 15:50	<i>Data Processing-I</i>	
16:00 – 16:40		

11.05.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Pneumonia	Çağlar Çuhadaroğlu
10:10 – 10:50	Pneumonia	Çağlar Çuhadaroğlu
11:00 – 11:40	Management of respiratory system disorders in primary care	Pınar Topsever
11:50 – 12:30	Management of respiratory system disorders in primary care	Pınar Topsever
13:30 – 14:10		
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

12.05.2016 THURSDAY		
08:30 – 09:10	TBC PANEL SESSION	
09:20 – 10:00	1- Pulmonary Medicine	Tuberculosis (TBC)
10:10 – 10:50	2- Pathology	Pulmonary TBC
11:00 – 11:40	3- Infectious Diseases	Laboratory Diagnosis of TBC
11:50 – 12:30	4- Public Health	Epidemiology and prevention of TBC
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

13.05.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Study time	
11:00 – 11:40	MI&BT-I: Bronchoscopy	Çağlar Çuhadaroğlu
11:50 – 12:30	MI&BT-I: Bronchoscopy	Çağlar Çuhadaroğlu
13:30 – 14:10		
14:20 – 15:00	CMPS-IV: Research in Health	Research Supervisors
15:10 – 15:50	<i>Data Processing-II</i>	
16:00 – 16:40		

16.05.2016 MONDAY		
08:30 – 09:10	Chronic Obstructive Pulmonary Disease	Ceyda Erel Kirişoğlu
09:20 – 10:00	Pathology of chronic obstructive pulmonary diseases	Handan Zeren
10:10 – 10:50	Pathology of chronic obstructive pulmonary diseases	Handan Zeren
11:00 – 11:40	Expectorants and antitussive agents	Filiz Onat
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50	MI&BT-I: Radiological imaging systems-Group A&B	Ercan Karaaslan (Acıbadem Maslak Hospital)
16:00 – 16:40		

17.05.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	ASTHMA PANEL SESSION	
	Asthma	Günseli Bozdoğan, Ceyda Erel Kirişoğlu
	Childhood asthma	
11:00 – 11:40	Drugs for asthma	Filiz Onat
11:50 – 12:30	Drugs for asthma	Filiz Onat
13:30 – 14:10		
14:20 – 15:00	CMPS-IV: Research in Health	
15:10 – 15:50	<i>Data Processing-III</i>	Research Supervisors
16:00 – 16:40		

18.05.2016 WEDNESDAY		
08:30 – 09:10	Diffuse interstitial lung disease	Suha Alzafer
09:20 – 10:00	Diffuse interstitial lung disease	Suha Alzafer
10:10 – 10:50	Diffuse interstitial lung diseases	Handan Zeren
11:00 – 11:40	Tumors of pleura and mediastinum	Handan Zeren
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

19.05.2016 THURSDAY		
	Commemoration Atatürk, Youth and Sports Day	

20.05.2016 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	
13:30 – 14:10		
14:20 – 15:00	CMPS-IV: Research in Health	
15:10 – 15:50	<i>Data Processing-IV</i>	Research Supervisors
16:00 – 16:40		

23.05.2016 MONDAY		
08:30 – 09:10	Pleural Disease	Öner Dikensoy
09:20 – 10:00	Pleural Disease	Öner Dikensoy
10:10 – 10:50	Molecular basis of lung cancer	Cemaliye Akyerli Boylu
11:00 – 11:40	Genetic basis of respiratory disease	Deniz Ağırbaşı
11:50 – 12:30	Pathology of the pulmonary circulation	Handan Zeren
13:30 – 14:10		
14:20 – 15:00	LAB: Respiratory Function (CASE)	Hilal Altınöz Suha Alzafer
15:10 – 15:50		
16:00 – 16:40		

24.05.2016 TUESDAY		
08:30 – 09:10	Lung neoplasm	Semih Halezeroğlu
09:20 – 10:00	Mediastinum	Semih Halezeroğlu
10:10 – 10:50	Neoplastic diseases of the lung	Handan Zeren
11:00 – 11:40	Neoplastic diseases of the lung	Handan Zeren
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman, Ahmet Çakıroğlu
15:10 – 15:50	<i>Organ transplantation, donation and ethics</i>	
16:00 – 16:40		

25.05.2016 WEDNESDAY		
08:30 – 09:10	Sarcoidosis	Çağlar Çuhadaroğlu
09:20 – 10:00	Pulmonary embolism and pulmonary vascular disease	Öner Dikensoy
10:10 – 10:50	Pulmonary embolism and pulmonary vascular disease	Öner Dikensoy
11:00 – 11:40	Upper airway obstructions	Melih Güven Güvenç
11:50 – 12:30	Upper airway obstructions	Melih Güven Güvenç
13:30 – 14:10		
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV	L. Angelo, G. Çiftçioğlu

26.05.2016 THURSDAY		
08:30 – 09:10	Nuclear medicine methods and molecular imaging for the evaluation of pulmonary disease	Levent Güner
09:20 – 10:00	Occupational and environmental lung diseases	Hilal Altınöz, Handan Zeren
10:10 – 10:50		
11:00 – 11:40	Tobacco control and smoking cessation	Hilal Altınöz
11:50 – 12:30	Chest trauma: hemothorax, pneumothorax	Erdal Okur
13:30 – 14:10	Medical English-IV	L. Angelo, G. Çiftçioğlu
14:20 – 15:00	Medical English-IV	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Elective Course-IV EXAMINATION	
16:00 – 16:40	Elective Course-IV EXAMINATION	

27.05.2016 FRIDAY		
08:30 – 09:10		
09:20 – 10:00	Diseases of the ear	Şenol Polat
10:10 – 10:50	X-ray; sectional anatomy of CT and MRI of the thorax	Sıla Ulus
11:00 – 11:40	X-ray; sectional anatomy of CT and MRI of the thorax	Sıla Ulus
11:50 – 12:30	Clinic - radiologic algorithm of the thorax disorders	Sıla Ulus
13:30 – 14:10		
14:20 – 15:00	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman
15:10 – 15:50	<i>New medical technologies and bioethics</i>	
16:00 – 16:40	Study time	

30.05.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00	CMPS-IV: Evaluation of student research final presentations	Nadi Bakırcı, Pınar Topsever, Figen Demir, Yeşim Yasin
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

31.05.2016 TUESDAY		
08:30 – 09:10		
09:20 – 10:00	CMPS-IV: Evaluation of student research final presentations	Nadi Bakırcı, Pınar Topsever, Figen Demir, Yeşim Yasin
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

01.06.2016 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	
13:30 – 14:10		
14:20 – 15:00	Medical English-IV Course EXAMINATION	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English-IV Course EXAMINATION	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English-IV Course EXAMINATION	L. Angelo, G. Çiftçioğlu

02.06.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

03.06.2016 FRIDAY		
08:30 – 09:10		
09:20 – 10:00	MED 210 CMPS-IV EXAMINATION (PRACTICAL)	Pınar Topsever, Efe Onganer, Demet Dinç, Şirin Parkan, Melike Şahiner, Barış Kocaoğlu, Umut Akgün, Yasemin Alanay, Emel Çelebi
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

06.06.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	MED 210 CMPS-IV EXAMINATION (Medical Ethics and Humanities)	Yeşim Ülman, Fatih Artvinli
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MED 209 MI&BT EXAMINATION	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

07.06.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

08.06.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

09.06.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

10.06.2016 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	MED 208 EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		



ACIBADEM
UNIVERSITY

Medical Informatics and Biomedical Technologies-I Schedule

Hour(s)	Title	Lecturer(s)	Place
1	Laboratory Instruments	Abdurrahman COŞKUN	Class (A202)
1	Nucleic Acid Amplification	Cemaliye AKYERLİ BOYLU	Class (A202)
1	Clinical Laboratory Applications: Microbiology and Molecular Microbiology	Onur KARATUNA	Class (A202)
2	Basic statistical concepts	Erdal COŞGUN	Class (A202)
3	Group A: Introduction to Clinical Laboratory; Laboratory Instruments	Abdurrahman COŞKUN, Onur KARATUNA	Laboratory, ACU Kerem Aydınlar Campus
	Group B: Nucleic Acid Amplification	Cemaliye AKYERLİ BOYLU, Tamıl KOCAGÖZ, Sinem ÖKTEM OKULLU, Nihan ÜNÜBOL	Laboratory, ACU Kerem Aydınlar Campus
2	(LAB) Group A: Basic Statistical Concepts	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Basic Statistical Concepts	Erdal COŞGUN	PC Laboratory
2	Electrophoresis	Tamıl KOCAGÖZ	Class (A202)
3	Group B: Introduction to Clinical Laboratory; Laboratory Instruments	Abdurrahman COŞKUN, Onur KARATUNA	Laboratory, ACU Kerem Aydınlar Campus
	Group A: Nucleic Acid Amplification	Cemaliye AKYERLİ BOYLU, Tamıl KOCAGÖZ, Sinem ÖKTEM OKULLU, Nihan ÜNÜBOL	Laboratory, ACU Kerem Aydınlar Campus
1	Clinical Laboratory Applications: Pathology	Ümit İNCE	Class (A202)
3	Group A&B: Electrophoresis	Tamıl KOCAGÖZ, Özgür KURT, Sinem ÖKTEM OKULLU, Nihan ÜNÜBOL	Laboratory, ACU Kerem Aydınlar Campus
3	Group A: Microbiology and Molecular Microbiology	Işın AKYAR, Tamıl KOCAGÖZ	Acıbadem Labmed Clinical Laboratories
	Group B: Pathology	Ümit İNCE	Acıbadem Pathology
3	Group B: Microbiology and Molecular Microbiology	Onur KARATUNA, Tamıl KOCAGÖZ	Acıbadem Labmed Clinical Laboratories
	Group A: Pathology	Ümit İNCE	Acıbadem Pathology
1	Fluorescence Applications in Medicine	Devrim ÖZ ARSLAN	Class (A202)
3	Group A&B: Fluorescence Applications in Medicine	Tamıl KOCAGÖZ, Devrim ÖZ ARSLAN, Deniz YÜCEL, Evren Kılıç, Sinem ÖKTEM OKULLU, Nihan ÜNÜBOL	Laboratory, ACU Kerem Aydınlar Campus
2	Introduction to Statistical Software (MedCalc or SPSS)	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Introduction to Statistical Software (MedCalc or SPSS)	Erdal COŞGUN	PC Laboratory

2	(LAB) Group B: Introduction to Statistical Software (MedCalc or SPSS)	Erdal COŞGUN	PC Laboratory
2	Descriptive Statistics-I	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Descriptive Statistics-I	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Descriptive Statistics-I	Erdal COŞGUN	PC Laboratory
1	Clinical Laboratory Applications: Genetics	Cengiz YAKICIER	Class (A202)
1	Clinical Laboratory Applications: Biochemistry and Hematology	Meltem KILERCİK	Class (A202)
3	Group A: Biochemistry and Hematology	Abdurrahman COŞKUN, Meltem KILERCİK	Acbadem Labmed Clinical Laboratories
	Group B: Genetics	Cengiz YAKICIER	Acbadem Genetika
2	Descriptive Statistics-II	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Descriptive Statistics-II	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Descriptive Statistics-II	Erdal COŞGUN	PC Laboratory
3	Group B: Biochemistry and Hematology	Abdurrahman COŞKUN, Meltem KILERCİK	Acbadem Labmed Clinical Laboratories
1	Group A: Genetics	Cengiz YAKICIER	Acbadem Genetika
1	Physical Principles of X-Ray Radiography	Beki KAN	Class (A202)
2	Graphs for statistical analysis	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Graphs for statistical analysis	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Graphs for statistical analysis	Erdal COŞGUN	PC Laboratory
2	Clinical Information Systems	Sedat KESMEN	Class (A202)
MED 209 MI&BT-I MID-COMMITTEE EXAMINATION			
1	Clinical Information Systems	Kaspar ZAKARYAN	Class (A202)
1	Coding, Classification Systems	Kaspar ZAKARYAN	Class (A202)
2	Examining one-variable problem by tables and graphics	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Examining one-variable problem by tables and graphics	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Examining one-variable problem by tables and graphics	Erdal COŞGUN	PC Laboratory
3	Coding, Classification Systems, Quality Principles for Medical Systems	Sedat KESMEN	Class (A202)
2	Imaging Information Systems	Özge SAĞIROĞLU YURDAKUL	Class (A202)
1	EMG	Evren KILINÇ	Class (A202)
2	Examining the association among the variables by tables and graphics	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Examining the association among the variables by tables and graphics	Erdal COŞGUN	PC Laboratory

2	(LAB) Group B: Examining the association among the variables by tables and graphics	Erdal COŞGUN	PC Laboratory
2	Specialty Based Clinical Information Systems & Electronic Patient Records	Özge SAĞIROĞLU YURDAKUL	Class (A202)
3	Group A: Visit to EMG Lab Group B: Study Time	Geysu KARLIKAYA, Evren KILINÇ	Acibadem Kozyatağı Hospital
2	Health Informatics Standards, E-Health Technologies	Kaspar ZAKARYAN	Class (A202)
2	Standardization (z and T Scores), Statistical Distributions	Erdal COŞGUN	Class (A202)
2	(LAB) Group B: Standardization (z and T Scores), Statistical Distributions	Erdal COŞGUN	PC Laboratory
2	(LAB) Group A: Standardization (z and T Scores), Statistical Distributions	Erdal COŞGUN	PC Laboratory
4	Acibadem hospital information system (Cerebral) Group A	Doğan ULUTÜRK	PC Laboratory (A101)
4	Acibadem hospital information system (Cerebral) Group B	Doğan ULUTÜRK	PC Laboratory (A101)
2	Introduction to Sampling Methods	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Introduction to Sampling Methods	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Introduction to Sampling Methods	Erdal COŞGUN	PC Laboratory
3	Image Production and Interpretation in Radiographics and Radiation Protection	Sıla ULUS	Class (A202)
2	Medula	Kaspar ZAKARYAN	PC Laboratory (A101)
3	Group B: Visit to EMG Lab Group A: Study Time	Geysu KARLIKAYA, Evren KILINÇ	Acibadem Kozyatağı Hospital
2	Introduction to hypothesis tests	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Introduction to hypothesis tests	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Introduction to hypothesis tests	Erdal COŞGUN	PC Laboratory
2	Image Production and Interpretation in CT	Sıla ULUS	Class (A202)
2	Image Production and Interpretation in MRI	Alp DİNÇER	Class (A202)
1	Skin Tissue Engineering	Beste KINIKOĞLU	Class (A202)
2	Hypothesis tests-I	Erdal COŞGUN	Class (A202)
1	Physical Principles of Ultrasonography	Evren KILINÇ	Class (A202)
1	Image Production and Interpretation in Ultrasonography	Ümit ÖZCAN	Class (A202)

2	(LAB) Group B: Hypothesis tests-I	Erdal COŞGUN	PC Laboratory
2	(LAB) Group A: Hypothesis tests-I	Erdal COŞGUN	PC Laboratory
1	Physical Principles of CT & MRI	Evren KILINÇ	Class (A202)
2	Orthopedic Implant Technology and Tissue Engineering Applications	Deniz YÜCEL	Class (A202)
2	Medula	Kaspar ZAKARYAN	PC Laboratory (A101)
2	Hypothesis tests-II	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Hypothesis tests-II	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Hypothesis tests-II	Erdal COŞGUN	PC Laboratory
2	Measures of association	Erdal COŞGUN	Class (A202)
2	(LAB) Group A: Measures of association	Erdal COŞGUN	PC Laboratory
2	(LAB) Group B: Measures of association	Erdal COŞGUN	PC Laboratory
3	Group A&B: Radiological Imaging Systems in Medicine	Ercan KARAARSLAN	ACU CASE
2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
3	Group A&B: Bronchoscopy	Çağlar ÇUHADAROĞLU	ACU CASE
MED 209 MI&BT-I SUBJECT COMMITTEE EXAMINATION			

Color Codes:

(Biomedical Technologies) Theoretical and Practical in the Same Session	(Biomedical Technologies) Theoretical	(Biomedical Technologies) Practical
--	--	--

2015
2016
YEAV
3

A collage of images showing people working in a laboratory or office setting, overlaid with large, stylized numbers and text. The background is a solid red color. The text '2015' is at the top, '2016' is in the middle, 'YEAV' is in the lower middle, and '3' is at the bottom. The numbers and text are white with a slight shadow, giving them a 3D appearance. The collage images are semi-transparent and show various scenes: a person in a lab coat, a person in a white shirt, and a person in a blue shirt. There are also images of a microscope, a computer monitor, and a person's hands.

YEAR 3 COURSE CREDITS

COURSES	Theoretical Hours			Practical Hours			Study Time	Total	National credits	ECTS
	Lectures	IALS	Sub- Total	Lab study	Field study	Sub- Total				
Cardiovascular System and Related Disorders	113	0	113	8	0	8	38	159	8	6
Nervous System and Related Disorders	146	0	146	8	0	8	55	209	11	8
Growth, Development and Endocrine Disorders	84	6	90	3	0	3	40	133	7	5
Gastrointestinal System and Related Disorders	125	6	131	10	0	10	64	205	10	8
Urogenital System and Related Disorders	109	6	115	11	0	11	85	211	9	8
Clinical Medicine and Professional Skills-V	9	14	23	6	0	6	120	149	2	6
Clinical Medicine and Professional Skills-VI	18	0	18	0	49	49	140	207	3	8
Medical Informatics and Biomedical Technologies-II	15	0	15	33	0	33	78	126	3	5
Medical English-V	10	10	20	30	0	30	26	76	3	3
Medical English-VI	5	5	10	24	0	24	35	69	2	3
FALL TOTAL	634	47	681	133	49	182	681	1544	58	60

IALS Interactive Learning Sessions (Panels, debates, discussions, symposia, case studies, problem-based learning sessions, etc.)

Field Study Site visits, Studies in the community, Working in health facilities

Lab Study Clinical skills labs, Basic sciences labs, Computer labs, Performance sessions

Study Time Self Directed Learning, Preparation

YEAR 3 COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	113	Credit	ECTS
			Practical (Hour)	8		
Cardiovascular System and Related Disorders	MED 303	Fall	Preparation (Hour)	38	8	6

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr
Committee Chairs	Prof. Arda SAYGILI; arda.saygili@acibadem.edu.tr Assist. Prof. Mehmet ERGEN; mehmet.ergen@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor.</p> <p>Biophysics Beki KAN, Ph.D., Prof. Evren KILINÇ, Ph.D., Assist. Prof.</p> <p>Cardiology Sinan DAĞDELEN, M.D., Prof. Mustafa Kemal BATUR, M.D., Prof. Şevket GÖRGÜLÜ M.D., Prof. Tuğrul NORGAZ, M.D., Prof. İlke SİPAHI, M.D., Prof. Tansu KARAAHMET, M.D., Assoc. Prof. Elif EROĞLU, M.D., Assoc. Prof. Duhan Fatih BAYRAK, M.D., Assoc. Prof. Ahmet KARABULUT, M.D., Assoc. Prof. Hakan HASDEMİR, M.D., Assoc. Prof. Gülcan KURU-ABALI, M.D., Assist. Prof. Ali BUTURAK, M.D., Assist. Prof. Selçuk GÖRMEZ, M.D., Assist. Prof. Aleks DEĞİRMENCİOĞLU, M.D., Assist. Prof.</p> <p>Cardiovascular Surgery Hasan KARABULUT, M.D., Prof. Şahin ŞENAY, M.D., Assoc. Prof.</p> <p>Histology & Embryology Serap ARBAK, Ph.D., Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Infectious Disease Sesin KOCAGÖZ, M.D., Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Medical Biochemistry Mustafa SERTESER, M.D., Prof.</p> <p>Medical Biology Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Nuclear Medicine Ahmet Levent GÜNER, M.D., Assist. Prof.</p>

	<p>Pediatrics Cardiology Ender ÖDEMİŞ, M.D., Prof. Arda SAYGILI, M.D., Prof.</p> <p>Pathology İlkser AKPOLAT, M.D., Prof. Ümit İNCE, M.D., Prof. Hale KIRIMLIOĞLU, M.D., Assoc. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof. Emel BALOĞLU, M.D., Ph.D., Assist. Prof.</p> <p>Physiology Güldal SÜYEN, M.D., Ph.D., Prof.</p> <p>Public Health Yeşim YASİN, M.A.,MSc, Ph.D. Assist. Prof.</p> <p>Radiology Özlem SAYGILI BARUTÇU, M.D., Prof. Ercan KARAARSLAN, M.D., Prof.</p> <p>Affiliated Faculty</p> <p>Family Medicine Efe ONGANER, M.D., Assist. Prof.</p> <p>Pharmacology Filiz ONAT, M.D., Prof.</p> <p>Cardiology Ergün SEYFELİ , M.D., Prof. F. Seden ERTEN-ÇELİK, M.D., Assoc. Prof. Zehra İrem SEZER, M.D., Instructor</p>
Course Date	28.09.2015 - 02.11.2015
Educational Methods	Theoretical and practical lectures, discussions, seminars
Evaluation Methods	Theoretical and practical subject committee exams, skills and performance based assessment
Course Aims	This committee aims to provide necessary knowledge and skills about the evaluation of a patient, basic principles of diagnosis, therapy and prevention of the cardiovascular system disorders by integration of basic, clinical sciences.
Learning Outcomes	<p>At the end of this committee the students will be able to;</p> <ul style="list-style-type: none"> · Define anatomical structure of the heart, great vessels and distal arterial and venous vascular system. · Understand embryonic development of the cardiovascular system and histological ultrastructure of the myocardium, endocardium, pericardium and arterial and venous systems. · Describe the fundamentals of biophysics related to the cardiovascular functions. · Define the functions and regulation of the heart and circulatory system · Describe the imaging algorithm for cardiovascular disorders, · Explain the etiology, mechanisms and therapy of infectious diseases of the cardiovascular system, · Explain the pathological mechanisms and structure of the cardiovascular disorders, · Explain the pharmacokinetics and pharmacodynamics properties and mechanisms of actions of drugs used in prevention and treatments of cardiovascular disorders, · Describe the epidemiology and prevention of the cardiovascular disorders, · Learn biochemical laboratory markers of lipid metabolisms, homeostatic system, cardiac injuries, heart failure and atherosclerosis, · Learn genetics, biology and inheritance of the cardiovascular disease, · Explain how to approach to the patient with cardiovascular disorders in primary care and cardiac emergencies, · Take the history and make physical examination of cardiovascular system · Distinguish the normal and pathologic cardiovascular findings, · Describe the diagnostic principles of cardiovascular disorders, · Explain the principle approach and therapy of the cardiovascular diseases · Describe indications and principles of cardiovascular surgery

Course Name	Code	Year	Semester (Fall/Spring)	Theoretical (Hour)	146	Credit	ECTS
				Practical (Hour)	8		
Nervous System and Related Disorders	MED 305	3	Fall	Study Time (Hour)	55	11	8
Educational Language	English						
Course Type	Compulsory						
Course Level	Undergraduate						
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr						
Course Chairs	Assoc. Prof. Elif Ilgaz AYDINLAR; elif.aydinlar@acibadem.edu.tr Assist. Prof. Deniz YÜCEL, deniz.yucel@acibadem.edu.tr						
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor.</p> <p>Anesthesiology and Reanimation Serpil USTALAR ÖZGEN M.D., Assist. Prof. Meltem AÇIL, M.D., Assist. Prof.</p> <p>Biophysics Beki KAN, Ph.D., Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D. Instructor</p> <p>Histology & Embryology Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Infectious Disease Sesin KOCAGÖZ, M.D., Prof. Tanıl KOCAGÖZ, M.D., Prof.</p> <p>Medical Biology Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry Mustafa SERTESER, M.D., Prof.</p> <p>Neurology Fehim ARMAN, M.D., Prof. Ayşe Kocaman SAĞDUYU, M.D., Prof. Murat AKSU, M.D., Prof. Çiğdem DOĞULU, M.D., Assoc. Prof. Geysu KARLIKAYA, M.D., Assoc. Prof. Pınar YALINAY, M.D., Assoc. Prof. Dilaver KAYA, M.D., Assoc. Prof. Elif ILGAZ AYDINLAR, M.D., Assoc. Prof.</p> <p>Neurosurgery M. Necmettin PAMİR, M.D., Prof. Selçuk PEKER, M.D., Prof. Serdar ÖZGEN, M.D., Prof. Zafer BERKMAN, M.D., Prof. Koray ÖZDUMAN, M.D., Assoc. Prof. H. İbrahim SUN, M.D., Assist. Prof.</p>						

	<p>Nuclear Medicine Erkan VARDARELİ, M.D., Prof.</p> <p>Otorhinolaryngology Haluk ÖZKARAKAŞ, M.D., Prof Safer Arif ULUBİL, MD., Assoc. Prof. Şenol POLAT, M.D., Assoc. Prof.</p> <p>Pathology Ümit İNCE, M.D., Prof. Hale KIRIMLIOĞLU, M.D., Assoc. Prof.</p> <p>Pediatrics Uğur IŞIK M.D., Assoc. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof</p> <p>Physiology Güldal SÜYEN, M.D., Ph.D., Prof.</p> <p>Psychiatry Cem İNCESU, M.D., Prof. Kültegin ÖGEL, M.D., Prof.</p> <p>Radiology Simay KARA, M.D., Prof. Alp DİNÇER, M.D., Assoc. Prof.</p> <p>Affiliated faculty</p> <p>Pharmacology Filiz ONAT, M.D. Prof.</p> <p>Psychiatry Burcu GÖKTAN YAVUZ, M.D., Assist. Prof</p> <p>Neurology Yıldız KAYA, M.D., Assist. Prof.</p>
Course Date	03.11.2015 - 28.12.2015
Educational Methods	Theoretical and practical lectures, discussions, seminars
Evaluation Methods	Theoretical and practical subject committee exams, skills and performance based assessment
Course Aims	This course aims to provide an integrated knowledge about the development, structure and physiology of the nervous system and pathogenesis of the disorders related to this system. At the end of this course, third year students will gain knowledge about the signs and symptoms of nervous system disorders, neurological examination, related risk factors, prevention, diagnosis and principles of treatment.
Learning Outcomes	<p>At the end of this course students will be able to</p> <ul style="list-style-type: none"> · Explain the normal structure and function of nervous system · Explain the pathologic processes in neurological disorders · Describe the mechanisms of action of the nervous system related drugs · Define the risk factors related to neurological disorders · Describe signs and symptoms of neurological disorders, · Define the prevention of nervous system disorders, approach to diagnosis, principles of treatment · Take the history and make physical examination of neurological system

Course Name	Code	Year	Semester (Fall/Spring)	Theoretical (Hour)	84	Credit	ECTS
				Practical (Hour)	3		
Growth, Development and Endocrine Disorders	MED 307	3	Fall	Study Time (Hour)	40	7	5
Educational Language	English						
Course Type	Compulsory						
Course Level	Undergraduate						
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr						
Committee Chairs	Assist. Prof. Özlem SEZGİN MERİÇLİLER; ozlem.sezgin@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr						
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Histology & Embryology Serap ARBAK, Ph.D., Prof.</p> <p>Internal Medicine Şebnem AKTARAN, M.D., Prof. Rüştü SERTER, M.D., Prof. Ender ARIKAN, M.D., Prof. Duygu YAZGAN AKSOY, M.D., Prof.</p> <p>Medical Biochemistry Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Muhittin SERDAR, M.D., Prof. Fehime BENLİ AKSUNGAR, M.D., Assoc. Prof.</p> <p>Medical Biology and Genetic Cengiz YAKICIER, M.D., Prof. Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Nuclear Medicine Levent GÜNER, M.D., Assist. Prof.</p> <p>Pathology Ümit İNCE, M.D., Prof. İlker AKPOLAT, M.D., Prof. Özlem AYDIN, M.D., Assoc. Prof.</p> <p>Pediatrics Serap SEMİZ, M.D., Prof. Yasemin ALANAY, M.D., Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof. Emel BALOĞLU, M.D., Ph.D., Assist. Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.</p> <p>Public Health Yeşim YASİN, M.A., MSc, Ph.D. Assist. Prof.</p> <p>Radiology Simay ALTAN KARA, M.D. Prof. Ümit ÖZCAN, M.D., Assoc. Prof.</p>						

	<p>Affiliated faculty Pharmacology Filiz ONAT, M.D. Prof. Family Medicine Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN, M.D. Instructor. Internal Medicine Neslihan KURTULMUŞ, M.D., Prof. Özlem SEZGİN MERİÇLİLER, M.D., Assist. Prof. Özlem ÇELİK, M.D., Assist. Prof.</p>
Course Date	29.12.2015-05.02.2016
Educational Methods	Theoretical and practical lectures, discussions, seminars
Evaluation Methods	Theoretical and practical subject committee exams, skills and performance based assessment
Course Aims	This subject committee aims to provide a broad overview of the field of growth, development, and endocrinology and the principles that are important for the diagnosis, management and prevention of endocrine disorders by complementing basic and clinical science approach.
Learning Outcomes	<p>At the end of this committee the students will be able to</p> <ul style="list-style-type: none"> · Explain the normal organ structure of endocrine system · Explain the physiological effects of hormones · Define the basics of hormone synthesis, release, and action · Describe the hereditary basis of endocrine diseases · Define the pathological changes in the organ associated with endocrine system · Interpret the complex relationships of endocrine system with other organ systems and its effects upon development, growth, and metabolism · Define the radiological, nuclear medicine techniques and implement when necessary for the diagnosis and management of endocrine disorders · Define the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatment of the endocrine system disorders. · Describe the importance of endocrine diseases as a public health problem

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	23	Credit	ECTS
			Practical (Hour)	6		
Clinical Medicine and Professional Skills-V	MED 309	Fall	Study Time (Hour)	120	2	6
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr					
CMPS Coordinators	Assist. Prof. Figen DEMİR; figen.demir@acibadem.edu.tr Assoc. Prof. Pinar TOPSEVER; pinar.topsever@acibadem.edu.tr					
Academic Units & Staff	<p>Behavioral Science Kültegin ÖGEL, M.D., Prof.</p> <p>Family Medicine Pinar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Pediatrics Yasemin ALANAY, M.D., Ph.D., Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.</p> <p>Medical Biology Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Forensic Medicine Işıl PAKIŞ, M.D., Ph.D., Assoc. Prof.</p> <p>Public Health Figen DEMİR, M.D., Assist. Prof.</p> <p>Affiliated Faculty Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN, M.D., Instructor</p>					
Course Date	07.10.2015 - 01.02.2016					
Educational Methods	Theoretical and practical sessions, peer discussions, experiential learning, case studies and group presentations, simulated patient encounters.					
Assessment Methods	Written examination, case analyzing, and assignments, standardized patient encounters.					
Course Aims	<p>This course aims;</p> <p>Research in Health: Evidence Based Medicine (EBM) <i>-Critical Appraisal of Medical Literature-</i> 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.</p> <p>Advanced Communication Skills: To enable students to effectively manage difficult situations and sensitive issues during medical interviews using appropriate communication skills</p>					

<p>Learning Outcomes</p>	<p>By the end of this course, the students will be able to;</p> <p>Research in Health: Evidence Based Medicine (EBM)</p> <p><i>Critical Appraisal of Medical Literature</i></p> <ul style="list-style-type: none"> · 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 <p>Advanced Communication Skills</p> <ul style="list-style-type: none"> · be able to name the steps of the process of breaking bad news · be able to demonstrate the key communication skills necessary for breaking bad news · define “difficult patient encounter” · be aware of the function of communication skills for the management of “difficult patients encounter” · be able to manage patient emotions and difficult questions · Be able to effectively communicate and manage needs of patients with different cultural and social background · define and demonstrate communication skills necessary for managing patients in specific clinical contexts (e.g. Initiating behaviour change). · define and demonstrate communication skills necessary for managing the health care needs of terminal patients and their families and carers. · be aware of the function of non-verbal communication and active listening skills for managing sensitive issues in medical interviews · define “appropriate informed consent” · demonstrate communication skills necessary to seek and obtain appropriate informed consent from patients and/or carers, even in difficult situations · value the importance of a patient centered approach for managing difficult patient encounter · 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)
---------------------------------	--

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	15	Credit	ECTS
			Practical (Hour)	33		
Medical Informatics and Biomedical Technologies-II	MED 311	Fall and Spring	Study Time (Hour)	78	3	5

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr
Course Chairs	Prof. Uğur SEZERMAN, ugur.sezerman@acibadem.edu.tr Assist. Prof. Erdal COŞGUN, erdal.coskun@acibadem.edu.tr Assist. Prof. Onur KARATUNA, onur.karatuna@acibadem.edu.tr
Academic Staff	Fevzi TORAMAN, M.D, Prof. Haluk ÖZKARAKAŞ, M.D., Prof. Murat SARUÇ, M.D., Prof. Ali Rıza KURAL, M.D., Prof. Enis ÖZYAR, M.D., Prof. Erkan VARDARELİ, M.D., Prof. Bahattin ÇİÇEK, M.D., Prof. Tayfun BAĞIŞ, M.D., Prof. Serkan ERKANLI, M.D. Prof. Ömer Faruk ÜNAL, M.D., Prof. Eser KUTSAL, M.D., Assoc. Prof. F. Seden ERTEN-ÇELİK, M.D., Assoc. Prof. Ahmet AKYOL, M.D., Assoc. Prof. Ülkem ÇAKIR, M.D., Assoc. Prof. Hakan HASDEMİR, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Evren KILINÇ, Ph.D., Assist. Prof. Ahmet Levent GÜNER, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof. Ali BUTURAK, M.D., Assist. Prof. Deniz YÜCEL, Ph.D., Assist. Prof. Mehmet ERGEN, Ph.D., Assist. Prof. Elif ILGAZ AYDINLAR, M.D., Assist. Prof. Yıldız KAYA, M.D., Assist. Prof. Beste Kınıkoğlu, Ph.D., Assist. Prof. Zehra İrem SEZER, M.D., Instructor Seçkin SATILMIŞ, Instructor
Course Date	09.10.2015-03.06.2016
Educational Methods	Theoretical and Practical Courses, Discussions, Field Studies
Evaluation Methods	Theoretical and Practical Examinations, Homeworks, Presentations, Discussions, Skills, Performance Based Assessment

Course Aims	<p>This course aims to provide necessary knowledge about technologies used in medicine for diagnosis and treatment. It aims to achieve this goal by giving information about the basic principles to which these technologies are based on and how these scientific principles are turned into diagnostic and therapeutic tools. It 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. This year's course also aims to apply the knowledge of bioinformatics and biostatistics obtained in previous years to various projects of medicine.</p>
Learning Outcomes	<p>By the end of this course, the students will be able to</p> <ul style="list-style-type: none">· understand the principles of endoscopic systems used in the examination of respiratory, gastrointestinal and urogenital systems· describe the diagnostic and therapeutic applications of endoscopic systems· explain the scientific concepts that led to the development of imaging techniques like ultrasonography (US), echocardiography, computerized tomography (CT), magnetic resonance imaging (MRI)· understand the use of ventilators and other reanimation instruments· distinguish the similarities and differences between natural and artificial respiratory and circulatory systems· evaluate the results obtained by instruments like electrocardiography (ECG), electromyography (EMG) and electroencephalography (EEG) that measure the electrical activities of the systems and understand the relation between the electric signals and activities of various organ systems.· judge the differences and advantages between classical surgery techniques and robotic, stereotaxic and image-guided surgery· gain knowledge about radiotherapy instruments and their role in tumor treatment· compare the natural kidney functions to dialysis systems and artificial kidneys· understand how laser is used in therapeutic applications in medicine

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	125	Credit	ECTS
			Practical (Hour)	10		
Gastrointestinal System, Metabolism and Related Disorders	MED 304	Fall	Study Time (Hour)	64	10	8

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr
Committe Chairs	Assist. Prof. Özdal ERSOY; ozdal.ersoy@acibadem.edu.tr Inst.Elif Nedret KESKİNÖZ; elif.keskinoz@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor.</p> <p>Family Medicine Demet DİNÇ, M.D., Instructor</p> <p>Internal Medicine Nurdan TÖZÜN, M.D., Prof. Murat SARUÇ, M.D., Prof. Bahattin ÇIÇEK, M.D., Prof. Bülent DEĞERTEKİN, M.D., Assoc. Prof. Fatih Oğuz ÖNDER, M.D., Assoc. Prof. Eser KUTSAL, M.D., Assoc. Prof. Özdal ERSOY, M.D., Assist. Prof. Nurten TÜRKEL, M.D., Assist. Prof.</p> <p>Histology & Embryology Serap ARBAK, Ph.D., Prof.</p> <p>Infectious Diseases Sesin KOCAGÖZ, M.D., Prof. Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Özgür KURT, M.D., Ph.D. Prof.</p> <p>Medical Biology Cengiz YAKICIER, M.D., Prof.</p> <p>Medical Biochemistry Mustafa SERTESER, M.D., Prof. Abdurrahman COŞKUN, M.D., c. Prof. Muhittin SERDAR, M.D., Prof. Fehime BENLİ AKSUNGAR, M.D., Assoc. Prof.</p> <p>Pathology İlkser AKPOLAT, M.D., Prof. Ümit İNCE, M.D., Prof. Özlem AYDIN, M.D., Prof. Hale KIRIMLIOĞLU, M.D. Assoc. Prof. Yeşim SAĞLICAN, M.D, Instructor</p> <p>Pediatric Surgery K.Latif ABBASOĞLU, M.D., Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof. Emel BALOĞLU, M.D. Ph.D., Assist. Prof.</p>

	<p>Physiology Meltem KOLGAZI, Ph.D., Assist. Prof.</p> <p>Public Health Yeşim YASİN, M.A.,MSc, Ph.D. Assist. Prof.</p> <p>Radiology Özlem SAYGILI BARUTÇU, M.D. Prof. Erdem YILDIZ, M.D., Assist. Prof. Sıla ULUS, M.D., Assist. Prof.</p> <p>Affiliated Faculty</p> <p>Family Medicine Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN, M.D., Instructor</p> <p>Pharmacology Filiz ONAT, M.D. Prof.</p> <p>Pediatrics Vildan ERTEKIN, M.D., Prof. Mahir GÜLCAN, M.D. Prof. Serdar BEKEN, M.D.</p>
Course Date	22.02.2015-11.04.2016
Educational Methods	Theoretical and practical lectures, discussions, seminars
Evaluation Methods	Theoretical and practical subject committee exams, skills and performance based assessment
Course Aims	This course aims to provide necessary knowledge about the Gastrointestinal System disorders, basic mechanisms of digestion, the development and structure of the digestive system organs, the metabolism of nutrients and related diseases. In this context the normal and abnormal functions of the GI system are discussed to make a basis for problem solving in clinical presentation, diagnosis, prevention and treatment of gastrointestinal and liver diseases.
Learning Outcomes	<p>By the end of this committee, the students will be able to</p> <ul style="list-style-type: none"> · Explain the anatomy of gastrointestinal system. · Explain the physiology of gastrointestinal system · Explain the pathologic processes of gastrointestinal system and related organs in children and adults · Explain the molecular and genetic basis of digestive organ cancers · Explain the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatment of the endocrine system disorders. · Explain the pathogenesis, clinical signs and symptom and therapy of infectious gastroenteritis and food poisoning · Describe the epidemiology and prevention of food and water borne diseases · Explain the metabolism and transport of nutrients · Describe the gastric, intestinal, liver and pancreatic tests and the bilirubin mechanism · Name and indicate the etiologies and clinics of gastrointestinal diseases in children · Explain the prevention and management of digestive disease as a primary care provider · Name the imaging modalities and algorithm of the gastrointestinal disease · Explain the clinical features, diagnostic approaches and treatment modalities of gastrointestinal disease

Course Name	Code	Year	Semester	Theoretical (Hour)	109	Credit	ECTS
				Practical (Hour)			
Urogenital System and Related Disorders	MED 306	3	Spring	Study Time (Hour)	85	9	8
Educational Language	English						
Course Type	Compulsory						
Course Level	Undergraduate						
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr						
Course Chairs	Prof. Serkan ERKANLI; serkan.erkarli@acibadem.edu.tr Assist. Prof. Deniz AĞIRBAŞLI; deniz.agirbasli@acibadem.edu.tr						
Academic Units & Staff	<p>Anatomy Mustafa AKTEKİN, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, Ph.D., Instructor.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Gynecology & Obstetrics Tayfun BAĞIŞ, M.D., Prof. Tansu KÜÇÜK, M.D., Prof. Özlem PATA, M.D., Prof. A. Cem BATUKAN, M.D., Prof. Serkan ERKANLI, M.D., Prof. İbrahim BİLDİRİCİ, M.D., Prof. Derya EROĞLU, M.D., Assoc. Prof</p> <p>Histology & Embryology Serap ARBAK, Ph.D., Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Infectious Diseases Sesin KOCAGÖZ, M.D., Prof. Tanıl KOCAGÖZ, M.D., Prof.</p> <p>Medical Biology Cengiz YAKICIER, M.D., Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Medical Biochemistry Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Muhittin SERDAR, M.D., Prof.</p> <p>Nephrology N. Ülkem ÇAKIR, M.D., Assoc. Prof.</p> <p>Nuclear Medicine Levent GÜNER, M.D., Assist. Prof.</p> <p>Pathology Handan ZEREN, M.D. Prof. Özlem AYDIN, M.D., Assoc. Prof. Hale KIRIMLIOĞLU, M.D., Assoc. Prof. Yeşim SAĞLICAN, M.D. Instructor</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p>						

	<p>Physiology Mehmet ERGEN, Ph.D., Assist. Prof.</p> <p>Public Health YeşimYasin, M.A.,MSc, Ph.D. Assist. Prof.</p> <p>Radiology Ümit ÖZCAN, M.D., Assist. Prof. M. Erdem YILDIZ, M.D., Assist Prof.</p> <p>Urology Selçuk YÜCEL, M.D., Prof. Hakan ÖZVERİ, M.D., Assist. Prof. Bora ÖZVEREN, M.D., Assist. Prof. Enis Rauf COŞKUNER, M.D., Assist. Prof. Selçuk KESKİN, M.D., Assist. Prof. İlter TÜFEK, M.D., Assist. Prof. Burak ÖZKAN, M.D., Assist. Prof.</p> <p>Affiliated Faculty Filiz ONAT, M.D. Prof.</p> <p>Family Medicine Şirin PARKAN, M.D.</p> <p>Pediatrics Gamze BEREKET, M.D., Assist. Prof.</p> <p>Nephrology Gökçen ALIŞ Sevgi ŞAHİN Alper KIRKPANTUR</p>
Course Date	12.04.2016-10.06.2016
Educational Methods	Theoretical and practical lectures, discussions, seminars
Evaluation Methods	Theoretical and practical subject committee exams, skills and performance based assessment
Course Aims	The aim of the course is to provide an integrated knowledge about the development, structure, genetics and physiology of the urinary system and male and female genital systems and evaluate the etiology and pathogenesis of the related diseases. We also aim to outline the general aspects of pregnancy, reproductive endocrinopathies, benign, and malign conditions of genital systems and point out the importance of urinary tract pathologies.
Learning Outcomes	<ul style="list-style-type: none"> · Review the anatomy, histology and physiology of the male and female urogenital systems and pelvis · Assess and classify the pathologic changes related to urogenital disease. · Recognize the pharmacological properties of agents used for treatment of urogenital system disorders · Recognize the pathophysiology of urologic diseases and cardinal presenting symptoms, including symptoms related to urolithiasis, infection, and urologic malignancies, · Become familiar with the general diagnostic approach and various diagnostic modalities related to common urologic and gynecologic problems · Define etiological and risk factors of male and female urogenital tract infectious disease · Relate the main problems of obstetrics and gynecology from perspectives of Family Medicine and Public Health. · Describe the physiology of pregnancy and how to manage normal and high-risk pregnancies with introduction to genetic counseling · Recognize genetic basis of hereditary urogenital system and breast diseases · Explain how to approach to the patient with urogenital symptoms in primary care · Outline the principles of antenatal care and list routine tests of pregnancy · Describe early stages of development and physiological changes of pregnancy · Describe the physiology of normal labor and delivery · Describe physiological changes in the puerperium · Define methods of female contraception and explain their mechanism of action · Recognize basic principles of renal physiology and interpretation of renal function tests. Classify renal pathologies with emphasis on hypertension, renal failure and acid-base status. · Explain the anatomy and the classification of benign and malign conditions of the breast

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	18	Credit	ECTS
			Practical (Hour)	49		
Clinical Medicine and Professional Skills-VI	MED 308	Spring	Study Time (Hour)	140	3	8
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr					
CMPS Coordinators	Assist. Prof. Figen DEMİR; figen.demir@acibadem.edu.tr Assoc. Prof. Pınar TOPSEVER; pinar.topsever@acibadem.edu.tr					
Academic Units & Staff	<p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assoc. Prof.</p> <p>Public Health Figen DEMİR, M.D., Ph.D., Assist. Prof. Yeşim YASİN, M.A., MSc, Ph.D., Assist. Prof.</p> <p>Medical Biology Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Forensic Medicine Işıl PAKIŞ, M.D., Ph.D., Assoc. Prof.</p> <p>Affiliated Faculty Haluk ÖZSARI, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN, M.D., Instructor</p>					
Course Date	24.02.2016 - 01.06.2016					
Educational Methods	Working in PC, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions, simulated patient encounters.					
Assessment Methods	Written examination, log-books, performance assessment, standardized patient encounters.					
Course Aims	<p>This course aims to;</p> <p>Health and Society Observe Practice in Primary Care Consolidate, and transfer prior learning into the primary health care setting and practice of them.</p> <p>Comprehensive Medical Practice Create an opportunity for the students to demonstrate the competence of combining clinical and procedural skills with biomedical knowledge and good professional conduct for individual patient care in daily medical practice</p> <p>Health Systems and Policy to develop a broad understanding of health systems and health care delivery processes.</p> <p>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.</p>					

Learning Outcomes	<p>Health and Society Practice in Primary Care</p> <ul style="list-style-type: none">· 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 <p>Comprehensive Medical Practice</p> <ul style="list-style-type: none">· demonstrate a comprehensive performance of clinical communication skills, physical examination skills, procedural skills together with clinical and ethical reasoning during simulated standardized patient encounters (or on models, where applicable) <p>Health Systems and Policy</p> <ul style="list-style-type: none">· 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 <p>Health Economics</p> <ul style="list-style-type: none">· 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.
--------------------------	--



ACIBADEM
UNIVERSITY



28.09.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00	Introduction to the Year 3	Güldal Süyen, Emel Baloğlu
10:10 – 10:50	Introduction to MED 303 Subject Committee: Cardiovascular system and related disorders	Arda Saygılı, Mehmet Ergen
11:00 – 11:40	Heart and pericardium	Elif Keskinöz
11:50 – 12:30	Heart and pericardium	Elif Keskinöz
13:30 – 14:10	Heart and pericardium	Elif Keskinöz
14:20 – 15:00	The heart as a pump; cardiac action potential	Güldal Süyen
15:10 – 15:50	The heart as a pump; cardiac action potential	Güldal Süyen
16:00 – 16:40	Study time	

29.09.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Large vessels and blood circulation	Elif Keskinöz
11:00 – 11:40	Cardiac cycle	Güldal Süyen
11:50 – 12:30	Cardiac cycle	Güldal Süyen
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	Study time	
16:00 – 16:40	Study time	

30.09.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:00 – 12:00	OPENING CEREMONY	
13:30 – 14:10	Rhythmical excitation of the heart	Güldal Süyen
14:20 – 15:00	Rhythmical excitation of the heart	Güldal Süyen
15:10 – 15:50	LAB: Heart and pericardium _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
16:00 – 16:40		

01.10.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Drugs altering cholinergic neurotransmission in the CVS	İsmail Hakkı Ulus
10:10 – 10:50	Drugs altering catecholaminergic neurotransmission in the CVS	İsmail Hakkı Ulus
11:00 – 11:40	Regulation of blood flow	Güldal Süyen
11:50 – 12:30	Regulation of blood flow	Güldal Süyen
13:30 – 14:10	Physiological principles of heart sounds	Güldal Süyen
14:20 – 15:00	LAB: Heart and pericardium _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
15:10 – 15:50		
16:00 – 16:40	Study time	

02.10.2015 FRIDAY		
08:30 – 09:10	Development of cardiovascular system	Serap Arbak
09:20 – 10:00	Development of cardiovascular system	Serap Arbak
10:10 – 10:50	Regulation of cardiac functions	Güldal Süyen
11:00 – 11:40	Circulation through special regions	Güldal Süyen
11:50 – 12:30	Study time	
13:30 – 14:10	LAB: Histology of heart and blood vessels _ Group A	S. Arbak, D.Yücel
14:20 – 15:00		
15:10 – 15:50	LAB: Histology of heart and blood vessels _ Group B	S. Arbak, D.Yücel
16:00 – 16:40		

05.10.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Lipoprotein metabolism and hyperlipidemias	Mustafa Serteser
10:10 – 10:50	Lipoprotein metabolism and hyperlipidemias	Mustafa Serteser
11:00 – 11:40	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Mustafa Serteser
11:50 – 12:30	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Mustafa Serteser
13:30 – 14:10	Regulation of blood pressure	Güldal Süyen
14:20 – 15:00	Regulation of blood pressure	Güldal Süyen
15:10 – 15:50	Clinical anatomo-physiopathology of the heart	Gülcan Abalı
16:00 – 16:40	Topographic anatomy of the cardiovascular system	Gülcan Abalı
06.10.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Anticoagulant and thrombolytic agents	Filiz Onat
10:10 – 10:50	Drugs affecting vasopressin and the renin-angiotensin system	İsmail Hakkı Ulus
11:00 – 11:40	Drugs affecting vasopressin and the renin-angiotensin system	İsmail Hakkı Ulus
11:50 – 12:30	Basic concepts of fluid flow: Pressure, Pascal's law, Poiseuille's law	Beki Kan
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-Journal Club	Pınar Topsever, Sesin Kocagöz
15:10 – 15:50	Medical English-Journal Club	Pınar Topsever, Sesin Kocagöz
16:00 – 16:40	Medical English-Journal Club	Pınar Topsever, Sesin Kocagöz
07.10.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Viscosity, laminar and turbulent flow	Evren Kılınc
10:10 – 10:50	Equation of continuity, kinetic energy associated with blood: Bernoulli's law	Evren Kılınc
11:00 – 11:40	Cardiovascular history and symptoms	Şevket Görgülü
11:50 – 12:30	Physical examination in cardiology	Şevket Görgülü
13:30 – 14:10	LAB: Large vessels and blood circulation _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
14:20 – 15:00	LAB: Large vessels and blood circulation _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
08.10.2015 THURSDAY		
08:30 – 09:10	Drugs affecting the NO system	İsmail Hakkı Ulus
09:20 – 10:00	Electrical fields, potential, potential at a point	Evren Kılınc
10:10 – 10:50	Basic principles of ECG (MI&BT-II)	Evren Kılınc
11:00 – 11:40	Physiological principles of ECG	Güldal Süyen
11:50 – 12:30	Physiological principles of ECG	Güldal Süyen
13:30 – 14:10	Biophysics of blood vessel systems, Laplace's law	Evren Kılınc
14:20 – 15:00	Biophysics of blood vessel systems, Laplace's law	Evren Kılınc
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu
09.10.2015 FRIDAY		
08:30 – 09:10	Pressure drop, resistance of vascular beds	Beki Kan
09:20 – 10:00	Artificial respiratory and circulatory systems (MI&BT-II)	Efe Onganer
10:10 – 10:50	Ventilatory and other reanimation unit instruments (MI&BT-II)	Efe Onganer
11:00 – 11:40	Atrial and ventricular fibrillation	Hakan Hasdemir
11:50 – 12:30	Atrial and ventricular fibrillation	Hakan Hasdemir
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	Group A: Cardiac diagnostic tests: Echocardiography and stress tests; ECG, Cardiac catheterization and coronary angiography (ACU CASE) Ali Buturak, Seden Erten Çelik, Ahmet Akyol, Seçkin Satılmış, Zehra İrem Sezer, Hakan Hasdemir	Group B: Ventilation and other re-animation equipments Artificial respiratory systems (ACU CASE) Fevzi Toraman

12.10.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	MED 303 EXAMINATION	
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 14:10	Pathophysiology of heart failure	Seden Erten Çelik
14:20 – 15:00	Right and left heart failure: diagnosis and treatment	Elif Eroğlu
15:10 – 15:50	Drug treatment of cardiac arrhythmia	Emel Baloğlu
16:00 – 16:40	Cardiac pacemakers	Evren Kılınc

13.10.2015 TUESDAY		
08:30 – 09:10	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Duhan Fatih Bayrak
09:20 – 10:00	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Duhan Fatih Bayrak
10:10 – 10:50	ECG: bradycardia and heart blocks	Duhan Fatih Bayrak
11:00 – 11:40	Cardiac infections	Sesin Kocagöz
11:50 – 12:30	Cardiac infections	Sesin Kocagöz
13:30 – 14:10	LAB: ECG recording and evaluation _ Group A	A. Akyol, D. F. Bayrak
14:20 – 15:00	LAB: ECG recording and evaluation _ Group B	A. Akyol, D. F. Bayrak
15:10 – 15:50	LAB: ECG recording and evaluation _ Group C	A. Akyol, D. F. Bayrak
16:00 – 16:40	LAB: ECG recording and evaluation _ Group D	A. Akyol, D. F. Bayrak
16:50 – 17:30	LAB: ECG recording and evaluation _ Group E	A. Akyol, D. F. Bayrak

14.10.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Systemic hypertension: mechanisms and diagnosis	İlke Sipahi
10:10 – 10:50	Vascular biology and atherosclerosis	İlke Sipahi
11:00 – 11:40	CMPS V: Research in Health /Evidence Based Medicine (EBM)	Figen Demir
11:50 – 12:30	<i>Introduction to the principles of evidence based medicine</i>	
13:30 – 14:10	Atherosclerosis and hypertensive vascular diseases	Hale Kırımıoğlu
14:20 – 15:00	Atherosclerosis and hypertensive vascular diseases	Hale Kırımıoğlu
15:10 – 15:50	The role of gravity in circulation	Evren Kılınc
16:00 – 16:40	ECG: ischemia, injury, necrosis	Sinan Dağdelen

15.10.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Vascular events and atherosclerosis	Mustafa Serteser
10:10 – 10:50	Vascular events and atherosclerosis	Mustafa Serteser
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
13:30 – 14:10	Drug treatment of heart failure	Filiz Onat
14:20 – 15:00	Drug treatment of heart failure	Filiz Onat
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

16.10.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Hypotension and syncope: mechanisms and diagnosis	Tuğrul Norgaz
10:10 – 10:50	Aortic diseases	Tuğrul Norgaz
11:00 – 11:40	Clinical evaluation of hereditary cardiovascular diseases	Aleks Değirmencioglu
11:50 – 12:30	Coronary blood flow and myocardial ischemia	Aleks Değirmencioglu
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	Group B: <i>Cardiac diagnostic tests: Echocardiography and stress tests; ECG, Cardiac catheterization and coronary angiography (ACU CASE)</i> Ali Buturak, Seden Erten Çelik, Ahmet Akyol, Seçkin Satılmış, Zehra İrem Sezer, Hakan Hasdemir	Group A: <i>Ventilation and other re-animation equipments</i> <i>Artificial respiratory systems (ACU CASE)</i> Fevzi Toraman

19.10.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Angina Pectoris; diagnosis and classification	Ahmet Karabulut
10:10 – 10:50	Lipoprotein disorders and cardiovascular diseases	Ahmet Karabulut
11:00 – 11:40	Myocardial infarction: mechanisms and diagnosis	Mustafa Kemal Batur
11:50 – 12:30	Coronary heart disease: Primary prevention	Ergün Seyfeli
13:30 – 14:10	Cardiac shock	Tansu Karaahmet
14:20 – 15:00	Cardiomyopathies	Tansu Karaahmet
15:10 – 15:50	Genetic and metabolic cardiomyopathies	Ender Ödemiş
16:00 – 16:40	Pulmonary hypertension	Ender Ödemiş
20.10.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Drug treatment of myocardial ischemia	İsmail Hakkı Ulus
10:10 – 10:50	Drug treatment of myocardial ischemia	İsmail Hakkı Ulus
11:00 – 11:40	Ischemic heart disease	İlker Akpolat
11:50 – 12:30	Ischemic heart disease	İlker Akpolat
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü
21.10.2015 WEDNESDAY		
08:30 – 09:10	Fetal cardiology	Arda Saygılı
09:20 – 10:00	Rheumatic fever	Arda Saygılı
10:10 – 10:50	Cyanosis	Ender Ödemiş
11:00 – 11:40	CMPS V: Research in Health /EBM	
11:50 – 12:30	<i>Error sources in epidemiological studies-1</i>	Figen Demir, Pınar Topsever
13:30 – 14:10	Tricuspid and Pulmonary valvular heart diseases	Seden Erten Çelik
14:20 – 15:00	Mitral and Aortic valvular heart diseases	Zehra İrem Sezer
15:10 – 15:50	Pathology of valvular heart diseases	Ümit İnce
16:00 – 16:40	Pathology of valvular heart diseases	Ümit İnce
22.10.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Drug treatment of hypertension	Filiz Onat
10:10 – 10:50	Drug treatment of hypertension	Filiz Onat
11:00 – 11:40	Hemostasis, thrombosis, fibrinolysis and cardiovascular disease	Ali Buturak
11:50 – 12:30	Diseases of the arterial and venous system	Ali Buturak
13:30 – 14:10	Vasculitis	Hale Kırımlioğlu
14:20 – 15:00	Vasculitis	Hale Kırımlioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü
23.10.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Introduction to surgical management of adult cardiovascular heart diseases	Şahin Şenay
10:10 – 10:50	General Principles of CV Surgery	Hasan Karabulut
11:00 – 11:40	Congenital Heart Diseases	Arda Saygılı
11:50 – 12:30	Congenital Heart Diseases	Arda Saygılı
13:30 – 14:10	Approach to CVDs in PHC	Efe Onganer
14:20 – 15:00	Approach to the patient with chest pain in primary care	Efe Onganer
15:10 – 15:50	Pericardial diseases	Selçuk Görmez
16:00 – 16:40	Study time	

26.10.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Genetics of cardiovascular diseases	Deniz Ağırbaşlı
10:10 – 10:50	Nuclear cardiology	Levent Güner
11:00 – 11:40	Epidemiology and prevention of cardiovascular diseases	Yeşim Yasin
11:50 – 12:30	Epidemiology and prevention of cardiovascular diseases	Yeşim Yasin
13:30 – 14:10	X-ray; sectional anatomy of CT and MRI of the cardiac system and clinic radiological algorithm	Özlem Saygılı Barutçu
14:20 – 15:00	X-ray; sectional anatomy of CT, DSA and MRI of the Vascular system; algorithm	Ercan Karaarslan
15:10 – 15:50	Cardiovascular implant technology and tissue engineering applications (MI&BT-II)	Deniz Yücel
16:00 – 16:40	Cardiovascular implant technology and tissue engineering applications (MI&BT-II)	Deniz Yücel

27.10.2015 TUESDAY		
08:30 – 09:10	Study time	
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	Drug treatment of atherosclerosis - hypercholesterolemia and dyslipidemia	İsmail Hakkı Ulus
11:50 – 12:30	Drug treatment of atherosclerosis - hypercholesterolemia and dyslipidemia	İsmail Hakkı Ulus
13:30 – 14:10	LAB: Peripheral vascular evaluation and related tests; heart sounds and cardiac maneuvers _ Group B	Tansu Karaahmet, Seçkin Satılmış
14:20 – 15:00		Gülcan Abalı, Hakan Hasdemir
15:10 – 15:50	LAB: Peripheral vascular evaluation and related tests; heart sounds and cardiac maneuvers _ Group A	Tansu Karaahmet, Seçkin Satılmış
16:00 – 16:40		Gülcan Abalı, Hakan Hasdemir

28.10.2015 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	
REPUBLIC DAY		

29.10.2015 THURSDAY		
REPUBLIC DAY		

30.10.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

02.11.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 303 THEORETICAL EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MED 303 PRACTICAL EXAMINATION	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

03.11.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Introduction to MED 305 Subject Committee: Nervous system and related disorders	Elif Ilgaz Aydınlar, Deniz Yücel
10:10 – 10:50	Introduction to neuroanatomy	Alp Bayramoğlu
11:00 – 11:40	Meninges and dural sinuses of brain	Alp Bayramoğlu
11:50 – 12:30	Meninges and dural sinuses of brain	Alp Bayramoğlu
13:30 – 14:10	Spinal cord	Mustafa Aktekin
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

04.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Spinal cord: ascending tracts	Mustafa Aktekin
10:10 – 10:50	Spinal cord: descending tracts	Mustafa Aktekin
11:00 – 11:40	CMPS V: Research in Health /EBM	Figen Demir, Pınar Topsever
11:50 – 12:30	<i>Error sources in epidemiological studies-2</i>	
13:30 – 14:10	LAB: Spinal cord, meninges and dural sinuses of brain _ Group A	A. Bayramoğlu, M. Aktekin,
14:20 – 15:00		E. N. Keskinöz
15:10 – 15:50	LAB: Spinal cord, meninges and dural sinuses of brain _ Group B	A. Bayramoğlu, M. Aktekin,
16:00 – 16:40		E. N. Keskinöz

05.11.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Reflexes	Güldal Süyen
10:10 – 10:50	Medulla oblongata	Alp Bayramoğlu
11:00 – 11:40	Pons	Mustafa Aktekin
11:50 – 12:30	Mesencephalon	Mustafa Aktekin
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

06.11.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Cerebellum	Mustafa Aktekin
10:10 – 10:50	Functions of cerebellum	Güldal Süyen
11:00 – 11:40	Functions of cerebellum	Güldal Süyen
11:50 – 12:30	Cranial nerves	
13:30 – 14:10	Cranial nerves	Elif Keskinöz
14:20 – 15:00	Cranial nerves	Elif Keskinöz
15:10 – 15:50	Clinical evaluation of cranial nerves	Geysu Karlıkaya
16:00 – 16:40	Otolaryngological presentations of cranial nerve palsies	Şenol Polat

09.11.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Cerebellum and brain stem _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
10:10 – 10:50	LAB: Cerebellum and brain stem _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
11:00 – 11:40	Thalamus	Elif Keskinöz
11:50 – 12:30	Hypothalamus and hypophysis	Mustafa Aktekin
13:30 – 14:10	Basal ganglia, epithalamus and subthalamus	Elif Keskinöz
14:20 – 15:00	Functions of basal ganglia	Güldal Süyen
15:10 – 15:50	Extrapyramidal system disorders	Murat Aksu
16:00 – 16:40	Study time	

10.11.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Cerebral hemispheres; general topography	Alp Bayramoğlu
10:10 – 10:50	Cerebral hemispheres, motor and sensory areas, medullary substance	Alp Bayramoğlu
11:00 – 11:40	Autonomic Nervous System	Elif Keskinöz
11:50 – 12:30	Autonomic Nervous System	Elif Keskinöz
13:30 – 14:10	Histology of Cerebrum, Cerebellum and Spinal Cord: An Overview	Deniz Yücel
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

11.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Development of the Nervous System	Deniz Yücel
10:10 – 10:50	Development of the Nervous System	Deniz Yücel
11:00 – 11:40	CMPS V: Research in Health / EBM	
11:50 – 12:30	<i>Randomized clinical trials</i>	Figen Demir, Pınar Topsever
13:30 – 14:10	LAB: Cerebral cortex, hemispheres, diencephalon, basal ganglia, cranial nerves _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
14:20 – 15:00	LAB: Cerebral cortex, hemispheres, diencephalon, basal ganglia, cranial nerves _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
15:10 – 15:50	LAB: Cerebral cortex, hemispheres, diencephalon, basal ganglia, cranial nerves _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
16:00 – 16:40	LAB: Cerebral cortex, hemispheres, diencephalon, basal ganglia, cranial nerves _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz

12.11.2015 THURSDAY		
08:30 – 09:10	Vessels of central nervous system	Alp Bayramoğlu
09:20 – 10:00	Brain ventricles and circulation of CSF	Alp Bayramoğlu
10:10 – 10:50	Regulation of cerebral blood flow and CSF circulation	Güldal Süyen
11:00 – 11:40	LAB: ANS, Brain ventricles and CSF vessels of CNS_ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
11:50 – 12:30		
13:30 – 14:10	LAB: ANS, Brain ventricles and CSF vessels of CNS_ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
14:20 – 15:00		
15:10 – 15:50	Medical English	
16:00 – 16:40	Medical English	

13.11.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Laboratory evaluation of CSF	Mustafa Serteser
10:10 – 10:50	Laboratory evaluation of CSF	Mustafa Serteser
11:00 – 11:40	Neurotransmitters	Mustafa Serteser
11:50 – 12:30	Neurotransmitters	Mustafa Serteser
13:30 – 14:10	Anatomy of limbic system	Elif Keskinöz
14:20 – 15:00	Limbic system	Güldal Süyen
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

16.11.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Eye, visual pathway	Mustafa Aktekin
10:10 – 10:50	Eye, visual pathway	Mustafa Aktekin
11:00 – 11:40	The orbit and its contents	Mustafa Aktekin
11:50 – 12:30	Central neurophysiology of vision	Güldal Süyen
13:30 – 14:10	The ear	Elif Keskinöz
14:20 – 15:00	Auditory pathway and vestibular pathway	Elif Keskinöz
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
17.11.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Visual and auditory pathways _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
10:10 – 10:50	LAB: Visual and auditory pathways _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
11:00 – 11:40	Introduction to central nervous system pharmacology	Filiz Onat
11:50 – 12:30	Drugs altering brain cholinergic neurotransmission	İsmail Hakkı Ulus
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-Journal Club	Ferhal Utku Doğan
15:10 – 15:50	Medical English-Journal Club	Ferhal Utku Doğan
16:00 – 16:40	Medical English-Journal Club	Ferhal Utku Doğan
18.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Cortical and brain stem control of movement; vestibular senses	Güldal Süyen
10:10 – 10:50	Cortical and brain stem control of movement; vestibular senses	Güldal Süyen
11:00 – 11:40	CMPS V: Research in Health/EBM	Figen Demir
11:50 – 12:30	<i>Critical appraisal of a randomized clinical trial</i>	Pınar Topsever
13:30 – 14:10	Clinical problems of peripheral vestibular system	Haluk Özkarakaş
14:20 – 15:00	Central neurophysiology of hearing	Güldal Süyen
15:10 – 15:50	Conductive and sensorineural hearing problems	Safer Arif Ulugbil
16:00 – 16:40	Study time	
19.11.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	EEG (MI&BT-II)	Mehmet Ergen
10:10 – 10:50	Audiogram and Vestibular Tests (MI&BT-II)	Haluk Özkarakaş
11:00 – 11:40	Drugs altering brain catecholaminergic neurotransmission	İsmail Hakkı Ulus
11:50 – 12:30	Drugs altering serotonergic and histaminergic neurotransmission	İsmail Hakkı Ulus
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü
20.11.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Physiology of sleep	Güldal Süyen
10:10 – 10:50	Physiology of sleep	Güldal Süyen
11:00 – 11:40	Circadian rhythms	Güldal Süyen
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	Group A: EEG Elif Ilgaz Aydınlar, Yıldız Kaya (Acıbadem Maslak Hospital)	Group B: Audiogram and Vestibular Tests Haluk Özkarakaş (Acıbadem Kadıköy Hospital), Ömer Faruk Ünal (Acıbadem Maslak Hospital)

23.11.2015 MONDAY		
08:30 – 09:10	Study time	
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	Signs and symptoms in Neurology	Çiğdem Doğulu
11:50 – 12:30	Signs and symptoms in Neurology	Çiğdem Doğulu
13:30 – 14:10	Biochemical aspects of neurological disease	Mustafa Serteser
14:20 – 15:00	Biochemical aspects of neurological disease	Mustafa Serteser
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

24.11.2015 TUESDAY		
08:30 – 09:10		
09:20 – 10:00	CMPS V: Research in Health /EBM-EXAMINATION	
10:10 – 10:50	Mood disorders	Cem İncesu
11:00 – 11:40	Mood disorders	Cem İncesu
11:50 – 12:30	Drugs for mood disorders	İsmail Hakkı Ulus
13:30 – 14:10	Nervous system infections	Murat Aksu
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü

25.11.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Diagnosis in psychiatry and classification of mental disorders	Kültegin Ögel
10:10 – 10:50	CMPS V: Research in Health/EBM <i>Critical appraisal of a cohort study</i>	Figen Demir, Pınar Topsever
11:00 – 11:40	Study time	
11:50 – 12:30	Study time	
13:30 – 14:10	Acute Meningitis	Sesin Kocagöz
14:20 – 15:00	Acute Meningitis	Sesin Kocagöz
15:10 – 15:50	Chronic Meningitis	Tanıl Kocagöz
16:00 – 16:40	Study time	

26.11.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Headache	Elif Ilgaz Aydınlar
10:10 – 10:50	Headache	Elif Ilgaz Aydınlar
11:00 – 11:40	Drugs for headache	İsmail Hakkı Ulus
11:50 – 12:30	Symptom management of “headache” in primary care	Demet Dinç
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	ENG 301 MID-TERM EXAMINATION	
16:00 – 16:40		

27.11.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Encephalitis	Sesin Kocagöz
10:10 – 10:50	Encephalitis	Sesin Kocagöz
11:00 – 11:40	Toxic and acquired metabolic diseases	Ümit İnce
11:50 – 12:30	Infections; Transmissible Spongiform Encephalopathies (Prion Diseases)	Ümit İnce
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	Zafer Berkman
15:10 – 15:50	Group B: EEG Elif Ilgaz Aydınlar, Yıldız Kaya (Acıbadem Maslak Hospital)	Group A: Audiogram and Vestibular Tests Haluk Özkarakaş (Acıbadem Kadıköy Hospital), Ömer Faruk Ünal (Acıbadem Maslak Hospital)
16:00 – 16:40		

30.11.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 305 EXAMINATION	
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 14:10	Anxiety disorders	Cem İncesu
14:20 – 15:00	Anxiety disorders	Cem İncesu
15:10 – 15:50	Basic pathology of CNS	Hale Kırımlıoğlu
16:00 – 16:40	Genetic metabolic diseases	Hale Kırımlıoğlu

01.12.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Epilepsy	Fehim Arman
10:10 – 10:50	Epilepsy	Fehim Arman
11:00 – 11:40	General and local anesthetics	Filiz Onat
11:50 – 12:30	Drugs altering glutamatergic/gabaergic neurotransmission	Filiz Onat
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

02.12.2015 WEDNESDAY		
08:30 – 09:10	Epilepsy in childhood	Ugur Işık
09:20 – 10:00	Developmental delay/mental retardation	Uğur Işık
10:10 – 10:50	CMPS V: Research in Health / EBM <i>Critical appraisal of a case control study</i>	Figen Demir, Pınar Topsever
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Cerebrovascular disease	Dilaver Kaya
14:20 – 15:00	Cerebrovascular disease	Dilaver Kaya
15:10 – 15:50	Cerebrovascular diseases	Ümit İnce
16:00 – 16:40	Study time	

03.12.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Drugs for convulsions and epilepsies	Filiz Onat
10:10 – 10:50	Drugs for convulsions and epilepsies	Filiz Onat
11:00 – 11:40	Schizophrenia and other psychotic disorders	Kültegin Ögel
11:50 – 12:30	Substance related disorders	Kültegin Ögel
13:30 – 14:10	Pathology of CNS tumors	Hale Kırımlıoğlu
14:20 – 15:00	Pathology of CNS tumors	Hale Kırımlıoğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

04.12.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Autoimmune and demyelinating disease of the nervous system	Ayşe Kocaman Sağduyu
10:10 – 10:50	Autoimmune and demyelinating disease of the nervous system	Ayşe Kocaman Sağduyu
11:00 – 11:40	Degenerative diseases	Hale Kırımlıoğlu
11:50 – 12:30	Demyelinating diseases	Hale Kırımlıoğlu
13:30 – 14:10	Surgery of cerebrovascular diseases	Zafer Berkman
14:20 – 15:00	Head traumas	Zafer Berkman
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

07.12.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Approach to the patient with blurred consciousness in primary care	Demet Dinç
10:10 – 10:50	Sectional anatomy of CT, DSA and MRI of the brain and clinic radiological algorithm	Alp Dinçer
11:00 – 11:40	X-ray; sectional anatomy of CT, DSA and MRI of the spine and clinic radiological algorithm	Alp Dinçer
11:50 – 12:30	Study time	
13:30 – 14:10	Neuromuscular disorders	Uğur Işık
14:20 – 15:00	Cerebral palsy	Uğur Işık
15:10 – 15:50	Diagnostic procedures in neurosurgery	M Necmettin Pamir
16:00 – 16:40	Intracranial tumors	M Necmettin Pamir

08.12.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Mechanism of pain	Meltem Açıl
10:10 – 10:50	Modulation and control of pain	Serpil Ustalar Özgen
11:00 – 11:40	Drugs altering opioidergic neurotransmission:opioid analgesics	Filiz Onat
11:50 – 12:30	Drugs altering opioidergic neurotransmission:opioid analgesics	Filiz Onat
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü

09.12.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Muscle and neuromuscular junction disease	Pınar Yalınay
10:10 – 10:50	Peripheral nerve disorders	Pınar Yalınay
11:00 – 11:40	CMPS V: Research in Health /EBM	Figen Demir
11:50 – 12:30	<i>Methodological studies</i>	Pınar Topsever
13:30 – 14:10	Motor neuron disorders	Elif Ilgaz Aydınlar
14:20 – 15:00	Pain relief by surgical methods	Selçuk Peker
15:10 – 15:50	Stereotactic and functional neurosurgery	Selçuk Peker
16:00 – 16:40	Study time	

10.12.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Disorders of consciousness and coma	Geysu Karlıkaya
10:10 – 10:50	Drugs for neurodegenerative diseases	İsmail Hakkı Ulus
11:00 – 11:40	Hypnotics and sedatives	İsmail Hakkı Ulus
11:50 – 12:30	Dementia	Yıldız Kaya
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü

11.12.2015 FRIDAY		
08:30 – 09:10	Implants and tissue engineering applications for nervous system disorders (MI&BT-II)	Deniz Yücel
09:20 – 10:00	Implants and tissue engineering applications for nervous system disorders (MI&BT-II)	Deniz Yücel
10:10 – 10:50	Dementia, delirium, amnesic and other cognitive disorders	Cem İncesu
11:00 – 11:40	Psychotherapies	Burcu Göktan Yavuz
11:50 – 12:30	Psychiatric emergencies	Burcu Göktan Yavuz
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Pediatric intracranial tumors	Koray Özduman
16:00 – 16:40	Increased intracranial pressure	Koray Özduman

14.12.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Pathology of peripheral nerve and muscle	Ümit İnce
11:00 – 11:40	Pathology of peripheral nerve and muscle	Ümit İnce
11:50 – 12:30	Malformations and developmental diseases	Ümit İnce
13:30 – 14:10	Nuclear Medicine in Neurological and Psychiatric Diagnosis	Erkan Vardereci
14:20 – 15:00	X-ray; sectional anatomy of CT, DSA and MRI of the Head and Neck and clinic radiological algorithm	Simay Kara
15:10 – 15:50	Spinal cord compression syndromes	Koray Özduman
16:00 – 16:40	Pediatric neurosurgery	Koray Özduman
15.12.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Alcohol, nicotine, stimulants and drug addiction	Filiz Onat
10:10 – 10:50	Drugs for psychosis and mania	Filiz Onat
11:00 – 11:40	Genetic basis of neurological diseases	Cemaliye Akyerli Boylu
11:50 – 12:30	Genetic basis of neurological diseases	Cemaliye Akyerli Boylu
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu
16.12.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS V: Research in Health /EBM <i>Critical appraisal of a methodological study</i>	Figen Demir Pınar Topsever
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 15:00	Surgery of peripheral nerves	H. Ibrahim Sun
15:10 – 15:50	Spinal cord traumas	Serdar Özgen
16:00 – 16:40	Disc herniations	Serdar Özgen
17.12.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Spinal cord pathology	Hale Kırımlıoğlu
10:10 – 10:50	Pineal gland pathology	Hale Kırımlıoğlu
11:00 – 11:40	Cerebral edema, hydrocephalus and raised intracranial pressure and herniation and; Trauma	Hale Kırımlıoğlu
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu
18.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

21.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

22.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

23.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

24.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

25.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

28.12.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 305 THEORETICAL EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MED 305 PRACTICAL EXAMINATION	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

29.12.2015 TUESDAY		
08:30 – 09:10	Introduction to MED 307 Subject Committee: Growth, Development & Endocrine Disorders	Özlem Sezgin Meriçliler, Emel Baloğlu
09:20 – 10:00	Histology of the pituitary gland, pineal gland, and endocrine pancreas	Serap Arbak
10:10 – 10:50	General principles of hormone action	Muhittin Serdar
11:00 – 11:40	General principles of hormone action	Muhittin Serdar
11:50 – 12:30	Mechanism and signal transduction and hormone action	Muhittin Serdar
13:30 – 14:10	The structure and classification of hormones	Muhittin Serdar
14:20 – 15:00	Medical English-Journal Club	Yasemin Alanay
15:10 – 15:50	Medical English-Journal Club	Yasemin Alanay
16:00 – 16:40	Medical English-Journal Club	Yasemin Alanay

30.12.2015 WEDNESDAY		
08:30 – 09:10	Hypothalamic-pituitary axis; pituitary hormones	Melike Şahiner
09:20 – 10:00	Hypothalamic-pituitary axis; pituitary hormones	Melike Şahiner
10:10 – 10:50	Growth hormone	Melike Şahiner
11:00 – 12:30	CMPS V: Research in Health /EBM <i>Critical appraisal of a meta-analysis</i>	Figen Demir Pınar Topsever
13:30 – 16:40	CMPS V:Advanced Communication Skills <i>Introduction to Advanced Communication Skills</i> <ul style="list-style-type: none"> • <i>Difficult patient encounters</i> • <i>Breaking bad news</i> • <i>Initiating behavior change, motivational interviewing</i> 	Pınar Topsever, Şirin Parkan, Yasemin Alanay, Kültegin Ögel

31.12.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

01.01.2016 FRIDAY		
	HOLIDAY	

04.01.2016 MONDAY		
08:30 – 09:10	Growth and Development (Interactive Module)	
09:20 – 10:00	Growth and Development (Interactive Module)	
10:10 – 10:50	Biosynthesis and metabolism of somatotropin and growth factors	Fehime Aksungar
11:00 – 11:40	Thyroid and parathyroid gland anatomy	Elif Keskinöz
11:50 – 12:30	Thyroid hormones	Melike Şahiner
13:30 – 14:10	Histology of the thyroid, parathyroid and adrenal gland	Serap Arbak
14:20 – 15:00	Development of endocrine organs	Serap Arbak
15:10 – 15:50	Biosynthesis and metabolism of thyroid hormones	Aysel Özpınar
16:00 – 16:40	Hereditary basis of growth hormone deficiency	Cengiz Yakıcıer

05.01.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: thyroid and parathyroid gland anatomy_ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
10:10 – 10:50	LAB: thyroid and parathyroid gland anatomy_ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
11:00 – 11:40	Thyroid gland diseases	Özlem Çelik
11:50 – 12:30	Thyroid gland diseases	Özlem Çelik
13:30 – 14:10	Pathology of thyroid and parathyroid diseases	Ümit İnce
14:20 – 15:00	Pathology of thyroid and parathyroid diseases	Ümit İnce
15:10 – 15:50	Pathology of thyroid and parathyroid diseases	Ümit İnce
16:00 – 16:40	Pituitary hormones and hypothalamic releasing factors	Emel Baloğlu

06.01.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00		
10:10 – 10:50	CMPS V: Advanced Communication Skills	
11:00 – 11:40	<i>Simulated patient encounters, difficult patients; initiating behaviour change</i>	
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00	CMPS V: Advanced Communication Skills	
15:10 – 15:50	<i>Simulated patient encounters, difficult patients; initiating behaviour change</i>	
16:00 – 16:40		

07.01.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Thyroid hormones and antithyroid drugs	İsmail Hakkı Ulus
10:10 – 10:50	Thyroid hormones and antithyroid drugs	İsmail Hakkı Ulus
11:00 – 11:40	Anterior pituitary diseases	Duygu Yazgan Aksoy
11:50 – 12:30	Anterior pituitary diseases	Duygu Yazgan Aksoy
13:30 – 14:10	Posterior pituitary diseases	Duygu Yazgan Aksoy
14:20 – 15:00	Posterior pituitary diseases	Duygu Yazgan Aksoy
15:10 – 15:50	Approach to thyroid disorders in primary care	Efe Onganer
16:00 – 16:40	Study time	

08.01.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Radiotherapy instruments (MI&BT-II)	Enis Özyar
10:10 – 10:50	Pathology of pituitary and hypothalamus	İlker Akpolat
11:00 – 11:40	Pathology of pituitary and hypothalamus	İlker Akpolat
11:50 – 12:30	Sectional anatomy of CT and MRI of the pituitary and the hypo-thalamic axis and clinic radiological algorithm	Simay Kara
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	Group A: Radiotherapy Instruments Enis Özyar (Acıbadem Maslak Hospital)	Group B: PET and other instruments used in nuclear medicine Erkan Vardareli (Acıbadem Kozyatağı Hospital), Levent Güner (Acıbadem Maslak Hospital)

11.01.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Study time	
11:00 – 11:40	MED 307 EXAMINATION	
11:50 – 12:30		
13:30 – 14:10	Pancreas and adrenal gland anatomy	Elif Keskinöz
14:20 – 15:00	Endocrine functions of the pancreas	Melike Şahiner
15:10 – 15:50	Biosynthesis and metabolism of pancreatic hormones	Fehime Aksungar
16:00 – 16:40	Biosynthesis and metabolism of pancreatic hormones	Fehime Aksungar
12.01.2016 TUESDAY		
08:30 – 09:10	Endocrine pancreas and diabetes mellitus	Ender Arıkan
09:20 – 10:00	Endocrine pancreas and diabetes mellitus	Ender Arıkan
10:10 – 10:50	Endocrine pancreas and diabetes mellitus	Ender Arıkan
11:00 – 11:40	Genetic basis of diabetes mellitus	Deniz Ağırbaşı
11:50 – 12:30	Pathology of the endocrine pancreas	Özlem Aydın
13:30 – 14:10	Primary care approach to impaired glucose homeostasis	Şirin Parkan
14:20 – 15:00	Approach to the patient with metabolic syndrome and DM in primary care	Pınar Topsever
15:10 – 15:50	LAB: pancreas and adrenal gland anatomy_ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
16:00 – 16:40	LAB: pancreas and adrenal gland anatomy_ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
13.01.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00		
10:10 – 10:50	CMPS V: Advanced Communication Skills	
11:00 – 11:40	<i>Simulated patient encounters, difficult patients; initiating behaviour change</i>	
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00	CMPS V: Advanced Communication Skills	
15:10 – 15:50	<i>Simulated patient encounters, difficult patients; initiating behaviour change</i>	
16:00 – 16:40		
14.01.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Pharmacology of endocrine pancreas: insulin, oral hypoglycemic agents	Filiz Onat
10:10 – 10:50	Pharmacology of endocrine pancreas: insulin, oral hypoglycemic agents	Filiz Onat
11:00 – 11:40	Adrenal gland hormones	Melike Şahiner
11:50 – 12:30	Adrenal gland hormones	Melike Şahiner
13:30 – 14:10	Biosynthesis and metabolism of steroid hormones	Fehime Aksungar
14:20 – 15:00	Hypoglycemic disorders	Özlem Sezgin Meriçliler
15:10 – 15:50	LAB: Histology of the pituitary gland, pineal gland, endocrine pancreas, thyroid, parathyroid and adrenal gland_ Group B	S. Arbak, D. Yücel
16:00 – 16:40	LAB: Histology of the pituitary gland, pineal gland, endocrine pancreas, thyroid, parathyroid and adrenal gland_ Group A	S. Arbak, D. Yücel
15.01.2016 FRIDAY		
08:30 – 09:10	Type 1 diabetes and its biophysicosocial dimensions	Serap Semiz
09:20 – 10:00	Growth disorders in childhood	Serap Semiz
10:10 – 10:50	Pathology of the adrenal cortex and medulla	Özlem Aydın
11:00 – 11:40	Pathology of the adrenal cortex and medulla	Özlem Aydın
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	Group B: Radiotherapy Instruments Enis Özyar (Acıbadem Maslak Hospital)	Group A: PET and other instruments used in nuclear medicine Erkan Vardareli (Acıbadem Kozyatağı Hospital), Levent Güner (Acıbadem Maslak Hospital)

18.01.2016 MONDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Growth and Development (Interactive Module)	
10:10 – 10:50	Growth and Development (Interactive Module)	
11:00 – 11:40	Biosynthesis and metabolism of adrenal medulla hormones	Fehime Aksungar
11:50 – 12:30	Study time	
13:30 – 14:10	Adrenal cortex diseases	Rüştü Serter
14:20 – 15:00	Adrenal cortex diseases	Rüştü Serter
15:10 – 15:50	Adrenal medulla diseases	Rüştü Serter
16:00 – 16:40	Adrenal medulla diseases	Rüştü Serter

19.01.2016 TUESDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Adrenocortical hormones and their antagonists	İsmail Hakkı Ulus
10:10 – 10:50	Adrenocortical hormones and their antagonists	İsmail Hakkı Ulus
11:00 – 11:40	Malnutrition	Pınar Topsever
11:50 – 12:30	Assessment of nutrition in adults	Neslihan Kurtulmuş
13:30 – 14:10	Body fat and lipid metabolism	Özlem Sezgin Meriçliler
14:20 – 15:00	Body fat and lipid metabolism	Özlem Sezgin Meriçliler
15:10 – 15:50		Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç,
16:00 – 16:40	CMPS V:Advanced Communication Skills <i>Tutor feed-back sessions for SP encounter</i>	Şirin Parkan, Efe Onganer, Işıl Pakişi, Deniz Ağırbaşlı

20.01.2016 WEDNESDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Metabolism of inorganic compounds	Aysel Özpınar
10:10 – 10:50	Biosynthesis and metabolism of hormones that regulate calcium metabolism	Aysel Özpınar
11:00 – 11:40	Genetic metabolic syndromes and dysmorphology	Yasemin Alanay
11:50 – 12:30	Sectional anatomy of US, CT and MRI of thyroid, parathyroid and surrenal glands and clinic radiological algorithm	Ümit Özcan
13:30 – 14:10	Multiple endocrine neoplasia	Ender Arıkan
14:20 – 15:00	Paraendocrine and neoplastic syndromes	Ender Arıkan
15:10 – 15:50		Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç,
16:00 – 16:40	CMPS V:Advanced Communication Skills <i>Tutor feed-back sessions for SP encounter</i>	Şirin Parkan, Efe Onganer, Işıl Pakişi, Deniz Ağırbaşlı

21.01.2016 THURSDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Metabolic effects of vitamins and micronutrients	Aysel Özpınar
10:10 – 10:50	Metabolic effects of vitamins and micronutrients	Aysel Özpınar
11:00 – 11:40	Vitamins and other nutritional factors	İsmail Hakkı Ulus
11:50 – 12:30		
13:30 – 14:10	Nuclear Medicine in Endocrine Disorders	Ahmet Levent Güner
14:20 – 15:00	Nuclear Medicine in Endocrine Disorders	Ahmet Levent Güner
15:10 – 16:40	CMPS V:Advanced Communication Skills <i>Tutor feed-back sessions for SP encounter</i>	Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç, Şirin Parkan, Efe Onganer, Işıl Pakişi, Deniz Ağırbaşlı

22.01.2016 FRIDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Community nutrition	Yeşim Yasin
10:10 – 10:50	Breast feeding	Yeşim Yasin
11:00 – 11:40	Hormones and disorders of mineral metabolism	Şebnem Aktaran
11:50 – 12:30	Hormones and disorders of mineral metabolism	Şebnem Aktaran
13:30 – 14:10	Metabolic bone diseases	Şebnem Aktaran
14:20 – 15:00	Endocrine hypertension	Şebnem Aktaran
15:10 – 16:40	CMPS V:Advanced Communication Skills <i>Tutor feed-back sessions for SP encounter</i>	Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç, Şirin Parkan, Efe Onganer, Işıl Pakişi, Deniz Ağırbaşlı

25.01.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Growth and Development (Interactive Module)	
10:10 – 10:50	Growth and Development (Interactive Module)	
11:00 – 11:40	Calcium and bone disorders in children	Serap Semiz
11:50 – 12:30	Development of reproductive system and puberty	Serap Semiz
13:30 – 14:10	Active case finding of endocrine disorders in childhood in primary care	Demet Dinç
14:20 – 15:00	Primary care management of overweight and obesity	Şirin Parkan
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

26.01.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00		
15:10 – 15:50	ENG 301 EXAMINATION	
16:00 – 16:40		

27.01.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

28.01.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

29.01.2015 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

01.02.2016 MONDAY		
08:30 – 09:10	MED 309 CMPS V EXAMINATION	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
02.02.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
03.02.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
04.02.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
05.02.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 307 THEORETICAL EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MED 307 PRACTICAL EXAMINATION	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		



ACIBADEM
UNIVERSITY



YEAR 3 SPRING G SEM ESTRE SCHED ULE

22.02.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00	Introduction to MED 304 Subject Committee: Gastrointestinal System and Related Disorders	Özdal Ersoy, Elif Keskinöz
10:10 – 10:50	General principles of gastrointestinal function; digestion in the mouth	Meltem Kolgazi
11:00 – 11:40	General principles of gastrointestinal function; digestion in the mouth	Meltem Kolgazi
11:50 – 12:30	Anatomy of the oral cavity and salivary gland	Alp Bayramoğlu
13:30 – 14:10	Anatomy of the oral cavity and salivary glands	Alp Bayramoğlu
14:20 – 15:00	Temporomandibular joint, muscles of mastication	Mustafa Aktekin
15:10 – 15:50	Esophagus and Stomach	Mustafa Aktekin
16:00 – 16:40	Histology of the Upper Digestive System	Serap Arbak
23.02.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Motor and secretory functions of the stomach	Meltem Kolgazi
10:10 – 10:50	Digestion in the stomach	Meltem Kolgazi
11:00 – 11:40	Small bowel	Alp Bayramoğlu
11:50 – 12:30	Large bowel	Elif Keskinöz
13:30 – 14:10	Rectum and anal canal	Mustafa Aktekin
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü
24.02.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Regulation of feeding	Meltem Kolgazi
10:10 – 10:50	Secretions of exocrine pancreas and gall bladder	Meltem Kolgazi
11:00 – 12:30	CMPS VI: Health and Society: <i>Introduction to CMPS VI, Orientation PHC Field Study</i>	Pınar Topsever Figen Demir
13:30 – 14:10	LAB: Anatomy I _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
14:20 – 15:00	LAB: Anatomy I _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
15:10 – 15:50	LAB: Anatomy I _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
16:00 – 16:40	LAB: Anatomy I _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
25.02.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Anatomy II _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
10:10 – 10:50	LAB: Anatomy II _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
11:00 – 11:40	Motor and secretory functions of the small intestine	Meltem Kolgazi
11:50 – 12:30	Digestion and absorption in the small intestine	Meltem Kolgazi
13:30 – 14:10	Motor and secretory functions and absorption in the large intestine; defecation	Meltem Kolgazi
14:20 – 15:00	Biochemical aspects of nutrition	Fehime Aksungar
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
04.03.2016 FRIDAY		
08:30 – 09:10	Digestion and absorption of nitrogenous compounds, carbohydrates and fat	Mustafa Serteser
09:20 – 10:00	Digestion and absorption of nitrogenous compounds, carbohydrates and fat	Mustafa Serteser
10:10 – 10:50	Gastric, intestinal and pancreatic function tests	Mustafa Serteser
11:00 – 11:40	Histology of the Lower Digestive System	Serap Arbak
11:50 – 12:30	Histology of the Lower Digestive System	Serap Arbak
13:30 – 14:10	LAB: Histology of the Upper Digestive System _ Group A	S. Arbak, D.Yücel
14:20 – 15:00	LAB: Histology of the Upper Digestive System _ Group A	S. Arbak, D.Yücel
15:10 – 15:50	LAB: Histology of the Upper Digestive System _ Group B	S. Arbak, D.Yücel
16:00 – 16:40	LAB: Histology of the Upper Digestive System _ Group B	S. Arbak, D.Yücel

29.02.2016 MONDAY		
08:30 – 09:10	Interactive Module	
09:20 – 10:00	Interactive Module	
10:10 – 10:50	Metabolism of nucleotides	Abdurrahman Coşkun
11:00 – 11:40	Histology of the Glands of the Digestive System	Serap Arbak
11:50 – 12:30	Histology of the Glands of the Digestive System	Serap Arbak
13:30 – 14:10	LAB: Histology of the Lower Digestive System _ Group B	S. Arbak, D.Yücel
14:20 – 15:00	LAB: Histology of the Lower Digestive System _ Group B	S. Arbak, D.Yücel
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

01.03.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Peritoneum, inguinal region	Alp Bayramoğlu
10:10 – 10:50	Peritoneum, inguinal region	Alp Bayramoğlu
11:00 – 11:40	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman Coşkun
11:50 – 12:30	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman Coşkun
13:30 – 14:10	Liver, spleen & portal system	Elif Keskinöz
14:20 – 15:00	Liver, spleen & portal system	Elif Keskinöz
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

02.03.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

25.02.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Anatomy III _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
10:10 – 10:50	LAB: Anatomy III _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
11:00 – 11:40	Heme synthesis and disorders	Abdurrahman Coşkun
11:50 – 12:30	Detoxification mechanism	Abdurrahman Coşkun
13:30 – 14:10	LAB: Histology of the Glands of the Digestive System _ Group B	S. Arbak, D.Yücel
14:20 – 15:00	LAB: Histology of the Glands of the Digestive System _ Group B	S. Arbak, D.Yücel
15:10 – 15:50	LAB: Histology of the Glands of the Digestive System _ Group A	S. Arbak, D.Yücel
16:00 – 16:40	LAB: Histology of the Glands of the Digestive System _ Group A	S. Arbak, D.Yücel

04.03.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Gastroesophageal reflux disease	Özdal Ersoy
10:10 – 10:50	Peptic ulcer disease	Özdal Ersoy
11:00 – 11:40	Biochemical aspects of carbohydrate metabolism disorders	Muhittin Serdar
11:50 – 12:30	Biochemical aspects of carbohydrate metabolism disorders	Muhittin Serdar
13:30 – 14:10	Development of the digestive system	Serap Arbak
14:20 – 15:00	Development of the digestive system	Serap Arbak
15:10 – 15:50	LAB: Histology of the Lower Digestive System _ Group A	S. Arbak, D.Yücel
16:00 – 16:40		

07.03.2016 MONDAY		
08:30 – 09:10	Interactive Module	
09:20 – 10:00	Interactive Module	
10:10 – 10:50	Pathology of oral cavity and salivary glands	Yeşim Sağlıcan
11:00 – 11:40	Pathology of oral cavity and salivary glands	Yeşim Sağlıcan
11:50 – 12:30	Pathology of esophagus	Yeşim Sağlıcan
13:30 – 14:10	Functional GI disease	Özdal Ersoy
14:20 – 15:00	Functional GI disease	Özdal Ersoy
15:10 – 15:50	Pathology of gastritis and peptic ulcer	İlkser Akpolat
16:00 – 16:40	Pathology of gastritis and peptic ulcer	İlkser Akpolat

08.03.2016 TUESDAY		
08:30 – 09:10	Antiemetics	İsmail Hakkı Ulus
09:20 – 10:00	Tumors of upper GI system	Eser Kutsal
10:10 – 10:50	Tumors of upper GI system	Eser Kutsal
11:00 – 11:40	Tumors of the small bowel	Eser Kutsal
11:50 – 12:30	Neoplastic diseases of the stomach	Ümit İnce
13:30 – 14:10	Neoplastic diseases of the stomach	Ümit İnce
14:20 – 15:00	Medical English-Journal Club	Nurdan Tözün
15:10 – 15:50	Medical English-Journal Club	Nurdan Tözün
16:00 – 16:40	Medical English-Journal Club	Nurdan Tözün

09.03.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

10.03.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Gastrointestinal endoscopic systems (MI&BT-II)	Murat Saruç
10:10 – 10:50	Acute viral hepatitis	Nurdan Tözün
11:00 – 11:40	Acute viral hepatitis	Nurdan Tözün
11:50 – 12:30	Virology of hepatitis	Sesin Kocagöz
13:30 – 14:10	Drugs for the therapy of acid peptic diseases	Emel Baloğlu
14:20 – 15:00	Drugs for the therapy of acid peptic diseases	Emel Baloğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

11.03.2016 FRIDAY		
08:30 – 09:10	Bilirubin metabolism in infancy	Serdar Beken
09:20 – 10:00	Hepatomegaly in childhood	Mahir Gülcan
10:10 – 10:50	Chronic Hepatitis	Nurdan Tözün
11:00 – 11:40	Chronic Hepatitis	Nurdan Tözün
11:50 – 12:30	Biochemical assessment of liver function	Eser Kutsal
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	Group A: <i>Gastrointestinal endoscopic systems</i>	Group B: <i>Study time</i>
16:00 – 16:40	Bahattin Çiçek (ACU CASE)	

14.03.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Liver cirrhosis	Nurdan Tözün
10:10 – 10:50	Liver cirrhosis	Nurdan Tözün
11:00 – 11:40	Physicians Day Ceremony	
11:50 – 12:30		
13:30 – 14:10	Pathology of acute and chronic hepatitis	Hale Kırımlıoğlu
14:20 – 15:00	Pathology of acute and chronic hepatitis	Hale Kırımlıoğlu
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

15.03.2016 TUESDAY		
08:30 – 09:10	Drugs for constipation and diarrhea	Emel Baloğlu
09:20 – 10:00	Drugs affecting secretory and motor functions of GI system	Emel Baloğlu
10:10 – 10:50	Metabolic liver diseases	Hale Kırımlıoğlu
11:00 – 11:40	Metabolic liver diseases	Hale Kırımlıoğlu
11:50 – 12:30	Pathology of circulatory disorders of liver	Hale Kırımlıoğlu
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

16.03.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

17.03.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Metals and the liver	Nurten Türkel
10:10 – 10:50	Tumors of the liver	Nurten Türkel
11:00 – 11:40	Viral hepatitis in childhood	Mahir Gülcan
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

18.03.2016 FRIDAY		
08:30 – 09:10	Alcoholic and nonalcoholic liver diseases	Bülent Değertekin
09:20 – 10:00	Drug induced liver disease	Bülent Değertekin
10:10 – 10:50	Malabsorption syndromes	Bülent Değertekin
11:00 – 11:40	CMPS-VI: Health and Society/ <i>Health Economics</i>	Haluk Özşarı
11:50 – 12:30	<i>Introduction to health economics</i>	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	Group B: <i>Gastrointestinal endoscopic systems</i> Eser Kutsal (ACU CASE)	Group A: <i>Study time</i>

21.03.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 304 EXAMINATION	
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 14:10	Morphological patterns of hepatic injury and cirrhosis	Hale Kırımlioğlu
14:20 – 15:00	Morphological patterns of hepatic injury and cirrhosis	Hale Kırımlioğlu
15:10 – 15:50		
16:00 – 16:40	Interactive Module	

22.03.2016 TUESDAY		
08:30 – 09:10	Drug and toxin induced liver disease	Hale Kırımlioğlu
09:20 – 10:00	Pathology of intrahepatic biliary tract diseases	Hale Kırımlioğlu
10:10 – 10:50	Pathology of hepatic nodules and tumors	Hale Kırımlioğlu
11:00 – 11:40	Acute and chronic pancreatitis	Murat Saruç
11:50 – 12:30	Acute and chronic pancreatitis	Murat Saruç
13:30 – 14:10	Acute and chronic pancreatitis	Murat Saruç
14:20 – 15:00	Medical English-Journal Club	İkbal Agah İnce
15:10 – 15:50	Medical English-Journal Club	İkbal Agah İnce
16:00 – 16:40	Medical English-Journal Club	İkbal Agah İnce

23.03.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

24.03.2016 THURSDAY		
08:30 – 09:10	Drugs used in biliary and pancreatic diseases	İsmail Hakkı Ulus
09:20 – 10:00	Sectional anatomy of US, CT and MRI of the liver, pancreas and the biliary system	Erdem Yıldız
10:10 – 10:50	Tumors of the pancreas and biliary system	Bahattin Çiçek
11:00 – 11:40	Benign or malignant neoplasm of the colon	Bahattin Çiçek
11:50 – 12:30	Pathology of exocrine pancreas, gall bladder and appendix	Hale Kırımlioğlu
13:30 – 14:10	Tumors of small and large intestine	Yeşim Sağlıcan
14:20 – 15:00	Tumors of small and large intestine	Yeşim Sağlıcan
15:10 – 15:50		
16:00 – 16:40	ENG 302 MID-TERM EXAMINATION	

25.03.2016 FRIDAY		
08:30 – 09:10	Inflammatory bowel disease	Nurdan Tözün
09:20 – 10:00	Inflammatory bowel disease	Nurdan Tözün
10:10 – 10:50	Inflammatory bowel disease	Ümit İnce
11:00 – 11:40	CMPS-VI: Health and Society/ <i>Health Economics</i>	Haluk Özseri
11:50 – 12:30	<i>Supply of health</i>	
13:30 – 14:10	Digestive system malformations in children	Latif Abbasoğlu
14:20 – 15:00	Acute abdominal disease in children	Latif Abbasoğlu
15:10 – 15:50	Gallstone disease	Fatih Oğuz Önder
16:00 – 16:40	Ischemic – diverticular diseases of the bowel	Fatih Oğuz Önder

28.03.2016 MONDAY		
08:30 – 09:10	X-ray; sectional anatomy of CT and MRI of the esophagus, stomach and bowels and clinic radiological algorithm	Sıla Ulus
09:20 – 10:00	Screening and prevention of GIS Cancers	Nurdan Tözün
10:10 – 10:50	Molecular basis of esophagus, stomach and liver cancer	Cengiz Yakıcıer
11:00 – 11:40	Molecular basis of esophagus, stomach and liver cancer	Cengiz Yakıcıer
11:50 – 12:30	Molecular abnormalities in colon cancer	Cengiz Yakıcıer
13:30 – 14:10	Inborn errors of metabolism	Hale Kırımlıoğlu
14:20 – 15:00	Inborn errors of metabolism	Hale Kırımlıoğlu
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
29.03.2016 TUESDAY		
08:30 – 09:10	Sectional anatomy of US, CT and MRI of abdomen and clinic radiological algorithm of abdominal emergency	Özlem Saygılı Barutçu
09:20 – 10:00	Bacterial gastroenteritis and food poisoning	Sesin Kocagöz
10:10 – 10:50	Bacterial gastroenteritis and food poisoning	Sesin Kocagöz
11:00 – 11:40	Drugs used in inflammatory bowel disease	İsmail H. Ulus
11:50 – 12:30	Drugs used in inflammatory bowel disease	İsmail H. Ulus
13:30 – 14:10	Viral gastroenteritis	Tanıl Kocagöz
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu
30.03.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
31.03.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Parasitic gastroenteritis	Özgür Kurt
10:10 – 10:50	Gastroenteritis in childhood	Vildan Ertekin
11:00 – 11:40	Infantile cholestasis	Vildan Ertekin
11:50 – 12:30	Abdominal pain in childhood	Vildan Ertekin
13:30 – 14:10	Abdominal discomfort and emergencies of the GI tract in PHC	Demet Dinç
14:20 – 15:00	Malabsorption syndromes	Mahir Gülcan
15:10 – 15:50	Medical English-Journal Club	Hasan Tanyeri
16:00 – 16:40	Medical English-Journal Club	Hasan Tanyeri
01.04.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Infectious enterocolitis	Özlem Aydın
10:10 – 10:50	Malabsorption syndromes, vascular disorders and diverticular disease	Özlem Aydın
11:00 – 11:40	CMPS-VI: Health and Society/ <i>Health Economics</i>	
11:50 – 12:30	<i>Health Financing</i>	Haluk Özşarı
13:30 – 14:10	Food and water safety	Yeşim Yasin
14:20 – 15:00	Food and water safety	Yeşim Yasin
15:10 – 15:50	Health promotion and primary prevention: Nutrition, life style and GI disorders	Şirin Parkan
16:00 – 16:40	Management of diarrhea and constipation in primary care	Efe Onganer

04.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

05.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

06.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

07.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

08.04.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

11.04.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 304 THEORETICAL EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MED 304 PRACTICAL EXAMINATION	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

12.04.2016 TUESDAY		
08:30 – 09:10	Introduction to MED 306 Subject Committee: Urogenital System and Related Disorders	Serkan Erkanlı-Deniz Ağırbaşı
09:20 – 10:00	Kidney, Ureter, Urinary bladder, Urethra	Elif Keskinöz
10:10 – 10:50	Kidney, Ureter, Urinary bladder, Urethra	Elif Keskinöz
11:00 – 11:40	Histology of the Organs Forming the Urinary System	Serap Arbak
11:50 – 12:30	Histology of the Organs Forming the Urinary System	Serap Arbak
13:30 – 14:10	Congenital Anomalies of Urinary Tract	Özlem Aydın
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

13.04.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

14.04.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Lab: Histology of the Organs Forming the Urinary System _ Group B	S. Arbak, D.Yücel
10:10 – 10:50	Lab: Histology of the Organs Forming the Urinary System _ Group B	S. Arbak, D.Yücel
11:00 – 11:40	Lab: Histology of the Organs Forming the Urinary System _ Group A	S. Arbak, D.Yücel
11:50 – 12:30	Lab: Histology of the Organs Forming the Urinary System _ Group A	S. Arbak, D.Yücel
13:30 – 14:10	Glomerular Filtration	Mehmet Ergen
14:20 – 15:00	Glomerular Filtration	Mehmet Ergen
15:10 – 15:50	LAB: Kidney, Ureter, Urinary bladder, Urethra _ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
16:00 – 16:40	LAB: Kidney, Ureter, Urinary bladder, Urethra _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz

15.04.2016 FRIDAY		
08:30 – 09:10	Gynecologic Endoscopic Systems (MI&BT-II)	Serkan Erkanlı
09:20 – 10:00	Tubular Reabsorption and Secretion	Mehmet Ergen
10:10 – 10:50	Tubular Reabsorption and Secretion	Mehmet Ergen
11:00 – 12:30	CMPS-VI: Health and Society/ <i>Health Economics</i> <i>Government's role in health care</i>	Haluk Özsanı
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	Group A: <i>Artificial Kidney</i>	Group B: <i>Gynecologic Endoscopic Systems</i>
16:00 – 16:40	Gökçen Alış (Acıbadem International Hospital)	Serkan Erkanlı (Acıbadem Kadıköy Hospital)

18.04.2016 MONDAY		
08:30 – 09:10		
09:20 – 10:00	CMPS VI: Comprehensive Medical Practice	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan
10:10 – 10:50	<i>Routine clinical investigation skills training with simulated patient encounters (CASE)</i>	
11:00 – 11:40	<i>Grouping to be announced</i>	
11:50 – 12:30		
13:30 – 14:10	Osmosis, dialysis and molecular filtration (MI&BT-II)	Devrim Öz Arslan
14:20 – 15:00	Renal Function Tests and Urinalysis	Abdurrahman Coşkun
15:10 – 15:50	Renal Function Tests and Urinalysis	Abdurrahman Coşkun
16:00 – 16:40	Study time	

19.04.2016 TUESDAY		
08:30 – 09:10	CMPS VI: Comprehensive Medical Practice	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan
09:20 – 10:50	<i>Routine clinical investigation skills training with simulated patient encounters (CASE)</i>	
11:00 – 12:30	<i>Grouping to be announced</i>	
13:30 – 14:10	Study time	L. Angelo, G. Çiftçiöğlü
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü
16:00 – 16:40	Medical English	

20.04.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

21.04.2016 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	
13:30 – 14:10		
14:20 – 15:00	CMPS VI: Comprehensive Medical Practice	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan
15:10 – 15:50	<i>Routine clinical investigation skills training with simulated patient encounters (CASE)</i>	
16:00 – 16:40	<i>Grouping to be announced</i>	
16:50 – 17:30		

22.04.2016 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Interactive Module	
10:10 – 10:50	Interactive Module	
11:00 – 11:40	CMPS-VI: Health and Society / <i>Health Economics</i>	Haluk Özsarı
11:50 – 12:30	<i>Economic Appraisal</i>	
13:30 – 14:10	Study Time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	<u>Group B:</u> <i>Artificial Kidney</i> Gökçen Alış (Acıbadem International Hospital)	<u>Group A:</u> <i>Gynecologic Endoscopic Systems</i> Serkan Erkanlı (Acıbadem Kadıköy Hospital)
16:00 – 16:40		

25.04.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Micturition	Mehmet Ergen
10:10 – 10:50	Regulation of ECF Ion Concentrations	Mehmet Ergen
11:00 – 11:40	Regulation of ECF Ion Concentrations	Mehmet Ergen
11:50 – 12:30	Study time	
13:30 – 14:10	Sodium and water metabolism	Gökçen Alış
14:20 – 15:00	Sodium and water metabolism	Gökçen Alış
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
26.04.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Lab: Urine Examination _ Group B	A. Özpınar, A. Coşkun
10:10 – 10:50	Lab: Urine Examination _ Group B	A. Özpınar, A. Coşkun
11:00 – 11:40	Lab: Urine Examination _ Group A	A. Özpınar, A. Coşkun
11:50 – 12:30	Lab: Urine Examination _ Group A	A. Özpınar, A. Coşkun
13:30 – 14:10	Development of the Urinary System	Deniz Yücel
14:20 – 15:00	Development of the Urinary System	Deniz Yücel
15:10 – 15:50	Artificial tissue and organs (MI&BT-II)	Beste Kınıkoğlu
16:00 – 16:40	Study time	
27.04.2016 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society <i>Training in PHC</i>	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
28.04.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Agents Affecting Renal Conservation of Water	Filiz Onat
10:10 – 10:50	Agents Affecting Renal Conservation of Water	Filiz Onat
11:00 – 11:40	Acid Base Balance	Mehmet Ergen
11:50 – 12:30	Acid Base Balance	Mehmet Ergen
13:30 – 14:10		Pınar Topsever, Melike Şahiner,
14:20 – 15:00	CMPS VI: Comprehensive Medical Practice	Figen Demir, Demet Dinç,
15:10 – 15:50	<i>Tutor feedback sessions</i>	Şirin Parkan, Efe Onganer,
16:00 – 16:40		Işıl Pakiş, Deniz Ağırbaşı
29.04.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Acid Base Balance	Ülkem Çakır
10:10 – 10:50	Acid Base Balance	Ülkem Çakır
11:00 – 11:40	Approach to glomerular diseases	Sevgi Şahin
11:50 – 12:30	Approach to glomerular diseases	Sevgi Şahin
13:30 – 14:10		Pınar Topsever, Melike Şahiner,
14:20 – 15:00	CMPS VI: Comprehensive Medical Practice	Figen Demir, Demet Dinç,
15:10 – 15:50	<i>Tutor feedback sessions</i>	Şirin Parkan, Efe Onganer,
16:00 – 16:40		Işıl Pakiş, Deniz Ağırbaşı

02.05.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Diabetic nephropathy	Alper Kırkpantur
10:10 – 10:50	Hypertensive kidney disease	Alper Kırkpantur
11:00 – 11:40	Conditions associated with hematuria	Gamze Bereket
11:50 – 12:30	Tubular disorders	Gamze Bereket
13:30 – 14:10	Conditions associated with proteinuria	Gamze Bereket
14:20 – 15:00	Conditions associated with proteinuria	Gamze Bereket
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

03.05.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Pathology of glomerular diseases	Hale Kırımlioğlu
10:10 – 10:50	Pathology of glomerular diseases	Hale Kırımlioğlu
11:00 – 11:40	Pathology of glomerular diseases	Hale Kırımlioğlu
11:50 – 12:30	Pathology of glomerular diseases	Hale Kırımlioğlu
13:30 – 14:10	Nuclear medicine in renal disorders	Levent Güner
14:20 – 15:00	Hereditary basis of renal disorders	Deniz Ağırbaşı
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

04.05.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00		
10:10 – 10:50	CMPS VI: Health and Society	Pınar Topsever, Figen Demir,
11:00 – 11:40	<i>Student reflection session</i>	Yeşim Yasin
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

05.05.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Urologic symptoms and physical examination	Hakan Özveri
10:10 – 10:50	Robotic systems in medicine (MI&BT-II)	Ali Rıza Kural
11:00 – 11:40	Pathology of tubular and interstitial diseases of kidney	Hale Kırımlioğlu
11:50 – 12:30	Pathology of vascular diseases of kidney	Yeşim Sağlıcan
13:30 – 14:10	Acute kidney disease	Sevgi Şahin
14:20 – 15:00	Chronic kidney disease & renal replacement therapies	Ülkem Çakır
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu

06.05.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Interactive module	
10:10 – 10:50	Interactive module	
11:00 – 11:40	CMPS-VI: Health and Society	
11:50 – 12:30	<i>Health Systems and policy</i>	Yeşim Yasin
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	Group A: <i>Robotic systems in medicine</i> Ali Rıza Kural (University)	Group B: <i>In vitro fertilization</i> Tayfun Bağış (Acıbadem Kadıköy Hospital)
16:00 – 16:40		

09.05.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 306 EXAMINATION	
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 14:10	Urinary tract system infections	Tanıl Kocagöz
14:20 – 15:00	Urinary tract system infections	Tanıl Kocagöz
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
10.05.2016 TUESDAY		
08:30 – 09:10	Urologic basic diagnostic modalities	Selçuk Keskin
09:20 – 10:00	Adult and pediatric UTI	Burak Özkan
10:10 – 10:50	Agents for urinary tract infections	Filiz Onat
11:00 – 11:40	Drugs affecting bladder functions	İ. Hakkı Ulus
11:50 – 12:30	Management of the patient with urinary incontinence in primary care	Şirin Parkan
13:30 – 14:10	Stone disease	Bora Özveren
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu
11.05.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Pathology of prostate	Yeşim Sağlıcan
10:10 – 10:50	Pathology of renal tumors	Yeşim Sağlıcan
11:00 – 11:40	Pathology of urinary tract	Yeşim Sağlıcan
11:50 – 12:30		
13:30 – 14:10	Pelvis and perineum	Mustafa Aktekin
14:20 – 15:00	Vessels of pelvis	Mustafa Aktekin
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
12.05.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Pelvis and perineum, vessels of pelvis_ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
10:10 – 10:50		
11:00 – 11:40	LAB: Pelvis and perineum, vessels of pelvis_ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
11:50 – 12:30		
13:30 – 14:10	Pediatric urology	Selçuk Yücel
14:20 – 15:00	Prostate diseases (BPH, prostate cancer and hematuria)	İlter Tüfek
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
13.05.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Interactive module	
10:10 – 10:50	Interactive module	
11:00 – 11:40	CMPS-VI: Health and Society	Yeşim Yasin
11:50 – 12:30	<i>Health Systems and policy</i>	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	Group B:	Group A:
16:00 – 16:40	<i>Robotic systems in medicine</i> Ali Rıza Kural (University)	<i>In vitro fertilization</i> Tayfun Bağış (Acıbadem Kadıköy Hospital)

16.05.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Histology of the organs forming the female reproductive system	Serap Arbak
10:10 – 10:50	Histology of the organs forming the female reproductive system	Serap Arbak
11:00 – 11:40	Female genital organs	Elif Keskinöz
11:50 – 12:30	Male genital organs	Elif Keskinöz
13:30 – 14:10	Female reproductive function	Mehmet Ergen
14:20 – 15:00	Female reproductive function	Mehmet Ergen
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

17.05.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Biochemistry of reproductive hormones	Muhittin Serdar
10:10 – 10:50	Biochemistry of reproductive hormones	Muhittin Serdar
11:00 – 11:40	Estrogens, progestins and contraceptives	İsmail H. Ulus
11:50 – 12:30	Estrogens, progestins and contraceptives	İsmail H. Ulus
13:30 – 14:10	Histology of the organs forming the male reproductive system	Deniz Yücel
14:20 – 15:00	Histology of the organs forming the male reproductive system	Deniz Yücel
15:10 – 15:50	LAB: Female and male genital organs_ Group B	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz
16:00 – 16:40	LAB: Female and male genital organs _ Group A	A. Bayramoğlu, M. Aktekin, E. N. Keskinöz

18.05.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Histology of the organs forming the female reproductive system _ Group A	S. Arbak, D.Yücel
10:10 – 10:50		
11:00 – 11:40	LAB: Histology of the organs forming the female reproductive system _ Group B	S. Arbak, D.Yücel
11:50 – 12:30		
13:30 – 14:10	Gynecologic history taking, pelvic examination and diagnostic modalities	Serkan Erkanlı
14:20 – 15:00	Fertilization, implantation and reproductive immunology	Tayfun Bağış
15:10 – 15:50	Principles of antenatal care and obstetric examination	Derya Eroğlu
16:00 – 16:40	Study time	

19.05.2016 THURSDAY		
	Commemoration Atatürk, Youth and Sports Day	

20.05.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Prenatal diagnosis	M. Cengiz Yakıcıer
10:10 – 10:50	Prenatal diagnosis	M. Cengiz Yakıcıer
11:00 – 11:40	Gestational trophoblastic diseases and placental disorders	Handan Zeren
11:50 – 12:30	Cytology of female reproductive system	Handan Zeren
13:30 – 14:10	Pregnancy physiology	Mehmet Ergen
14:20 – 15:00	Screening tests in pregnancy and diagnostic procedures	Cem Batukan
15:10 – 15:50	Normal labor and delivery	Özlem Pata
16:00 – 16:40	Study time	

23.05.2016 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Physiologic changes in the puerperium	İbrahim Bildirici
10:10 – 10:50	Pathology of vulva, vagina and cervix	Handan Zeren
11:00 – 11:40	Pathology of vulva, vagina and cervix	Handan Zeren
11:50 – 12:30	Male reproductive function	Mehmet Ergen
13:30 – 14:10	Pathology of testis	Yeşim Sağlıcan
14:20 – 15:00	Pathology of testis	Yeşim Sağlıcan
15:10 – 15:50	LAB: Histology of the organs forming the male reproductive system _ Group A	S. Arbak, D.Yücel
16:00 – 16:40		

24.05.2016 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Male sexual dysfunction	Enis Rauf Coşkuner
10:10 – 10:50	Agents for erectile dysfunction	İ.Hakkı Ulus
11:00 – 11:40	Androgens and anti-androgens	Filiz Onat
11:50 – 12:30	Postmenapousal hormone replacement therapy	Filiz Onat
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	ENG 302 COURSE EXAMINATION	
16:00 – 16:40		

25.05.2016 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Congenital infections	Sesin Kocagöz
10:10 – 10:50	Congenital infections	Sesin Kocagöz
11:00 – 11:40	Development of the reproductive system	Serap Arbak
11:50 – 12:30	Development of the reproductive system	Serap Arbak
13:30 – 14:10	Genetic basis of breast and ovarian diseases	Cemaliye Akyerli Boylu
14:20 – 15:00	Sectional anatomy of US, CT and MRI of the male urogenital system and clinic radiological algorithm	Erdem Yıldız
15:10 – 15:50	LAB: Histology of the organs forming the male reproductive system _ Group B	S. Arbak, D.Yücel
16:00 – 16:40		

26.05.2016 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Adolescent health and STD's	Demet Dinç
11:00 – 11:40	Contraception	Tansu Küçük
11:50 – 12:30	Family planning and contraception: counseling and informed choice	Pınar Topsever
13:30 – 14:10	Reproductive health	Yeşim Yasin
14:20 – 15:00	Safe motherhood	Yeşim Yasin
15:10 – 15:50	Pathology of breast	Yeşim Sağlıcan
16:00 – 16:40	Pathology of breast	Yeşim Sağlıcan

27.05.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Sectional anatomy of US, CT and MRI of the female urogenital system and breast imaging; clinic radiological algorithm	Ümit Özcan
10:10 – 10:50	Pathology of nonneoplastic uterine corpus	Handan Zeren
11:00 – 11:40	Pathology of neoplastic uterine corpus	Handan Zeren
11:50 – 12:30	Pathology of ovary and fallopian tubes	Handan Zeren
13:30 – 14:10	Sexually transmitted and other genital infections	Sesin Kocagöz
14:20 – 15:00	Sexually transmitted and other genital infections	Sesin Kocagöz
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

30.05.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

31.05.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

01.06.2016 WEDNESDAY		
08:30 – 09:10	MED 308 CMPS VI PRACTICAL EXAMINATION (CASE)	Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç, Şirin Parkan, Efe Onganer
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MED 308 CMPS VI PRACTICAL EXAMINATION (CASE)	Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç, Şirin Parkan, Efe Onganer
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

02.06.2016 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	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

03.06.2016 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 311 MI&BT-II EXAMINATION	
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	MED 308 CMPS VI THEORETICAL EXAMINATION	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40	Study time	

06.06.2016 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
13:30 – 14:10	Study time
14:20 – 15:00	Study time
15:10 – 15:50	Study time
16:00 – 16:40	Study time

07.06.2016 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
13:30 – 14:10	Study time
14:20 – 15:00	Study time
15:10 – 15:50	Study time
16:00 – 16:40	Study time

08.06.2016 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
13:30 – 14:10	Study time
14:20 – 15:00	Study time
15:10 – 15:50	Study time
16:00 – 16:40	Study time

09.06.2016 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
13:30 – 14:10	Study time
14:20 – 15:00	Study time
15:10 – 15:50	Study time
16:00 – 16:40	Study time

10.06.2016 FRIDAY	
08:30 – 09:10	Study time
09:20 – 10:00	Study time
10:10 – 10:50	
11:00 – 11:40	MED 306 THEORETICAL EXAMINATION
11:50 – 12:30	
13:30 – 14:10	
14:20 – 15:00	MED 306 PRACTICAL EXAMINATION
15:10 – 15:50	
16:00 – 16:40	

SCHOOL OF MEDICINE

Medical Informatics and Biomedical Technologies-II Schedule

Hour(s)	Title	Lecturer(s)	Place
1	Basic Principles of ECG	Evren KILINÇ	Class (A203)
1	Artificial Respiratory and Circulatory Systems	Efe ONGANER	Class (A203)
1	Ventilatory and Other Reanimation Unit Instruments	Efe ONGANER	Class (A203)
3	Group A: Cardiac diagnostic tests: Echocardiography and stress tests; ECG, Cardiac catheterization and coronary angiography	Ali BUTURAK, Seden ERTEN ÇELİK, Ahmet AKYOL, Seçkin SATILMIŞ, Zehra İrem SEZER, Hakan HASDEMİR	ACU CASE
3	Group B: Ventilation and other re-animation equipments; Artificial Respiratory Systems	Fevzi TORAMAN	ACU CASE
3	Group B: Cardiac diagnostic tests: Echocardiography and stress tests; ECG, Cardiac catheterization and coronary angiography	Ali BUTURAK, Seden ERTEN ÇELİK, Ahmet AKYOL, Seçkin SATILMIŞ, Zehra İrem SEZER, Hakan HASDEMİR	ACU CASE
2	Group A: Ventilation and other re-animation equipments; Artificial Respiratory Systems	Fevzi TORAMAN	ACU CASE
1	Cardiovascular Implant Technology and Tissue Engineering Applications	Deniz YÜCEL	Class (A203)
1	EEG	Mehmet ERGEN	Class (A203)
1	Audiogram and Vestibular Tests	Haluk ÖZKARAKAŞ	Class (A203)
3	Group A: EEG	Elif İlgaz AYDINLAR, Yıldız KAYA	Acibadem Maslak Hospital
3	Group B: Audiogram and Vestibular Tests	Haluk ÖZKARAKAŞ	ACU CASE
3	Group B: EEG	Elif İlgaz AYDINLAR, Yıldız KAYA	Acibadem Maslak Hospital
3	Group A: Audiogram and Vestibular Tests	Haluk ÖZKARAKAŞ	ACU CASE
2	Implants and Tissue Engineering Applications for Nervous System Disorders	Deniz YÜCEL	Class (A203)
1	Radiotherapy Instruments	Enis ÖZYAR	Class (A203)
3	Group A: Radiotherapy Instruments	Enis ÖZYAR	Acibadem Maslak Hospital
3	Group B: PET and Other Instruments Used in Nuclear Medicine	Erkan VARDARELİ, Levent GÜNER	Erkan VARDARELİ - Acibadem Kozyatağı Hospital Levent GÜNER - Acibadem Maslak Hospital
3	Group B: Radiotherapy Instruments	Enis ÖZYAR	Acibadem Maslak Hospital
3	Group A: PET and Other Instruments Used in Nuclear Medicine	Erkan VARDARELİ, Levent GÜNER	Erkan VARDARELİ - Acibadem Kozyatağı Hospital Levent GÜNER - Acibadem Maslak Hospital

MED 311 MI&BT-II MID-COMMITTEE EXAMINATION			
1	Gastrointestinal Endoscopic Systems	Murat SARUÇ	Class (A203)
3	Group A: Gastrointestinal Endoscopic Systems	Bahattin ÇİÇEK	ACU CASE
	Group B: Study Time		
3	Group B: Gastrointestinal Endoscopic Systems	Eser KUTSAL	ACU CASE
	Group A: Study Time		
1	Osmosis, Dialysis and Molecular Filtration	Devrim ÖZ ARSLAN	Class (A203)
1	Gynecologic Endoscopic Systems	Serkan ERKANLI	Class (A203)
	Group A: Artificial Kidney	Ülkem ÇAKIR	ACU CASE
3	Group B: Gynecologic Endoscopic Systems	Serkan ERKANLI	ACU CASE
1	Artificial Tissue and Organs	Beste KINIKOĞLU	Class (A203)
	Group B: Artificial Kidney	Ülkem ÇAKIR	ACU CASE
3	Group A: Gynecologic Endoscopic Systems	Serkan ERKANLI	ACU CASE
1	Robotic Systems in Medicine	Ali Rıza KURAL	Class (A203)
	Group A: Robotic Systems in Medicine	Ali Rıza KURAL	ACU CASE
3	Group B: In Vitro Fertilization	Tayfun BAĞIŞ	Acibadem Kadıköy Hospital
	Group B: Robotic Systems in Medicine	Ali Rıza KURAL	ACU CASE
3	Group A: In Vitro Fertilization	Tayfun BAĞIŞ	Acibadem Kadıköy Hospital
MED 311 MI&BT-II SUBJECT COMMITTEE EXAMINATION			
Theoretical and Practical in the Same Session			Theoretical
			Practical

2015-

2016

OTHER

COURSE

INFORM

ATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	36	Credit	ECTS
			Practical (Hour)	81		
Medical English-I & II	ENG 101 & 102	Fall & Spring	Study time (Hour)	40	6	6

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr
Course Coordinators	:	Prof. Sesin Kocagöz sesinsesin@gmail.com Assoc. Prof. Pınar Topsever pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	Lisa J. Angelo, Instructor Gerry Çifçioğlu, Instructor
Course Duration	:	Fall: 29.09. 2015-15.01.2016, Spring: 15.02.-27.05.2016
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.)
Assessment Methods	:	Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations), medical text analysis home works
Course Aims	:	The aim of the “Medical English - I” course is to support the medical curriculum by providing a linguistic introduction to the use of the basic English language for professional activities (including basic scholarly communication) and in daily medical practice.
Learning Outcomes	:	By the end of this course, the students will: <ul style="list-style-type: none"> · be proficient in general medical terminology (daily language and introduction to professional jargon) · be able to comprehend and interpret spoken and written basic English medical language and texts · be able to engage in active basic medical discourse (daily language with patients and their carers (laypeople) and professional jargon with colleagues and other health professionals) · display basic scholarly communication skills (Spring semester) (writing a structured abstract, preparing a poster presentation, preparing and presenting an oral presentation on a simple scientific topic to a professional, as well as, lay audience)

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	40	Credit	ECTS
			Practical (Hour)	81		
Medical English-III &IV	ENG 201 & 202	Fall & Spring	Study time (Hour)	25	6	6

Pre-requirement	:	English advanced level
Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Mustafa AKTEKİN; mustafa.aktekin@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr
Course Coordinator	:	Prof. Sesin Kocagöz; sesinsesin@gmail.com Assoc. Prof. Pinar Topsever; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	Lisa J. Angelo, Instructor Gerry Çifçioğlu, Instructor
Course Duration	:	Fall: 30.09.2015-20.01.2016, Spring: 15.02-09.06.2016
Educational Methods	:	Theoretical and practical courses: multimedia sessions, role play, peer discussions, plenary sessions with student presentations, lectures, reading and listening comprehension exercises of medical discourses and texts (popular media, general health information leaflets etc.), analyses of medical texts (literature in journal clubs)
Assessment Methods	:	Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations), literature analysis home works
Course Aims	:	The aim of the “Medical English - II” course is to provide proficiency in the use of the English language for professional activities (CPD and scholarly communication) and in daily medical practice.
Learning Outcomes	:	By the end of this course, the students will: <ul style="list-style-type: none"> · be proficient in specific medical terminology (daily language and professional jargon) regarding the clinical subject committees of year II (Musculoskeletal System, Hematopoietic and Immune System, Respiratory System) · be able to comprehend and use basic research terminology · be able to comprehend and interpret spoken and written English medical language and texts · be able to engage in active medical discourse (daily language with patients and their carers (laypeople) and professional jargon with colleagues and other health professionals) and scholarly communication · be able to do a directed database literature search · be able to write a research proposal · be able to write a structured research abstract · be able to prepare and to present (oral) a scientific topic to a professional audience

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	30	Credit	ECTS
			Practical (Hour)	60		
Medical English-V &VI	ENG 301 & 302	Fall & Spring	Study time (Hour)	55	5	6

Pre-requirement	:	English advanced level
Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Assist. Prof. Emel BALOĞLU; emel.baloglu@acibadem.edu.tr
Course Coordinator	:	Prof. Sesin Kocagöz; sesinsesin@gmail.com Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	Nurdan Tözün, M.D., Prof. Yasemin Alanay, M.D., Ph.D., Prof. Hasan Tanyeri, M.D., Prof. Sesin Kocagöz, M.D. Prof. Pınar Topsever, M.D., Assoc. Prof. İkbal Agah İnce, Ph.D., Assoc. Prof. Feryal Utku Doğan, M.D., Assist. Prof Lisa Angelo, Instructor Gerry Çiftçioğlu, Instructor
Course Duration	:	Fall: 06.10.2015—29.12.2015, Spring: 23.02.-10.05.2016
Educational Methods	:	Theoretical and practical courses: multimedia sessions, role play, peer discussions, plenary sessions with student presentations, lectures, reading and listening comprehension exercises of medical discours and texts, analyses of medical texts (literature analyses in journal clubs etc.)
Assessment Methods	:	Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations) , literature analysis home works
Course Aims	:	The aim of the “Medical English – V & VI” courses is to provide proficiency in the use of the English language for advanced professional activities (CPD and scholarly communication) and in daily medical practice
Learning Outcomes	:	By the end of this course, the students will <ul style="list-style-type: none"> · be proficient in specific medical terminology (daily language and professional jargon) regarding the clinical subject committees of year III (Cardiovascular System, Urinary and Reproductive System, Nervous System, Endocrine System, Gastrointestinal System) · be able to comprehend and interpret spoken and written English medical language and texts · be able to engage in active medical discourse (daily language with patients and their carers (laypeople) and professional jargon with colleagues and other health professionals) and scholarly communication · be proficient in English research terminology · be able to write a professional curriculum vitae · be able to write an application letter for a professional placement · be able to prepare and hold an oral presentation on a specific medical topic for a scientific audience · be able to critically appraise a scientific publication of medical research · be able to write a scientific research article about their own research project · be able to understand medical chart information including abbreviations · be able to do health counselling for patients and carers

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	56	Credit	ECTS
			Practical (Hour)	-		
Atatürk's Principles- History of Revolution I & II	ATA 101 & ATA 102	Fall-Spring	Study time (Hour)	6	4	2

Educational Language	:	Turkish
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr
Course Coordinator	:	Özgür Mutlu ULUS, Ph.D., Assist. Prof.
Educational Methods	:	Theoretical Courses, Discussions, Homeworks
Assessment Methods	:	Theoretical Examinations
Course Aims	:	This course is a survey of modernization process of Turkey from the 19th century onwards. It deals with topics in the economic, social and political history focusing on Turkish revolution known as "Atatürk's revolutions". The course will explore the characteristics of Turkish Revolution in comparison with revolutions of the modern age in both Western and Eastern states. The students will learn about the impact of the Age of Enlightenment and the French Revolution on both the collapse of the Ottoman Empire and the founding principles of the modern Turkish Republic.
Learning Outcomes	:	By the end of this course, the students will be able to: <ul style="list-style-type: none"> · gain knowledge on social, economic and political developments in the 19th and early 20th century of Turkey · become familiar with notions of modern political concepts such as nationalism and bourgeois revolution to understand the nature of Turkish revolution · explore the continuities and change from the Ottoman Empire to the Republic · get a comprehensive view on the formation and structure of the Turkish Revolution through a comparative perspective · learn in-depth about external and internal problems in building a Republic · get different historiographical views on Atatürk's revolutions and principles · learn about the impact of Atatürk and Turkish Revolution in other countries · understand the aims and goals of Atatürk · learn about early Republican Era and transition to multi-parliamentary era

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	56	Credit	ECTS
			Practical (Hour)	-		
Turkish Language- Literature I & II	TUR 101 & TUR 102	Fall-Spring	Study time (Hour)	6	4	2

Educational Language	:	Turkish
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr Assist. Prof. Deniz YÜCEL; deniz.yucel@acibadem.edu.tr
Course Coordinator	:	Hülya DÜNDAR ŞAHİN, Ph.D., Assist.Prof.
Educational Methods	:	Theoretical Courses, Discussions, Homeworks
Assessment Methods	:	Theoretical Examinations
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: <ul style="list-style-type: none"> · explain the features of written language · define the rules for written explanation · describe grammar rules · indicate the rules for punctuation · describe the concepts of writing an essay · define the methods to express himself



ACIBADEM
UNIVERSITY

2015
2016
YEAR
4

YEAR 4 CLERKSHIP CREDITS

CLERKSHIPS	DEPARTMENTS	Duration (Weeks)	Theoretical (hours)	Practical (hours)	Study Time	Total	National credits	ECTS
Internal Medicine	Internal Medicine Pulmonary Diseases Cardiology Infectious Diseases	11	123	280	40	443	19	16
Surgery	General Surgery Anesthesiology Thoracic Surgery Plastic surgery Cardiovascular Surgery	10	109	245	62	416	17	15
Pediatrics and Pediatric Surgery	Pediatrics Pediatric Surgery	10	123	238	41	402	17	15
Obstetrics and Gynecology	Obstetrics and Gynecology	7,5	63	226	8	297	13	11
Urology	Urology	2,5	19	68	5	92	4	3
TOTAL		41	437	1057	156	1650	70	60

YEAR 4 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
A	Internal Medicine (Aug 31 - Nov 13 2015)											Surgery (Nov 16 2015- Jan 22 2016)										
B	Obst & Gyn (Aug 31 - Oct 20 2015)							Urology (Oct 21-Nov 06 2015)				Internal Medicine (Nov 16 2015- Jan 29 2016)										
C	Pediatrics (Aug 31- Nov 06 2015)											Obst & Gyn (Nov 16 2015-Jan 5 2016)										
D	Surgery (Aug 31- Nov 06 2015)											Pediatrics (Nov 16 2015- Jan 22 2016)										
												Urology (Jan 6 - Jan 22 2016)										

	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Pediatrics (Feb 01 - Apr 08 2016)												Obst & Gyn (Apr 18 - Jun 07 2016)										
Surgery (Feb 01 - Apr 08 2016)												Pediatrics (Apr 18 - Jun 24 2016)										
Internal Medicine (Feb 01 - Apr 15 2016)												Surgery (Apr 18 - Jun 24 2016)										
Obst & Gyn (Feb 01 - Mar 22 2016)	Urology (Mar 23-Apr 08 2016)							Internal Medicine (Apr 18- July 01 2016)														

PTR= Physical Therapy and Rehabilitation
 OHNS= Otolaryngology, Head and Neck Surgery
 Ophth.=Ophthalmology
 Obst & Gyn=Obstetrics and Gynecology

CLERKSHIP INFORMATIONS

Clerkship	Year	Code	Theoretical (hours)	123	National Credits	ECTS
			Practical (hours)	280		
Internal Medicine	4	MED 401	Study Time (days)	40	19	16

Prerequisite	None
Educational language	English
Clerkship Type	Compulsatory
Clerkship Level	Undergraduate
Year Coordinators	Prof.,Özlem PATA; opata@asg.com.tr Assoc.Prof.Selda POLAT; selda.polat@acibadem.edu.tr
Clerkship Coordinator	Prof. Gül Başaran Assoc.Prof.Fatih Oğuz ÖNDER Assist.Prof.Aleks DEĞİRMENCİOĞLU
Clerkship Subcoordinators	Prof. Dr. Nurdan TÖZÜN (Internal Medicine Department) Prof. Dr.Sesin KOCAGÖZ (Infectious Diseases Department) Prof. Dr Çağlar ÇUHADAROĞLU (Pulmonary Diseases Department) Prof.Dr. Sinan DAĞDELEN (Cardiology Department)
Academic Units and Staff	<p>Internal Medicine Department</p> <p>Endocrinology Şebnem AKTARAN, M.D., Prof. Rüştü SERTER, M.D., Prof. Ender ARIKAN, M.D., Prof. Duygu YAZGAN AKSOY, M.D., Prof. Özlem ÇELİK, M.D., Assist. Prof. Oğuz Kaan ÜNAL, M.D., Instructor</p> <p>Geriatrics Berrin KARADAĞ, M.D., Assoc. Prof.</p> <p>Gastroenterology Nurdan TÖZÜN, M.D., Prof. Murat SARUÇ, M.D., Prof. Bahattin ÇIÇEK, M.D., Prof. Eser KUTSAL, M.D., Assoc. Prof.v Arzu TİFTİKÇİ, M.D., Assoc. Prof. Bülent DEĞERTEKİN, M.D., Assoc. Prof. Fatih Oğuz ÖNDER, M.D., Assoc. Prof. Nurten TÜRKEL KÜÇÜKMETİN, M.D., Assist. Prof. Özdal ERSOY, M.D., Assist. Prof. Suna YAPALI, M.D., Assist. Prof.</p> <p>Hematology Siret RATİP, M.D., Prof. Ant UZAY, M.D., Assist. Prof.</p> <p>Nephrology Ülkem ÇAKIR, M.D., Prof. Arif Alper KIRKPANTUR, M.D., Assoc. Prof.</p> <p>Medical oncology Gül BAŞARAN, M.D., Prof. Aziz YAZAR, M.D., Prof.</p>

	<p>Özlem ER, M.D., Prof. Gökhan DEMİR, M.D., Prof. Bülent ORHAN, M.D., Prof. Sinan YAVUZ, M.D., Prof. Hüseyin ABALI, M.D., Prof. Okan KUZHAN, M.D., Assoc. Prof. Taner KORKMAZ, M.D., Assoc. Prof.</p> <p>Rheumatology Mehmet KARAARSLAN, M.D., Assist. Prof. Melike KALFA, M.D., Instructor</p> <p>Pulmonary Diseases Department Çağlar ÇUHADAROĞLU, M.D., Prof. Ceyda KIRIŞOĞLU, M.D., Assist. Prof. Hilal ALTUNÖZ, M.D.,Ph.D., Instructor Pejman GOLABI, M.D., Instructor Süha ALZAFER, M.D., Instructor</p> <p>Infectious Diseases Department Sesin KOCAGÖZ, M.D., Prof. Sibel GÜNDEŞ, M.D., Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Cardiology Department Sinan DAĞDELEN, M.D., Prof. Ahmet AKYOL, M.D., Prof. Mustafa KEMAL BATUR, M.D., Prof. Tuğrul NORGAZ, M.D., Prof. Şevket GÖRGÜLÜ, M.D., Prof. İlke SİPAHI, M.D., Prof. Tansu KARAAHMET, M.D., Assoc. Prof. Ahmet KARABULUT, M.D., Assoc. Prof. Duhan Fatih BAYRAK, M.D., Assoc. Prof. Elif EROĞLU, M.D., Assoc. Prof. Hakan HASDEMİR, M.D., Assoc. Prof. Ali BUTURAK, M.D., Assist. Prof. Aleks DEĞİRMENCİOĞLU, M.D., Assist. Prof. Gülcan KURU ABALI, M.D., Assist. Prof. Selçuk GÖRMEZ, M.D., Assist. Prof. Mustafa Ertuğrul MERCAN, M.D., Instructor Seçkin SATILMIŞ, M.D., Instructor Zehra İrem SEZER, M.D., Instructor Ergün SEYFELİ, M.D., Instructor</p> <p>Affiliated Faculty: Cardiology Department Ahmet DURAN DEMİR, M.D., Prof. Seden ERTEN ÇELİK, M.D., Assoc. Prof.</p>
Duration	11 weeks
Aim	The purpose of Internal Medicine Clerkship, is to provide essential clinical approach for screening, diagnosis, current therapeutic options and follow-up for common medical diseases under guidance and integrate this approach with the knowledge, attitudes and skills already acquired in the first 3 years of medical school for clinical practice.

Learning Outcomes	<p>The major aims of Internal Medicine Clerkship are:</p> <ul style="list-style-type: none">· to improve the student's ability to obtain a history, perform a physical examination then present these findings in a logical and concise manner.· to develop a problem-oriented method of patient evaluation.· to recognize the risk/benefit of medical intervention.· to become familiar with humanistic and ethical considerations involved in patient care.· to develop conduct and behavior appropriate for a medical professional.· to develop and encourage a medical curiosity which will stimulate the student to continue a life-long system of self-education.· to develop an evidence-based approach to medical management· to acquire basic procedural skills required in the diagnosis and management of the patient
Educational Methods	<p>Lectures Clinical Skills Ward rounds-outpatient clinics Problem Based Learning Case Discussions</p>
Assessment Methods	<p>Clinical Performance Assessment Written Exam Structured Oral Exam</p>

Clerkship	Year	Code	Theoretical (Hour)	109	Credit	ECTS
			Practical (Hour)	245		
Surgery	4	MED 402	Study time (Hour)	62	17	15
Prerequisite	None					
Educational language	English					
Course type	Compulsory					
Course level	Undergraduate					
Year Coordinators	Prof.,Özlem PATA; opata@asg.com.tr Assoc.Prof.Selda POLAT; selda.polat@acibadem.edu.tr					
Clerkship Coordinator(s)	Prof.Tayfun GÜLER Prof. Bilgi BACA					
Clerkship sub-coordinators	Bilgi BACA, M.D., Prof. (General Surgery) Erdal OKUR, M.D., Assoc. Prof. (Thoracic Surgery) Ersin EREK, M.D., Assoc.Prof. (Cardiovascular Surgery) Tayfun GÜLER, M.D., Prof. (Anesthesiology) Ferit DEMİRKAN, M.D., Prof. (Plastic Surgery)					
Academic Staff	<p>General Surgery Cihan URAS, M.D., Prof. Bilgi BACA, M.D., Prof. Ibrahim BERBER, M.D., Prof. Remzi EMİROĞLU, M.D., Prof. Deniz BÖLER, M.D. , Assoc.Prof. İlknur ERGÜNER, M.D. , Assoc.Prof. Erman AYTAÇ, M.D., Assit. Prof. Fatih Levent BALCI, M.D., Assit. Prof. Ercument GÜRLÜER, M.D. , Instructor Deniz ATASOY, M.D., Instructor Onur BAYRAKTAR, M.D., Instructor</p> <p>Thoracic Surgery Semih HALEZEROĞLU, M.D., Prof. Erdal OKUR, M.D., Assoc. Prof. Ahmet DEMİRKAYA, M.D., Instructor</p> <p>Cardiovascular Surgery Cem ALHAN, M.D., Prof. Tayyar SARIOĞLU, M.D., Prof. Hasan KARABULUT, M.D., Prof. Şahin ŞENAY, M.D., Assoc. Prof. Ersin EREK, M.D., Assoc. Prof. Ahmet Ümit GÜLLÜ, M.D., Assist. Prof. Cem ARITÜRK, M.D., Assist. Prof. Selim AYDIN, MD, Instructor</p> <p>Anesthesiology Fevzi TORAMAN, M.D., Prof. Nahit ÇAKAR, M.D., Prof. Özcan ERDEMLİ, M.D., Prof. Tayfun GÜLER, M.D., Prof. Alp GURBET, M.D., Assoc. Prof. Meltem AÇIL, M.D., Assist. Prof. Serpil Ustalar ÖZGEN, M.D., Assist Prof. Aslıhan Sanem ÖZATA, M.D.. Instructor Müzeyyen İYİĞÜN, M.D.. Instructor</p>					

	<p>Banu Vural GÖKAY, M.D., Instructor Özgen Ilgaz KOÇYİĞİT, M.D., Instructor Muharrem KOÇYİĞİT, M.D., Instructor</p> <p>Plastic Surgery Ferit DEMİRKAN, M.D., Prof. Şükrü YAZAR, M.D., Prof. Halil Ibrahim CENTER, M.D., Prof. Mehmet Veli KARAALTIN, M.D., Assoc. Prof. Çiğdem ÜNAL, M.D., Assoc. Prof. Kahraman Berkhan YILMAZ, M.D., Assist. Prof. Umut Sinan ERSOY, M.D. Instructor</p> <p>Affiliated Faculty Tayfun KARAHASANOĞLU, M.D., Prof.</p>
Duration	10 weeks
Aim	<p>The aim of this course is to teach basic surgical topics to forth year medical students with lectures, problem 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.</p> <p>During the course, the students will have opportunities to join out- and in- patient care with medical teachers and other health professionals.</p>
Learning Outcomes	<p>At the end of the course,</p> <p><i>In General Surgery Department</i>, students should be able to:</p> <ul style="list-style-type: none"> · be familiar to 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, hemorogie, etc) · differentiate between benign and malignant / acute and chronic / emergent and elective surgical disease. · In Anesthesiology Department; · define fields of anesthesia and understand different methods of anesthesia · obtain basic knowledge and skills of establishing airway maintenance and vascular access · recognize basic principles of anesthetic management for various patients undergoing different surgical procedures in and outside the operating theater · become familiar with algology and critical care units · have the skills of applying basic and advanced life support according to international guidelines · In Cardiovascular Surgery Department; · understanding the diagnostic studies and indications for surgical management of CV diseases · recognize essential of the coronary bypass procedure and valvular heart surgery · recognize basic principles of surgical management of congenital cardiac malformations · become familiar with surgical management of thoracic aortic disease · explain early and late outcomes of the surgical management of adult and congenital heart diseases · In Plastic, Reconstructive and Aesthetic Surgery Department; · recognize the pressure sores, understand their underlying mechanisms, take necessary precautions for their prevention, offer treatment outlines · comprehend the range and limits of reconstructive surgery after oncologic resections of head and neck and breast cancer · make small excisional biopsies in skin lesions · be familiar with treatment algorithms in skin cancers · obtain adequate management skills in acute burn and frosting injuries at emergency basis

	<ul style="list-style-type: none"> · recognize and differentiate vascular malformations · describe classification and treatment principles in cleft lip and palate deformities · recognize different wound types and describe management · recognize maxillofacial fractures at emergency basis · recognize acute hand injuries at emergency basis · manage referring of a replantation case to a specialized center · describe basic medical and surgical aesthetic procedures · In Thoracic Surgery Department; · Become familiar with major thoracic surgical pathologies and their treatment · Recognize thoracic surgical emergencies and the findings of thoracic trauma
Course Methods	<p>Lectures Bed Side Training Case studies Active Presentation and Discussion Attendance to Surgery, ICU / Unit Visit Out Patient Clinics</p>
Assessment Methods	<p>Clinical Performance Assessment Structured Oral Exam Written Exam</p>

Clerkship	Year	Code	Theoretical (hours)	123	National Credits	ECTS
			Practical (hours)	238		
Pediatrics and Pediatric Surgery	4	MED 403	Study Time (hours)	41	17	15

Educational language	English
Course Type	Compulsory
Course Level	Undergraduate
Year coordinators	Prof.,Özlem PATA; opata@asg.com.tr Assoc.Prof.Selda POLAT; selda.polat@acibadem.edu.tr
Clerkship coordinator(s)	Prof. Vildan Ertekin Assoc. Prof.Muazzez Çevik
Clerkship sub-coordinators	Prof.Yasemin Alanay Prof.Latif Abbasoğlu
Academic Units & Staff	<p>Pediatric Neonatology Ayşe KORKMAZ, M.D., Prof. Atalay DEMİREL, M.D., Assist. Prof. Serdar BEKEN, M.D., Assist. Prof.</p> <p>Pediatric Allergy and Immunology Gülbin BINGÖL, M.D., Prof. Günseli BOZDOĞAN, M.D., Assist. Prof.</p> <p>Pediatric Cardiology Arda SAYGILI, M.D., Prof. Ender ÖDEMİŞ, M.D., Prof.</p> <p>Pediatric Endocrinology Serap SEMİZ, M.D., Prof.</p> <p>Pediatric Gastroenterology, Hepatology Vildan ERTEKİN, M.D., Prof. Mahir GÜLCAN, M.D. Assist. Prof.</p> <p>Pediatric Genetics Yasemin ALANAY, M.D., Ph.D, Prof.</p> <p>Pediatric Hematology and Oncology Cengiz CANPOLAT, M.D., Prof. Gülyüz Öztürk , M.D., Prof. (Consultant) Ertuğrul ERYILMAZ, M.D., Assist. Prof. Fatih ERBEY, M.D., Assoc. Prof Arzu AKÇAY, M.D., Assoc. Prof</p> <p>Pediatric Infectious Disease Metehan ÖZEN, M.D., Prof.</p> <p>Pediatric Intensive Care Unit Agop ÇITAK, M.D., Prof.</p> <p>Pediatric Neurology Uğur IŞIK, M.D., Assoc. Prof.</p> <p>Pediatric Pulmonology Elif DAĞLI M.D., Prof. (Consultant)</p> <p>Social Pediatrics Selda POLAT, M.D., Ph.D, Assoc. Prof.</p> <p>Pediatrics Müjde ARAPOĞLU, M.D., Assist. Prof. Sibel AKA, M.D., Assist. Prof. Tarkan İKİZOĞLU, M.D., (Guest lecturer)</p>

	<p>Pediatric Surgery Latif ABBASOĞLU, M.D., Prof. Muazzez ÇEVİK, M.D., Assoc. Prof.</p>
Duration	10 weeks
Aim	<p>The purpose of Pediatrics Clerkship, is to integrate knowledge, attitudes and skills already acquired in the first 3 years of medical school into the clinical discipline, follow-up of healthy children and practice current diagnostic and therapeutic approaches with guidance in common medical and surgical disease situations.</p> <p>Preoperative preparation, surgery and postoperative care (history, physical examination, laboratory, differential diagnosis) in children with pediatric surgical problems are discussed in overview.</p> <p>The principles of general surgery are discussed with emphasis on physiology of the pediatric population, especially in the neonatal period as a different model from those of adults. The necessity of a unique approach is underlined.</p> <p>Children with common congenital anomalies, surgical pathologies, especially those with associated anomalies requiring surgery are discussed focusing on treatment modalities. Students are encouraged to observe hospitalized children and outpatients, learn disease prevention, early diagnosis and treatment strategies and provide support for the patient and the family.</p>
Learning outcomes	<p>By the end of this clerkship, the students 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, attendings as well as oral presentations skills in a variety of settings such as work rounds, patient consultations, family meetings, etc. · obtain a pediatric history from the parent and when appropriate from the child. · perform a complete physical examination on patients from infancy through adolescence · develop a clinical assessment and plan, demonstrating critical thinking skills and integration of previous basic science and clinical knowledge into management of pediatric problems. · explain growth and development of healthy neonates, children and adolescents including clinical follow-up · describe immunization practices and common morbidities in childhood, such as cardiac, endocrine, hematologic, immunologic, nephrological, neuromuscular, metabolic, infectious, neoplastic, genetic diseases.
Educational methods	<p>Lectures Clinical Skills Ward rounds-outpatient clinics Problem based Learning Case Discussions</p>
Assessment methods	<p>History Taking Skill Assessments Clinical Skills Assessment Written Examination Structured Oral Exam</p>

Clerkship	Year	Code	Theoretical (hours)	63	National credits	ECTS
			Practical (hours)	226		
Obstetrics and Gynecology	4	MED 404	Study time (hours)	8	13	11

Prerequisite	None
Educational language	English
Course Type	Compulsory
Course Level	Undergraduate
Year coordinators	Prof., Özlem PATA; opata@asg.com.tr Assoc.Prof.Selda POLAT; selda.polat@acibadem.edu.tr
Clerkship coordinator(s)	Prof.Cem BATUKAN Prof.Talat Umut Kutlu DİLEK
Clerkship sub-coordinator	Instructor Esra ÖZBAŞLI
Academic Units & Staff	Obstetrics and Gynecology Mete GÜNGÖR, M.D., Prof, Chairman Tayfun BAĞIŞ, M.D., Prof. Tansu KÜÇÜK, M.D., Prof. Özlem PATA, M.D., Prof. İbrahim BİLDİRİCİ, M.D., Prof. Talat Umut Kutlu DİLEK, M.D., Prof. Bülent TIRAŞ, M.D., Prof Cem BATUKAN, M.D., Prof. Mehmet CİHAT ÜNLÜ, M.D., Prof. Fatih ŞENDAĞ, M.D., Prof. Serkan ERKANLI, M.D., Prof. Hüsnü GÖRGEN, M.D., Assoc. Prof. Derya EROĞLU, M.D., Assoc. Prof. Esra ÖZBAŞLI, M.D., Instructor
Duration	7,5 weeks
Aim	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.
Learning outcomes	<ul style="list-style-type: none"> · Diagnose pregnancy, take antenatal care of pregnant woman, identify high risk pregnancies, be able to refer appropriate patients to specialized tertiary centers and define obstetric emergencies · Perform basic obstetric examination · Define conditions for and describe stages of normal vaginal birth and summarize normal labor management · Describe indications for operative vaginal delivery and cesarean section · List common complications of labor and delivery and summarize their basic management principles · Perform basic gynecological examination, define physical findings, · Take cervico-vaginal PAP smear and obtain vaginal swab for microbiological evaluation, · Describe common gynecological pathologies and summarize their treatment options, · 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,

	<ul style="list-style-type: none"> · Define diagnostic criteria of infertility, describe the basic evaluation of infertile couples and explain the principles of their management, · Define common contraceptive methods, describe their advantage and disadvantage and counsel couples regarding the most appropriate method of contraception, · Describe symptoms and physical findings of common benign gynecological diseases and define their clinical management, · Describe urinary incontinence, define basic principles of physical examination of patients with urinary incontinence and summarize their management, · Define perimenopausal changes and summarize the management of common conditions of these patients.
Educational methods	<p>Lectures Interactive learning session Literature review and presentations Practice in the operating and delivery room Practice in CASE</p>
Assessment methods	<p>Clinical Skills assessment Written Exam Structured Oral Exam</p>

Clerkship	Year	Code	Theoretical (hours)	19	National credits	ECTS
			Practical (hours)	68		
Urology	4	MED 405	Study time (hours)	5	4	3

Prerequisite	None
Educational language	English
Clerkship Type	Compulsory
Clerkship Level	Undergraduate
Year coordinators	Prof., Özlem PATA; opata@asg.com.tr Assoc.Prof.Selda POLAT; selda.polat@acibadem.edu.tr
Clerkship coordinator	Prof. Saaddettin ESKİÇORAPÇI Assist.Prof. Selçuk KESKİN
Academic Staff	Urology Ahmet ŞAHİN, M.D. Prof. Selçuk YÜCEL, M.D. Prof. Murat ŞAMLI, M.D., Prof. Levent TÜRKERİ, M.D., Prof. Ali Rıza KURAL, M.D. Prof. Saaddettin ESKİÇORAPÇI, M.D., Prof. Serkan DEVECİ, M.D. M.D., Prof. Mustafa SOFİKERİM, M.D., Assoc. Prof. İlter TÜFEK, M.D., Assoc. Prof. Uğur ALTUĞ, M.D., Assoc. Prof. Hakan ÖZVERİ, M.D., Assoc. Prof. Enis COŞKUNER, M.D., Assist. Prof. Bora ÖZVEREN, M.D., Assist. Prof. Selçuk KESKİN, M.D., Assist. Prof. Burak ÖZKAN, M.D., Assist. Prof. Burak ARGUN, M.D., Assist. Prof.
Duration	2,5 Weeks
Aim	This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of male 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.

Learning Outcomes	<p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> · 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, · recognize the importance of renal transplantation and transmit the importance of this issue to the public, · 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.
Educational methods	<p>Lectures Interactive learning session Literature review and presentations Practice in the operating and delivery room</p>
Assessment methods	<p>Clinical Skills Assessment Written Exam Structured Oral Exam</p>

YEAR 4: LIST OF CLERKSHIP SESSIONS

Surgery

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Systemic Response to Injury I	2	D Atasoy
Surgical Metabolism and Nutrition	1	E Gürlüler
Fluid and Electrolyte Management of Surgical Patient	1	E Gürlüler
Hemostasis, Surgical Bleeding and Transfusion	1	İ Ergüner
Shock	2	L Balcı
Surgical Infections	1	R Emiroğlu
Abdominal Injuries	1	R Emiroğlu
Wound Healing and Management	1	D Böler
Postoperative Complications	1	O Bayraktar
Acute Abdomen	1	D Böler
Acute Appendicitis and Other Appendiceal Disorders	1	İ Ergüner
Pilonidal Disease and Hydradenitis Suppurativa	1	E Gürlüler
Gastrointestinal System Bleeding	1	B Baca
Intestinal Obstruction	1	L Balcı
Peritonitis and Intraabdominal Abscess	1	E Gürlüler
Abdominal wall and Ventral hernia	1	O Bayraktar
Groin Hernia and inguinal anatomy	1	L Balcı
Indications of Splenectomy	1	R Emiroğlu
Diseases of Omentum, Mesentery and Retroperitoneum	1	R Emiroğlu
Benign Breast Diseases (Fibrocystic Changes and Benign Tumors)	2	C Uras
Breast Cancer	2	C Uras
Morbid Obesity	1	C Uras
Benign Esophageal Disorders (Corosive Esophagitis and Perforation)	1	O Bayraktar
Tumors of the Esophagus	1	O Bayraktar
Gastroesophageal Reflux and Hiatal Hernia	1	O Bayraktar
Surgical Treatment of Peptic Ulcer and Its Complications	1	E Gürlüler
Gastric Cancer and precancerous lesions	1	B Baca
Small Bowel Diseases (Meckel Diverticulitis, Short Bowel Syndrome, Radiation Enteritis, Tumors)	1	L Balcı
Inflammatory Bowel Diseases	2	B Baca
Diverticular Disease of the Colon	1	O Bayraktar
Benign Colorectal Disorders (Rectal Prolapse, Colonic Volvulus, Ogilvie's syndrome, Fecal Incontinence)	1	İ Ergüner
Benign Anorectal Diseases I (Hemoroid, Anal fissure)	1	A Zorluoğlu
Benign Anorectal Diseases II (Anal fistula and abscess)	1	A Zorluoğlu
Colorectal cancer and Polyposis Syndromes	1	T Karahasanoğlu
Benign Liver Disorders (lesions and infections (pyogenic and parasitic)	1	D Atasoy
Malignant Liver Tumors	1	D Atasoy
Portal Hypertension and Liver Transplantation	1	R Emiroğlu
Transplantation (kidney, pancreas, small bowel)	1	İ Berber
Gallstone Disease and Management (Acute and Chronic Cholecystitis)	2	İ Berber
Tumors of Biliary System and Gallbladder	1	İ Ergüner

Acute and Chronic Pancreatitis	1	D Atasoy
Neoplasms of Pancreas (Endocrine and Exocrine)	1	İ Ergüner
Benign Thyroid Disorders and thyroid nodules	2	İ Berber
Malignant Thyroid Diseases	1	D Böler
Parathyroid disorders	1	D Böler
Adrenal Gland Surgical Disorders	1	L Balcı

Pediatrics and Pediatric Surgery

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Pediatric History Taking	1	Y Alanay
Examination of the Chest	1	S Aka
Respiratory Signs and Symptoms	1	S Aka
Pediatric Urinary Tract Infections	1	S Aka
Motor and Mental Development	1	U Işık
Neurological Examination	2	U Işık
Examination of the Cardiovascular System	1	A Saygılı
Pediatric - ECG	1	A Saygılı
Approach to Lymphadenopathy	1	F Erbey
Examination of Gastrointestinal System	1	V Ertekin
Practicing Glasgow Coma Scale in ER	1	U Işık
Approach to Child in Coma	1	U Işık
Increased Intracranial Pressure	1	U Işık
Physiology of the Newborn	1	A Demirel
Examination of the Newborn	1	A Korkmaz
Hyperbilirubinemia and Jaundice in Newborn	1	A Demirel
Newborn Sepsis	1	A Demirel
Postnatal Newborn Care and Neonatal Screening	1	A Demirel
Neonatal Resuscitation	1	A Demirel
Inherited Metabolic Disease	1	Y Alanay
Genetic Tests for the Clinician	1	Y Alanay
Common Genetic Chromosomal Syndromes	2	Y Alanay
Principles of Genetic Counseling	1	Y Alanay
Pedigree Drawing Workshop	1	Y Alanay
Advances in Immunisation	1	M Özen
Probiotics and Prebiotics in Pediatrics	1	M Özen
Intelligent Use of Antibiotics	1	M Özen
Examination of Head and Neck	1	M Özen
Childhood Eruptions	2	S Polat
Well-Baby Follow-up Overview	1	S Polat
Immunisation in Childhood	1	S Polat
Immunisation in Outpatient Clinic - GRUP I	1	S Polat
Pediatric Sepsis, Bacteremia, Septic Shock	2	T İkizoğlu
Dehydration, Fluid and Electrolyte Treatment	2	T İkizoğlu
Wheezing and Cough in Childhood	1	E Dağlı

Pulmonary function tests	1	E Dađlı
Childhood Tuberculosis and its Treatment	1	E Dađlı
Chronic Lung Disease and Cystic Fibrosis Treatment	1	E Dađlı
Pediatric Assessment Triangle	1	A ıtak
Toxicology	1	A ıtak
First Aid and Injury Prevention	1	A ıtak
Pediatric Cardiac Emergencies	1	A Saygılı
Cyanotic Congenital Heart Disease	1	A Saygılı
Acyanotic Congenital Heart Disease	1	A Saygılı
Rheumatic Fever and its Treatment	1	E demiř
Congestive Heart Failure and its Treatment	1	E demiř
Cardiomyopathy and Myocarditis and Pericardial disease	2	E demiř
Approach to a Child with Fever	1	S Aka
Acute Renal Failure	1	S Aka
Chronic Renal Failure	1	S Aka
Frequent Medical Problems in Adolescents	1	M Arapođlu
Approach to Vasculitis in Childhood	1	M Arapođlu
Essentials of Pediatric Rheumatology	1	M Arapođlu
Anemia in Childhood	1	C Canpolat
How to Prescribe Medicine	1	C Canpolat
Bleeding Diathesis in Childhood	1	C Canpolat
Upper Respiratory Tract Infections	1	M Arapođlu
Food Allergies	1	G Bingöl
Drug Allergies	1	G Bingöl
Bronchial Asthma Treatment	1	G Bingöl
Allergic Symptoms of Upper- Lower Resp Tract	1	G Bozdođan
Allergic Diseases of Skin	1	G Bozdođan
Approach to Immune Deficiency	1	G Bozdođan
Pediatric Bone Marrow Transplantation	1	G ztürk
Nutrition in Pediatrics	1	M Arapođlu
Benefits of Breastfeeding	1	M Arapođlu
Weaning Diet in Infancy	2	S Polat
Immunisation in Outpatient Clinic - GRUP II	1	S Polat
Examination of the Musculoskeletal System	2	Y Alanay
Evaluation of Growth	1	S Semiz
Approach to Short Stature	1	S Semiz
Congenital Hypothyroidism	1	S Semiz
Case Discussion: Hashimoto thyroiditis	1	S Semiz
Treatment of Diabetic Ketoacidosis	1	S Semiz
Approach to Disorders of Sexual Differentiation	1	S Semiz
Case Discussion: Hypoglycemic Child	1	S Semiz
Leukemias in Childhood	1	E Eryılmaz
Lymphomas in Childhood	1	E Eryılmaz
Solid Tumors in Childhood	1	F Erbey
Blood and Bone Marrow Smear Practice - GRUP I-II	1	F Erbey

Laboratory Evaluation in Hematological Diseases - GRUP I-II	1	F Erbey
Chronic Liver Disease in Childhood	2	M Gülcan
Approach to GIS Bleeding and IBD	1	M Gülcan
Vomiting and GERD	1	M Gülcan
Intrauterine Infections	1	M Özen
CNS Infections	1	M Özen
Metabolic Diseases Involving the Liver	2	M Gülcan
Postinfectious Diseases	1	U Işık
Epilepsy and Febrile Convulsions	1	U Işık
Hypotonic Infant	1	U Işık
Functional GI Disorders and Gastritis in Childhood	1	V Ertekin
Celiac Disease and Other Causes of Malabsorption in Childhood	1	V Ertekin
Welcome to Pediatrics	1	Y Alanay
PBL-1 (Part I)	1	S Aka
PBL-1 (Part II)	1	SAka
History Taking and Physical Examination Overview	1	Y Alanay
PBL-2 (Part I)	2	E Eryılmaz
PBL-2 (Part II)	2	S Aka

Obstetrics and Gynecology

Session title *Hours* *Tutor*

Clinical gynecologic anatomy	1	M. Güngör
Management of adnexial masses	1	M. Güngör
Epithelial tumors of the ovary and tuba	2	M. Güngör
Cervical cancer	1	M. Güngör
Emesis gravidarum	1	E. Özbaşı
Genital organ prolapsus and genital fistula	1	E. Özbaşı
Female urinary incontinence	1	E. Özbaşı
Teratology	1	E. Özbaşı
Pregnancy and systemic diseases	1	D. Eroğlu
Abnormalities of the placenta and amniotic fluid	1	D. Eroğlu
Postdates, Intrauterine fetal death, perinatal mortality	1	D. Eroğlu
Diabetes complicating pregnancy	1	D. Eroğlu
Perinatal infections	1	D. Eroğlu
Induction of labor	1	C. Batukan
Antepartum hemorrhage	1	C. Batukan
Postpartum hemorrhage	1	C. Batukan
Multifetal pregnancy	1	C. Batukan
Pregnancy and hematological diseases	1	C. Batukan
Non-obstetrical emergencies during pregnancy	1	T.U.K. Dilek
Normal and abnormal labor	2	T.U.K. Dilek
Abortus & Recurrent pregnancy loss	1	T.U.K. Dilek
Rhesus disease	1	T.U.K. Dilek
Premature rupture of membranes	1	Ö. Pata

Intrapartum fetal evaluation and perinatal asphyxia	1	Ö. Pata
Abnormal presentation	2	Ö. Pata
Intrauterine growth retardation	1	Ö. Pata
Endometriosis	1	C. Ünlü
Menopause	1	T. Küçük
Contraception	1	T. Küçük
Infertility	2	T. Küçük
Antenatal care and fetal well-being	2	İ. Bildirici
Preterm labor and tocolysis	1	İ. Bildirici
Pregnancy and hypertension	2	İ. Bildirici
Complications of the peripartum	1	İ. Bildirici
Nonepithelial ovarian tumors	1	S. Erkanlı
Endometrial cancer and mesenchymal tumors of the	1	S. Erkanlı
Tumor markers and screening	1	S. Erkanlı
Precancerous lesions of the endometrium	1	S. Erkanlı
Precancerous lesions of the cervix	1	S. Erkanlı
Amenorrhea	2	B. Tıraş
M.Uteri	1	B. Tıraş
Ectopic pregnancy	1	B. Tıraş
Congenital anomalies of the female genitalia	1	F. Şendağ
Sexually transmitted disease and genital infection	1	F. Şendağ
Gynecological emergencies	1	F. Şendağ
Premenstrual syndrome and dysmenorrhea and pelvic pain	1	F. Şendağ
Gestational trophoblastic disease	2	H. Görgen
Cytology and Colposcopy	1	H. Görgen
Benign, precancerous lesions and cancer of the vulva and vagina	1	H. Görgen
Ovulation induction and assisted reproductive techniques	1	T. Bağış
Hyperandrogenism and Polycystic ovary syndrome	2	T. Bağış
Abnormal vaginal bleeding	1	T. Bağış

Internal Medicine

Session title *Hours* *Tutor*

History taking	2	N Tözün
Approach to a pt with chest pain	1	E Eroğlu
Examination of the precordium	1	E Eroğlu
Examination of pulse and BP	2	A Karabulut
Pulm symptoms&signs	1	Ç Çuhadaroğlu
Examination of chest	2	Ç Çuhadaroğlu
Radiology of chest	1	Ç Çuhadaroğlu
GIS symptoms and signs	1	M Saruç
Examination of abdomen	2	N Tözün
Examination of Extremities	1	M Karaarslan
Examination of Head and Neck	1	S Ratip
Approach to a pt with LAP	1	S Ratip

Review of history taking and physical examination	2	G Başaran
Neurological examination	1	Y Kaya
Dermatologic manifestations of systemic diseases	1	Y Saray
Cardiovascular emergencies and first aid	1	Ş Görgülü
Electrical Conduction Abnormalities	1	D. F. Bayrak
Hypertension	1	S. E. Çelik
Complications and therapy of complex Hypertension	1	S. E. Çelik
Atrial Arrhythmias	1	A Akyol
Ventricular Arrhythmias	1	A Akyol
Management of acute coronary syndromes	1	S Dağdelen
Therapy of the chronic ischemic heart diseases	1	S Satılmış
Heart Failure: Clinical evaluation and diagnosis	1	İ Sipahi
Management of Heart Failure	1	İ Sipahi
Structural heart diseases	1	A. T. Sezgin
Diagnosis and therapy of pericardial disease and cardiac masses	1	A. T. Sezgin
Management of venous system diseases and pulmonary embolism	1	T Karaahmet
Diagnosis and therapy of Cardiomyopathies	1	T Karaahmet
Diagnosis and Management of Pulmonary hypertension and right heart failure	1	A Buturak
Management of Lipoprotein Disorders	1	A Buturak
Diagnosis and therapy of infective endocarditis and Rheumatic Fever	1	G Abalı
Tricuspid and Pulmonary valvular diseases and therapies	1	G Abalı
Mitral and Aortic valvular diseases and therapies	1	A Değirmencioglu
Treatment of arterial system disorders	1	T Norgaz
Chronic obstructive pulmonary diseases	1	P Golabi
Asthma	1	P Golabi
Management of pleural effusions	1	P Golabi
Interstitial lung diseases	1	P Golabi
Pregnancy and Heart Disease	1	E Seyfeli
Endocrine disorders, diabetes and cardiovascular disease	1	E Seyfeli
Problems of Aging: Physiologic and laboratory changes	1	B Karadağ
Comprehensive geriatric assessment	1	B Karadağ
Management of GERD, Esophagitis and Esophageal Motility Disorders	1	Ö Ersoy
Approach to Patient with Diarrhea	2	N Türkel
Approach to patient with constipation	1	Ö Ersoy
Approach to a patient with dyspnea	1	S Alzafer- H Çalışır
Approach to a patient with chest pain	1	S Alzafer- H Çalışır
Approach to a patient with hemoptysis	1	S Alzafer- H Çalışır
Evaluation of pulmonary functions	1	S Alzafer- H Çalışır
Pneumonia	1	H Çalışır- R Baran
Tuberculosis	1	H Çalışır- R Baran
Pulmonary Embolism	1	H Çalışır- R Baran
Pulmonary neoplasms	1	H Çalışır- R Baran
Approach to the patient with Jaundice DISCUSSION	1	N Türkel
Approach to Abdominal swelling and Ascites	2	N Tözün

Gastrointestinal emergencies I (upper and lower GI Bleeding)	1	B Çiçek
Gastrointestinal emergencies II :acute liver failure	1	N Tözün
Management of irritable bowel syndrome	1	E Vardareli
Management of inflammatory bowel diseases	2	E Vardareli
Management of complications of liver cirrhosis	1	M Saruç
Management of Acute and Chronic Pancreatitis	1	B Çiçek
Management of Peptic Ulcer Disease	1	B Çiçek
Diabetes Mellitus: treatment, management of complications and follow -up	1	E Arıkan
Diabetes and pregnancy	1	E Arıkan
Case Discussion:DM	1	E Arıkan
Thyroid diseases	1	N Kurtulmuş
Thyroid diseases: case discussion	1	N Kurtulmuş
Endocrine emergencies	2	N Kurtulmuş
Pituitary diseases	1	R Serter
Case discussion: Pituitary Diseases	1	R Serter
Adrenal diseases	2	R Serter
Obesity	1	Ş Aktaran
Hyper/hypoparathyroidism/metabolic bone	1	Ş Aktaran
Osteoporosis	1	Ş Aktaran
Rationale Use of Antimicrobials	1	S Kocagöz
Infectious diseases emergencies	1	S Kocagöz
Infectious approach to a patient with fever	1	H Kuşoğlu
Genitourinary infections	1	S Kocagöz
Management of Upper Respiratory tract infections	1	S Kocagöz
Therapeutic approach to AIDS and related opportunistic disorders	1	S Kocagöz
Infectious diarrhea	1	H Kuşoğlu
Hospital infections	1	H Kuşoğlu
Management of electrolyte disturbances	1	G Aliş
Management of acid-base disorders	1	G Aliş
Management of glomerular disease	1	G Aliş
Rheumatology Mimics	1	M Karararslan
Rheumatoid Arthritis	1	M Karararslan
Spondyloarthropaties	1	M Karararslan
Connective Tissue Disease	1	M Karararslan
Vasculitis	1	M Karararslan
Behçet's Disease/FMF	1	M Karararslan
Pathophysiology and treatment of hypertension	1	Ü Çakır
Pathophysiology and treatment of hypertension	1	S Şahin
Daignosis and treatment of acute kidney disease	1	Ü Çakır
Chronic kidney disease and renal replacement therapies	1	Ü Çakır
Case Discussion	1	Ü Çakır
Management of diabetec neuropathy	1	S Şahin
Approach to a patient with anemia	1	S Ratip
Approach to a patient with bleeding disorder	1	S Ratip
Hypercoagulability and thrombosis	1	S Ratip

Indications and complications of blood trasfusion	1	A Uzay
Hamatologic malignancies: Lymphomas	1	A Uzay
Hamatologic malignancies: Lekemias	1	A Uzay
Principles of Cancer Therapy	1	G Başaran
Breast Cancer: screening, diagnosis, risk factors, principles of therapy	1	G Başaran
Epidemiology and etiology of cancer	1	A Yazar
Lung cancer:screening, diagnosis, risk factors, principles of therapy	1	A Yazar
Side effects of cancer therapy	1	Ö Er
Colorectal cancer: screening, diagnosis, risk factors, principles of therapy	1	Ö Er
Prostate cancer: screening, diagnosis, risk factors, principles of therapy	1	B Orhan
Management of oncologic emergencies	1	S Yavuz
Cancer Prevention	1	G Demir

Urology

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Renal Cancer	1	A R Kural
Evaluation of hematuria	1	B Özkan
Genitourinary trauma and emergency	2	E R Coşkuner
Treatment of common urologic problems in the pediatric population	2	S Yücel
Medical and surgical treatment of erectile dysfunction	1	S Deveci
Prostate cancer	1	S Eskiçorapçı
Benign prostatic hyperplasia	2	S Keskin
Medical and surgical treatment of urinary stone disease	2	M Sofikerim/U Altuğ
Specific and nonspecific urinary tract infections and sexually transmitted diseases	2	B Özveren
Infertility	1	H Özveri
Bladder Cancer	1	L Türkeri
Testis tumor	1	B Argun
Upper Urothelial carcinoma and other rare urological malignancies	1	İ Tüfek

2015

FOR
YOUNG

5



YEAR 5 CLERKSHIP CREDITS

CLERKSHIPS	DEPARTMENTS	Duration (Weeks)	Theoretical (hours)	Practical (hours)	Study Time	Total	National credits	ECTS
Neurology	Neurology	4	36	117	10	163	7	6
Neurosurgery	Neurosurgery	4	27	135	10	172	7	6
Psychiatry	Psychiatry	3	33	60	35	128	5	5
Otolaryngology, Head and Neck Surgery	Otolaryngology, Head and Neck Surgery	3	30	80	10	120	5	4
Ophthalmology	Ophthalmology	2	18	65	10	93	4	3
Dermatology	Dermatology	3	30	80	15	125	5	5
Radiology	Radiology Radiation Oncology	3	42	50	25	117	5	5
Orthopedy & PMR	Orthopedics Physical Therapy and Rehabilitation	5	36	130	48	214	8	8
Forensic Medicine	Forensic Medicine	2	47	10	22	79	4	3
Elective clerkship-1		3	0	135	-	135*	5	5
Elective clerkship-2		3	0	135	-	135*	5	5
Elective clerkship-3		3	0	135	-	135*	5	5
TOTAL		38	299	1132	185	1616	65	60

PMR = Physical Medicine and Rehabilitation

* 45 student work load hours per week

YEAR 5 CLERKSHIP SCHEDULE OUTLINE

Groups	Weeks																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
A	Neurology (Aug 31-Sep 25 2015)	Neurosurgery (Sep 28-Oct 23 2015)		Psychiatry (Oct 26-Nov 13 2015)		OHNS (Nov 16-Dec 04 2015)		Ophth. (Dec 07-Dec 18 2015)		Dermatology (Dec 21 2015-Jan 08 2016)		Radiology (Jan 11- Jan 29 2016)		Psychiatry (Jan 11- Jan 29 2016)		Elective -2 (Jan 11- Jan 29 2016)		Neurology (Jan 04- Jan 29 2016)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)	
B	Orthopedics & PTR (Aug 31-Oct 02 2015)	Elective -1 (Oct 05-Oct 23 2015)		Dermatology (Oct 05-Oct 23 2015)		Orthopedics & PTR (Oct 12-Nov 13 2015)		Radiology (Oct 26-Nov 13 2015)		Neurosurgery (Nov 16-Dec 11 2015)		Neurosurgery (Dec 14 2015-Jan 08 2016)		Elective -1 (Dec 21 2015-Jan 08 2016)		Elective -2 (Jan 11- Jan 29 2016)		Neurology (Jan 04- Jan 29 2016)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)	
C	OHNS (Aug 31-Sep 18 2015)	Ophth. (Sep 21-Oct 02 2015)		Elective -2 (Sep 21-Oct 09 2015)		Psychiatry (Sep 28-Oct 16 2015)		Neurology (Oct 19-Nov 13 2015)		Dermatology (Nov 16-Dec 04 2015)		Radiology (Dec 07-Dec 25 2015)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)		Neurology (Jan 04- Jan 29 2016)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)	
D	Elective -1 (Aug 31-Sep 18 2015)	Elective -2 (Sep 21-Oct 09 2015)		Psychiatry (Sep 28-Oct 16 2015)		Neurology (Oct 19-Nov 13 2015)		Ophth. (Nov 02- Nov 13 2015)		Elective -1 (Nov 16-Dec 04 2015)		Elective -2 (Dec 07-Dec 25 2015)		Orthopedics & PTR (Dec 28 2015- Jan 15 2016)		Orthopedics & PTR (Dec 28 2015- Jan 29 2016)		Neurology (Jan 04- Jan 29 2016)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)	
E	Neurosurgery (Aug 31-Sep 25 2015)	Psychiatry (Sep 28-Oct 16 2015)		Neurology (Oct 19-Nov 13 2015)		Dermatology (Nov 16-Dec 04 2015)		Radiology (Dec 07-Dec 25 2015)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)		Neurology (Jan 04- Jan 29 2016)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)	
F	Dermatology (Aug 31-Sep 18 2015)	Radiology (Sep 21-Oct 09 2015)		OHNS (Oct 12-Oct 30 2015)		Ophth. (Nov 02- Nov 13 2015)		Elective -1 (Nov 16-Dec 04 2015)		Elective -2 (Dec 07-Dec 25 2015)		Orthopedics & PTR (Dec 28 2015- Jan 15 2016)		Orthopedics & PTR (Dec 28 2015- Jan 29 2016)		Neurology (Jan 04- Jan 29 2016)		OHNS (Dec 28 2015- Jan 15 2016)		Ophth. (Jan 18- Jan 29 2016)		Ophth. (Jan 18- Jan 29 2016)	

23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40		
Forensic Medicine (Feb 01-Feb 12 2016)		Orthopedics & PTR (Feb 29- Apr 01 2016)		Elective -1 (Apr 04- Apr 22 2016)		Elective -2 (Apr 25 -May 13 2016)		Elective -3 (May 16-Jun 03 2016)		Elective -3 (May 16-Jun 03 2016)		Elective -3 (May 16-Jun 03 2016)		Elective -3 (May 16-Jun 03 2016)		Elective -3 (May 16-Jun 03 2016)			
		OHNS (Feb 29- Mar 18 2016)		Dermatology (Apr 04- Apr 22 2016)		Radiology (Apr 25 -May 13 2016)		Radiology (Apr 25 -May 13 2016)		Radiology (Apr 25 -May 13 2016)		Radiology (Apr 25 -May 13 2016)		Radiology (Apr 25 -May 13 2016)		Radiology (Apr 25 -May 13 2016)		Radiology (Apr 25 -May 13 2016)	
Forensic Medicine (Feb 15- Feb 26 2016)		Neurology (Feb 29- Mar 25 2016)		Neurosurgery (Mar 28- Apr 22 2016)		Psychiatry (Apr 25 -May 13 2016)		Psychiatry (Apr 25 -May 13 2016)		Psychiatry (Apr 25 -May 13 2016)		Psychiatry (Apr 25 -May 13 2016)		Psychiatry (Apr 25 -May 13 2016)		Psychiatry (Apr 25 -May 13 2016)		Psychiatry (Apr 25 -May 13 2016)	
		Dermatology (Feb 29- Mar 18 2016)		Radiology (Mar 21- Apr 08 2016)		Ophth. (Apr 11- Apr 29 2016)		Ophth. (Apr 11- Apr 29 2016)		Ophth. (Apr 11- Apr 29 2016)		Ophth. (Apr 11- Apr 29 2016)		Ophth. (Apr 11- Apr 29 2016)		Ophth. (Apr 11- Apr 29 2016)		Ophth. (Apr 11- Apr 29 2016)	
		Elective -1 (Feb 29- Mar 18 2016)		Elective -2 (Mar 21- Apr 08 2016)		Orthopedics & PTR (Apr 11- May 13 2016)		Orthopedics & PTR (Apr 11- May 13 2016)		Orthopedics & PTR (Apr 11- May 13 2016)		Orthopedics & PTR (Apr 11- May 13 2016)		Orthopedics & PTR (Apr 11- May 13 2016)		Orthopedics & PTR (Apr 11- May 13 2016)		Orthopedics & PTR (Apr 11- May 13 2016)	
		Neurosurgery (Feb 29- Mar 25 2016)		Psychiatry (Mar 28- Apr 15 2016)		Neurology (Apr 18- May 13 2016)		Neurology (Apr 18- May 13 2016)		Neurology (Apr 18- May 13 2016)		Neurology (Apr 18- May 13 2016)		Neurology (Apr 18- May 13 2016)		Neurology (Apr 18- May 13 2016)		Neurology (Apr 18- May 13 2016)	

PMR= Physical Medicine and Rehabilitation
 OHNS= Otolaryngology, Head and Neck Surgery
 Obst & Gyn=Obstetrics and Gynecology



Clerkship	Year	Code	Theoretical (hours)	36	National Credits	ECTS
			Practical (hours)	117		
Neurology	5	MED 501	Study Time (days)	10	7	6
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Vuşlat Sema ÜNAL;vuşlat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr					
Clerkship Coordinator	Prof. Murat AKSU Assoc. Prof . Pınar Yalınay DİKMEN					
Academic Units & Staff	Neurology Fehim ARMAN, M.D.,Prof. Ayşe SAĞDUYU KOCAMAN, M.D., Prof. Murat AKSU, M.D., Prof. Geysu KARLIKAYA, M.D., Assoc.Prof. Dilaver KAYA, M.D., Assoc.Prof. Çiğdem DOĞULU, M.D., Assoc. Prof. Pınar YALINAY DİKMEN, M.D., Assoc Prof. Elif Ilgaz AYDINLAR, M.D., Assoc Prof Yıldız KAYA, M.D., Assist. Prof					
Duration	4 weeks					
Aim	The purpose of Neurology Clerkship, is to provide essential clinical approach for screening, diagnosis, current therapeutic options and follow-up for common medical diseases under guidance and integrate this approach with the knowledge, attitudes and skills already acquired in the first 3 years of medical school for clinical practice.					
Learning Outcomes	At the end of this clerkship the students will be able to: <ul style="list-style-type: none"> · - improve the ability to obtain a history, perform a physical examination then present these findings in a logical and concise manner. · - develop a problem-oriented method of patient evaluation. · - recognize the risk/benefit of medical intervention. · - become familiar with humanistic and ethical considerations involved in patient care. · - develop conduct and behavior appropriate for a medical professional. · - understand the importance of to continue a life-long system of self-education. · - develop an evidence-based approach to medical management · - diagnose neurologic disorders such as cerebrovascular diseases, epilepsy, cranial neuropathies, headache disorders, coma and mental alterations, neurologic emergencies, neuromuscular diseases, demyelinating disorders, extrapyramidal diseases and getting basic neuroradiologic knowledge. 					
Educational Methods	Lectures Clinical Skills Ward rounds-outpatient clinics Problem Based Learning Case Discussions					
Assessment Methods	Clinical Performance Assessment Written Exam Structured Oral Exam					

Clerkship	Year	Code	Theoretical (hours)	27	National Credits	ECTS
			Practical (hours)	135		
Neurosurgery	5	MED 502	Study Time (days)	10	7	6
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Vuslat Sema ÜNAL;vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr					
Clerkship Coordinator	Assoc. Prof. Koray ÖZDUMAN Assist. Prof. Mustafa GÜDÜK					
Clerkship Subcoordinators	Assist. Prof. Mustafa GÜDÜK					
Academic Units & Staff	Neurosurgery: M. Necmettin PAMİR, M.D., Prof. M Memet ÖZEK, M.D., Prof. Müfit KALELİOĞLU, M.D., Prof. Serdar ÖZGEN, M.D., Prof. Selçuk PEKER, M.D., Prof. Zafer BERKMAN, M.D., Prof. Koray ÖZDUMAN, M.D., Assoc. Prof. H İbrahim SUN, M.D., Assist. Prof. Mustafa GÜDÜK, M.D., Assist. Prof. M. İmre USSELİ, M.D., Instructor.					
Duration	4 weeks					
Aim	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					
Learning Outcomes	At the end of this clerkship the students will be able to: <ul style="list-style-type: none"> · Perform History and physical examination on Neurosurgical patients · Perform neurological examination. · Define Basic neuroradiological examinations and diagnosis of neurosurgical emergencies. · Diagnos and plan initial treatment/protection for neurosurgical emergencies and craniospinal trauma. · Define diagnostic procedures in neurosurgical disease. · Define Common neurosurgical problems, their workup, differential diagnosis, treatment and outcome. 					

Clerkship	Year	Code	Theoretical (hours)	32	National Credits	ECTS
			Practical (hours)	40		
Psychiatry	5	MED 503	Study Time (days)	35	5	5

Educational language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Vuslat Sema ÜNAL;vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Assist. Prof. Burcu Yavuz Assist. Prof. Ferhal Utku Doğan
Clerkship Subcoordinators	Assist. Prof. Ferhal Utku Doğan
Academic Units & Staff	Prof. Cem İncesu Prof. Kültegin Ögel Assist. Prof. Burcu Yavuz Assist. Prof. Ferhal Utku Doğan Arzu Önal, MD Child and Adolescent Psychiatry Nuray Sarp, Psychology Department Elçin Orhan, Psychology Department Esra Başöz, Psychology Department
Duration	3 weeks
Aim	The purpose of Psychiatry Clerkship, is to provide necessary knowledge about etiology, clinical signs and symptoms, differential diagnosis and treatment of psychiatric disorders. Skills about approaching to emergent psychiatric patients, knowledge about relationship between general medical conditions and psychiatric disorders are aimed to be taught.
Learning Outcomes	By the end of this course, the students will be able to: <ul style="list-style-type: none"> · Obtain a history, and perform mental status examination · Define psychiatric symptoms · Diagnose psychotic disorders · Define diagnostic criteria for schizophrenia · Diagnose mood disorders, make differential diagnosis and treat a patient with major depressive disorder, handle a patient with acute manic episode · Diagnose anxiety disorders, make differential diagnosis and treat a patient with anxiety disorder · Diagnose substance use disorders · Define and treat somatoform disorders · Describe eating disorders · Define sexual disorders · Handle an emergent psychiatric patient · Describe personality disorders
Educational methods	Theoretical lecture Interactive learning session Literature review and case presentations
Assessment methods	Written examination Structured oral examinations

Clerkship	Year	Code	Theoretical (hours)	30	National credits	ECTS
			Practical (hours)	80		
Otolaryngology Head and Neck Surgery	5	MED 504	Study time (hours)	10	5	4
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year coordinators	Prof. Vuslat Sema ÜNAL;vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr					
Clerkship coordinator	Assoc. Prof. Gediz Murat SERİN Assoc Prof.Melih Güven GÜVENÇ					
Academic Units & Staff	Otolaryngology Head and Neck Surgery Hasan TANYERİ, M.D, Prof. Levent ERİŞEN, M.D., Prof. Haluk ÖZKARAKAŞ, M.D., Prof. Melih Güven GÜVENÇ, M.D., Assoc Prof. Ahmet KOÇ, M.D., Prof. Şenol POLAT, M.D., Assoc Prof. Safer Arif ULUBİL, M.D., Assoc Prof. Elif AKSOY, M.D., Assoc Prof. Gediz Murat SERİN, M.D., Assoc. Prof İsmet Emrah EMRE, M.D.,Instructor					
Duration	3 weeks					
Aim	This course provides an introduction to the field of otolaryngology, a broad exposure to otolaryngologic diseases and will familiarize the student with outpatient and in-hospital otolaryngologic care.					
Learning outcomes	At the end of the course, students will able to: <ul style="list-style-type: none"> · be familiar to head and neck anatomy · Perform basic otolaryngological examination · Describe the symptoms and physical findings of common otolaryngological disease · Diagnose and treat the common upper airway infections and ear infections · Recognise and define the upper airway emergencies · Recognise the hearing loss and facial paralysis · Define the maxillofacial traumas · Recognise and describe the symptoms and physical findings of common head and neck cancers · Differentiate between benign and malignant otolaryngological diseases · Differentiate acute and chronic otolaryngological diseases · Recognise emergent otolaryngological diseases 					
Educational methods	<ul style="list-style-type: none"> · Theoretical lectures · Practice in office and operating theatre 					
Assessment methods	<ul style="list-style-type: none"> · Clinical performance assessment · Written examination · Oral examination 					

Clerkship	Year	Code	Theoretical (hours)	16	National credits	ECTS
			Practical (hours)	65		
Ophthalmology	5	MED 505	Study time (hours)	10	4	3
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year coordinators	Prof. Vuslat Sema ÜNAL;vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr					
Clerkship coordinator(s)	Prof. Banu COŞAR Assist. Prof.Ali Rıza Cenk ÇELEBİ					
Academic Units & Staff	Ophthalmology Banu COŞAR, M.D., Prof. Abdullah ÖZKIRIŞCI, M.D., Prof. Uğur Emrah ALTIPARMAK, M.D., Assoc. Prof. Ali Rıza Cenk ÇELEBİ, M.D., Assist. Prof. Ebru KILAVUZOĞLU, M.D.,Instructor					
Duration	2 weeks					
Aim	This course 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.					
Learning outcomes	By the end of this committee, the students will be able to: <ul style="list-style-type: none"> · Define anatomic structures of the eye and their functions · Perform basic biomicroscopy and fundus examination · Describe refractive errors and their treatment · Diagnose eye lid disorders and nasolacrimal duct obstruction, summarize their treatment options and treat particular cases · Make differential diagnosis of pink eye, and treat allergic and bacterial conjunctivitis · Describe symptoms and signs of cataracts and summarize treatment options · Describe symptoms and signs of glaucoma and summarize treatment options · Describe symptoms and signs of ocular/orbital tumors and uveitis, and summarize their treatment options · Describe symptoms and signs of retinal diseases, and summarize treatment options · Diagnose strabismus and summarize treatment options · Describe common neuroophthalmological pathologies and summarize their treatment options · Diagnose penetrating eye trauma, define management of eye trauma · Diagnose and perform the first line treatment of chemical injuries of the eye · Perform visual field examination by confrontation · List and define all advanced eye tests, and comment on particular eye tests · Differentiate which patients are to be referred to tertiary centers for eye diseases 					
Educational methods	Theoretical lecture Interactive learning session Practice in the examination room, operating room and laser room					
Assessment methods	Clinical performance assessment Written examination Structured oral examinations					

Clerkship	Year	Code	Theoretical (hours)	36	National Credits	ECTS
			Practical (hours)	80		
Dermatology	5	MED 506	Study Time (days)	15	5	5
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Vuslat Sema ÜNAL;vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr					
Clerkship Coordinator	Prof. Emel Öztürk DURMAZ Instructor. Yeliz ERDEMOĞLU					
Clerkship Subcoordinators	Assoc. Prof. Engin SEZER Prof. Sedef ŞAHİN					
Academic Units & Staff	Dermatology Sedef ŞAHİN, M.D., Prof. Emel Öztürk DURMAZ, M.D., Prof. İkbal Esen AYDINGÖZ, M.D., Prof. Engin SEZER, M.D., Prof. Yasemin SARAY, M.D., Assoc. Prof. Özgür BAKAR, M.D., Assist. Prof. Deniz DUMAN, M.D., Assist. Prof. Yeliz ERDEMOĞLU, M.D., Instructor.					
Duration	3 weeks					
Aim	The purpose of Dermatology Clerkship is to provide basic information on normal structure and function of skin, to accomplish the use of appropriate dermatologic terminology during evaluation of cutaneous alterations, to afford necessary knowledge and skills for the diagnosis, treatment and follow up of frequently encountered dermatologic and venereologic diseases in our country and to integrate this approach with the knowledge, attitudes and skills already acquired in the first 3 years of medical school for clinical practice.					
Learning Outcomes	At the end of this clerkship students will be able to: <ul style="list-style-type: none"> · obtain patient history, · perform a stepwise basic dermatologic examination (cutaneous and mucosal) - present PE findings in a logical and concise manner and with appropriate dermatologic terminology. · develop a problem-oriented method of patient evaluation. · diagnose and plan treatment for frequently encountered dermatologic and venereologic diseases · provide appropriate general recommendations for the patient · sense or recognize and consult for rarely encountered dermatologic and venereologic disorders · evaluate the risk/benefit ratio of medical therapeutics and dermatologic interventions. · observe minor and major dermatologic interventions, including dermatoscopy, biopsy, excision, wound care, cryotherapy, electrosurgery, phototherapy and laser surgery · become familiar with humanistic and ethical considerations involved in patient care. · develop conduct and behavior appropriate for a medical professional. · develop a medical curiosity which will stimulate to continue a life-long system of self-education. · develop an evidence-based approach to medical management 					
Educational methods	Theoretical lecture Interactive learning sessions Case Discussions Outpatient clinical skills Practice in the operating and laser surgery room					
Assessment methods	Clinical performance assessment Structured oral examinations					

Clerkship	Year	Code	Theoretical (Hour)	42	Credit	ECTS
			Practical (Hour)	50		
Radiology	5	MED 507	Preparation (Hour)	25	5	5
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Vuslat Sema ÜNAL; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr					
Clerkship Coordinators	Prof. Simay ALTANKARA Prof. Eşref KIZILKAYA					
Academic Staff	<p>Radiology Simay ALTANKARA, M.D., Prof. Ercan KARAARSLAN, M.D., Prof. Özlem SAYGILI, M.D., Prof. Alp DİNÇER, M.D., Assoc.Prof. Ümit ÖZCAN, M.D., Assoc.Prof. Erdem YILDIZ, M.D., Assist.Prof. Özden Sıla ULUS, M.D., Assist.Prof.</p> <p>Radiation Oncology Enis ÖZYAR, M.D., Prof. Melahat GARİPAĞAOĞLU, M.D., Prof. Meltem SERİN, M.D., Prof. Meriç ŞENGÖZ, M.D., Assoc. Prof. Banu ATALAR, M.D., Assoc. Prof. Gamze UĞURLUER, M.D., Assist. Prof. Evrin Kadriye TEZCANLI, M.D., Instructor</p>					
Duration	3 weeks					
Educational Methods	Radiological reporting, Demonstration of radiological examinations. Case and algorithm discussions. Summary of basic radiological findings.					
Course Aims	This course aims to define: Radiological anatomy, types of radiological examinations, common radiological algorithms, radiological reports and their impact on medicine					
Learning Outcomes	By the end of this clerkship, the students will be able to: · understand radiological anatomy · differentiate between radiological modalities · understand a radiological report · describe basic radiological findings · understand radiological algorithms					
Assessment Methods	Oral and written exams, performance assessment					

Clerkship	Year	Code	Theoretical (hours)	30	National credits	ECTS
			Practical (hours)	80		
Orthopedics and Traumatology Physical Medicine and Rehabilitation	5	MED 508	Study time (hours)	48	8	8
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year coordinators	Prof. Vuslat Sema ÜNAL; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr					
Clerkship coordinator	Prof. Ufuk NALBANTOĞLU Assoc. Prof. Ayçe ATALAY Assist. Prof. Can GEMALMAZ					
Academic Units & Staff	<p>Orthopedics and Traumatology: Metin TÜRKMEN, M.D., Prof, Chairman Ahmet Alanay, M.D., Prof. Nadir Şener, M.D., Prof. Servet Aydın YÜCETÜRK, M.D., Prof. Burak BEKSAÇ, M.D., Prof. Vuslat Sema ÜNAL, M.D., Prof. Ufuk NALBANTOĞLU, M.D., Prof. Taner Güneş M.D. Prof. Umut AKGÜN, M.D., Assoc. Prof. Fatih DİKİCİ, M.D., Assoc. Prof. Mehmet Uğur ÖZBAYDAR, M.D., Assoc. Prof. Sezgin SARBAN, M.D., Assoc. Prof. Bariş KOCAOĞLU, M.D., Assoc. Prof. Feridun Çilli M.D. Assoc. Prof. Hüseyin Arel GERELİ, M.D. Assist. Prof. Halil Can GEMALMAZ, M.D., Assist. Prof. Tekin Kerem ÜLKÜ, M.D., Instructor</p> <p>Physical Medicine and Rehabilitation Zeynep GÜVEN, M.D., Prof, Chairman Selda ÖZÇIRPICI, M.D., Prof. Şule ARSLAN, M.D., Prof. Reyhan ÇELİKLER, M.D., Prof. Tolga AYDOĞ, M.D., Prof. Ayçe ATALAY, M.D., Assoc. Prof. Meral Bayramoğlu M.D. Assoc Prof.</p>					
Duration	5 weeks					
Aim	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. 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.					

<p>Learning outcomes</p>	<p>By the end of this clerkship, the students will be able to:</p> <ul style="list-style-type: none"> · Perform basic musculoskeletal system examination, differentiate normal conditions, and define physical findings in universal terminology · Diagnose musculoskeletal system diseases, identify traumatic injuries, high risk trauma patients, be able to refer appropriate patients to specialized tertiary centers and define musculoskeletal emergencies. · Choose imaging techniques to diagnose musculoskeletal system disorders and assess x-rays, USG, CT and MRI sections. · Obtain basic principles of differential diagnosis in musculoskeletal system disorders by processing the clinical, laboratory, radiological findings · List ATLS guidelines, and be able to do first aid in traumatic situations · List common complications of fractures and dislocations and summarize their classifications and basic management principles · Perform basic splinting and bandaging techniques, manage to transfer trauma patients in optimal conditions · Describe the indications for surgical treatment of fractures and dislocations . · Define congenital and developmental pediatric orthopedic diseases, describe the types of cerebral palsy and basic principles of its rehabilitation. · Describe common sports injuries and summarize their treatment options, · Describe symptoms and physical findings of common musculoskeletal cancers, define screening protocol and refer these patients to appropriate centers, · Define diagnostic criteria of musculoskeletal system infections and inflammatory diseases, connective tissue disorders, explain the principles of their management, · Define common physical therapy and rehabilitation (PTR) modalities, orthoses, prostheses, main domains of gait analysis · Describe symptoms and physical findings of common neuromuscular degenerative diseases, main principles of geriatric rehabilitation and management · Define pain pathophysiology, basic principles of classification and summarize their management · Define neck and low back pain, evaluate and summarize their treatment principles · Describe the essentials of joint aspiration and injection techniques · Describe the basic principles of scrubbing, operation room standards, and designs · Describe main domains of rehabilitation · List the equipment and techniques of PTR applications · Describe the basic PTR exercise programs and how to recommend them to a patient
<p>Educational methods</p>	<p>Theoretical lecture Interactive learning session Literature review and presentations Practice in the operating and intervention room and PTR unit Practice in the sportsman health center Observation in the gait analysis laboratory</p>
<p>Assessment methods</p>	<p>Clinical performance assessment Written examination and /or structured oral examinations</p>

Clerkship	Year	Code	Theoretical (hours)	47	National credits	ECTS
			Practical (hours)	10		
Forensic Medicine	5	MED 509	Study time (hours)	22	4	3

Educational language	English
Course Type	Compulsory
Course Level	Undergraduate
Year coordinators	Prof. Vuslat Sema ÜNAL;vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr
Clerkship coordinator	Assoc. Prof. Işıl PAKIŞ
Academic Staff	Forensic Medicine: Oğuz POLAT, M.D., Prof. Işıl PAKIŞ, M.D, Assoc. Prof.
Duration	2 weeks
Aim	This course aims to provide knowledge about the forensic medical procedure, autopsy, death, wounds, child abuse, domestic violence, physicians' legal responsibilities, medical malpractice.
Learning outcomes	By the end of this clerkship, the students will be able to: <ul style="list-style-type: none"> · Identify problems dealing with forensic medicine and resolve that problems using with correctly applied different concepts. · Define forensic medicine and how forensic medicine works, · Describe differences between forensic science and forensic medicine · Diagnose forensic cases, perform forensic medical procedure, · Perform a proper forensic report · Define autopsy procedure and autopsy types, · Describe what does death mean, types of death, early and late evidences of the death, organ transplantation procedure · Describe forensic psychiatric principles · Describe what does domestic violence mean, types of domestic violence, the results of domestic violence · Describe what does violence against women mean, types of violence against women, the results of violence against women · Describe what does child abuse mean, types of child abuse, the results of child abuse · Define medical malpractice and to list types of medical malpractice · Analyze the relationship between forensic cases and penal codes · Describe classification of wounds, diagnose different types of wounds · Define what does asphyxia mean, types of asphyxia, evidences of asphyxia and to make differential diagnosis different types of asphyxia
Educational methods	Theoretical lecture Interactive learning session Practice in the autopsy
Assessment methods	Written examination Forensic report written examination Structured oral examinations

YEAR 5 LIST OF CLERKSHIP SESSIONS

Neurology

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Sign and symptoms in Neurology	1	G Karlıkaya
Headache	1	G Karlıkaya
Cerebrovascular disorders 1	2	D Kaya
Neurological examination	2	Y Kaya
Epilepsy	2	F Arman
Neuromuscular disorders	2	P Dikmen
CNS Infections	1	M. Aksu
Sleep physiology and disorders	1	M. Aksu
Extrapyramidal disorders	1	Ç Doğulu
Demantia	1	Ç Doğulu
Neurological emergencies- Diagnostic tools in neurology	1	Y Kaya
Neurological Complications of Systemic Disorders	1	Y Kaya
Coma and mental alterations	1	A Kocaman
Demyelinating disorders	1	A Kocaman
Cranial neuropathies	1	E Aydınlar
Peripheral neuropathies	1	E Aydınlar

Neurosurgery

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Diagnostic Technologies in Neurosurgery	2	M N Pamir
Raised intracranial pressure	2	M N Pamir
Intracranial vascular malformations	2	K Özduvan
Cranial trauma and complications	2	K Özduvan
Intracranial tumors	1	K Özduvan
Hydrocephalus	1	Ö Özek
Spinal dysraphism	1	Ö Özek
Encephalocelles	1	Ö Özek
Pseudotumor cerebri	1	M Güdük
Craniosynostosis	1	M Güdük
Subarachnoid hemorrhage	1	Z Berkman
Cerebral aneurysms	1	Z Berkman
Spinal cord compression syndroma and spinal trauma	1	S Özgen
Degenerative spinal disease	1	S Özgen
Central nervous system infections	1	İ Sun
Peripheral nerve surgery	1	İ Sun
Craniovertebral junction anomalies	1	İ Sun
Phacomatoses	1	İ Sun

Psychiatry

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Psychiatric signs and symptoms	2	B Yavuz
Mental Status Examination	2	B Yavuz
Psychiatric Disorders due to General Medical Condition	2	F Doğan
Psychiatric Emergencies	2	K Ögel
Substance Related Disorders	2	K Ögel
Mood Disorders	2	C İncesu
Anxiety Disorders	2	C İncesu
Personality Disorders	1	C İncesu
Sexual Disorders	2	C İncesu
Schizophrenia	1	B Yavuz
Other Psychotic Disorders	1	B Yavuz
Somatoform Disorders	1	B Yavuz
Eating Disorders	1	E Orhan
Psychotherapy	1	E Orhan
Psychopharmacology	2	F Doğan
Child and Adolescent Psychiatry Attention Defiect Hyperactivity Disorder/ODD	1	A Önal
Child and Adolescent Psychiatry Pervasive Developmental Disorders	1	A Önal
Child and Adolescent Psychiatry enuresis/encopresis/depression	1	A Önal
Child and Adolescent Psychiatry Tic Disorders/Speech Disorders	1	A Önal
Trauma/Breavement	1	N Sarp
Psychooncology	1	E Başöz

Dermatology

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Introduction to Dermatology	2	E Sezer
Non-melanoma skin cancers	1	E Sezer
Phototherapy	1	E Sezer
Bacterial Infections of the Skin	1	İ E Aydınöz
Parasitic Infestations of the Skin	1	İ E Aydınöz
Pigmentary Disorders	1	İ E Aydınöz
Fungal Infections of the Skin	1	D Duman
Atopic and Seborrheic Dermatitis	1	D Duman
Bullous diseases	1	D Duman
Pruritus	1	D Duman
Acne Vulgaris and Acne Rosacea	1	E Ö Durmaz
Syphilis and Other Sexually Transmitted Disorders	2	E Ö Durmaz
Differential Diagnosis of Genital Lesions	1	E Ö Durmaz
Autoimmune connective Tissue Diseases	1	E Ö Durmaz
Urticaria and Angioedema	1	Y Erdemoğlu
Etrythema Multiforme	1	Y Erdemoğlu
Behcet's disease	1	Y Erdemoğlu
Viral Infections of the Skin	1	Ö Bakar
Drug reactions	1	Ö Bakar
Principles of Topical Treatment in Dermatology	1	Ö Bakar

Benign Skin Tumors	1	S Şahin
Malignant melanoma and lymphoma	2	S Şahin
Erythroderma	1	S Şahin
Papulosquamous Skin Disorders	2	Y Saray
Contact Dermatitis	1	Y Saray
Cutaneous Signs of Systemic Disease	1	Y Saray

Radiology

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Breast Radiology	3	G İçten
Genitourinary Radiology	4	E. Yıldız
Cardiac Radiology	2	Ö. Saygılı
Pediatric thorax radiology	2	Ö. Saygılı
Thorax radiology	2	Ü. Özcan
Abdominal radiology	2	Ü. Özcan
Musculoskeletal radiology	4	E. Karaarslan
Neuroradiology	1	S. Kara
Pediatric neuroradiology	1	S. Kara
Head and neck	1	S. Kara
Spine	1	S. Kara
Radiotherapy: General information	2	B. Atalar
Role of Radiotherapy in management of multimodal cancer care I-II	2	M. Garipağaoğlu
Radiotherapy acute and chronic side effects	2	M. Şengöz
Radiation Accidents	2	E. Özyar

Otolaryngology, Head and Neck Surgery

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Epistaxis	1	G Güvenç
Sore throat	2	G Güvenç
Audiology and vestibular examination	2	Ş Polat
Nasal obstruction	1	Ş Polat
Vertigo /Dizziness	2	H Özkarakaş
Hearing loss	2	A Ulubil
ENT examination	2	L Erişen
Head and Neck masses & Cancer	2	L Erişen
Dyspne	2	E Emre
Facial plastic surgery	2	T Erdem
Dysphagia	1	E Aksoy
Maxillo-facial trauma	2	E Aksoy
Hoarseness	2	İ E Emre
Snoring and OSA	2	H Tanyeri
Facial paralysis	1	A Koç
Otalgia	1	A Koç
Facial pain and Rhinorhea	2	G M Serin
Evaluation of clerkship	1	G M Serin

Orthopedics – Physical Medicine & Rehabilitation

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Basics in musculoskeletal imaging	1	S Sarban
ATLS guidelines, emergency care	1	V S Ünal
Physical examination of musculoskeletal system	1	K Ülkü
Traumatic injuries of the extremities I	1	K Ülkü
Neck and back pain	1	S Arslan
Low back pain	1	R Celiker
Seronegative spondyloarthropathies	1	A Atalay
Pain and management of painful disorders	1	A Atalay
Principles of Rehabilitation	1	T Aydoğ
Neurologic Rehabilitation	1	T Aydoğ
Osteoarthritis	2	Z Güven
Obstetric trauma and congenital anomalies	2	B Kocaoğlu
Pediatric fractures and child abuse	1	U Akgün
Fracture Treatment	1	A Gereli
Spinal Deformities	1	B Kocaoğlu
Neuromuscular diseases	1	A Alay
Sports traumatology and arthroscopic surgery	1	M U Özbaydar
Surgical treatment of arthrosis	1	B Bekaç
Upper extremity pain disorders	1	S Özçirpici
Lower extremity pain disorders	1	T Aydoğ
Fibromyalgia and myofascial pain	1	S Özçirpici
Inflammatory joint disorders	1	M Bayramoğlu
Ortho Review	4	U Nalbantoğlu
Principles of Rehabilitation	1	T Aydoğ
Neurologic Rehabilitation	1	M Bayramoğlu
Osteoarthritis	2	Z Güven

Ophthalmology

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Anatomy and physiology of the eye	1	C B Cosar
Refractive errors	1	C B Cosar
Cornea	1	C B Cosar
Lens	1	C B Cosar
Glaucoma	1	A R C Çelebi
Eyelid	1	A R C Çelebi
Uvitis	1	A R C Çelebi
Lacrimal drainage system	1	A R C Çelebi
Conjunctiva, episclera, sclera	1	E Kılavuzoğlu
Strabismus	1	E Kılavuzoğlu
Trauma	1	E Kılavuzoğlu
Orbita and ocular tumors	1	E Altıparmak
Neuroophthalmology	1	E Altıparmak
Retinal detachment and retinal vascular diseases	1	A Özkırış
Acquired macular diseases and hereditary fundus dystrophies	1	A Özkırış
Overview	1	E Kılavuzoğlu

Forensic Medicine

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Basics of Forensic Medicine	1	O Polat
The differences between Forensic Medicine and Forensic Sciences	1	O Polat
Forensic Medicine in Turkey	1	O Polat
Description of Death	1	I Pakiř
Early and Late Postmortem changes	1	I Pakiř
Crime Scene Investigation, Identification	1	I Pakiř
Forensic death evaluation, Forensic autopsy	1	I Pakiř
Family Violence	1	O Polat
Child Abuse and Neglect	1	O Polat
Sexual Abuse of Child	1	O Polat
Elder abuse	1	O Polat
The Pathology of wounds	1	I Pakiř
Blunt Trauma wounds	1	I Pakiř
Wounds Caused by pointed and sharp-edged weapons	1	I Pakiř
Gunshot wounds	1	I Pakiř
Slide seminar of wounds	1	I Pakiř
Mobbing	1	O Polat
Human rights violation and torture	1	O Polat
Reporting the violence cases	2	O Polat
Autopsy video	2	I Pakiř
Asphyxia 1(Suffocation, strangulation, suffocation)	2	O Polat

Accidents 1 (Transportation accidents	2	O Polat
Reporting the autopsy cases	3	I Pakiř, Ü İnce
The origins of death	1	O Polat
Homicides	1	O Polat
Sexual Homicides	1	O Polat
Reporting the homicide cases	1	O Polat
Legal responsibilities of physicians	1	I Pakiř
Classification of Medical Malpractice	1	I Pakiř
Difference between complication and medical malpractice	1	I Pakiř
Medical Malpractice in Turkey	1	I Pakiř
Suicides	1	O Polat
Reporting the of suicide cases	1	O Polat
Differentiation between natural and unnatural deaths	1	O Polat
Poisoning	1	I Pakiř
Drug related deaths	1	I Pakiř
Forensic aspects of alcohol	1	I Pakiř
Sexual violence and medico-legal approach	1	O Polat
Evaluation of sexual violence cases	1	O Polat
Forensic psychiatry t	1	O Polat
Forensic Psychiatry and legal Regulations	1	O Polat
Sudden unexpected child deaths	1	I Pakiř
Case-discussion (Clinical Rounds)	2	Y I Ülman, I Pakiř



YEAR

5

CELL

WORK

SHIPS

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Gastroenterology	5	MED 551	135	5	5
Prerequisite	None				
Educational language	English and Turkish				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Bahattin ÇİÇEK				
Academic Units & Staff	Gastroenterology: Nurdan TÖZÜN, M.D., Prof. Orhan TARÇIN, M.D., Prof. Bahattin ÇİÇEK, M.D., Prof. Eser VARDARELİ, M.D., Assoc. Prof. Arzu TİFTİKÇİ, M.D., Assoc. Prof. Aysun BOZBAŞ, M.D.				
Duration	3 weeks				
Aim	To enhance the student's knowledge of gastrointestinal pathophysiology and hepatic pathophysiology and ability to diagnose and treat common gastroenterological disorders.				
Learning Outcomes	To enable the student to provide to colleagues an understanding of: <ul style="list-style-type: none"> · The causes of gastrointestinal bleeding, the differential diagnosis of upper and lower GI bleeding, and a related treatment plan. · The causes of obstructive jaundice, the differential diagnosis, and a related treatment plan. · The causes of hepatitis, the differential diagnosis, and a related treatment plan. · The causes of odynophagia, the differential diagnosis, and a related treatment plan. · To enable the student to recognize common endoscopic findings such as esophagitis, esophageal varices, gastric and duodenal ulcers, and colitis. · The indications for surgery and its management in the more commonly encountered gastrointestinal disorders 				
Educational Methods	Lecture and practice				
Assessment Methods	1. Case discussions 2. Patient reports recorded by students 3. Case-based exam questions				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Nephrology	5	MED 552	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Ülkem ÇAKIR, M.D, Prof.				
Clerkship sub-coordinators	Ahmet ÇAKIROĞLU, M.D., Instructor.				
Academic Units & Staff	Nephrology: Ülkem ÇAKIR, M.D., Prof. Ahmet ÇAKIROĞLU, M.D., Instructor				
Duration	3 weeks				
Aim	<p>Aim of this course are as follows;</p> <ul style="list-style-type: none"> To focus is on the diagnosis and management of patients with acute and chronic renal disease under close supervision of faculty. To elaborate on the principles of fluid and electrolyte therapy as well as the diagnosis and management of hypertension To manage acute medical problems of the patients with kidney problems including serious infections, cardiovascular, gastrointestinal and neurologic emergencies. 				
Learning Outcomes	<p>By the end of this course, students will be able to;</p> <p>State diagnostic and therapeutic approach to:</p> <ul style="list-style-type: none"> Acute and chronic kidney disease which includes: An elevated serum creatinine or reduced eGFR, acute oliguria, proteinuria and hematuria from asymptomatic abnormalities to nephrotic syndrome, differentiating glomerular from non Glomerular disease, and causes, diabetic nephropathy, primary and secondary hypertension Clinical abnormalities of serum sodium-potassium concentration. Clinical abnormalities of acid-base disorders Clinical abnormalities of pregnancy associated renal functions The principle of dialysis, and indications for initiation Kidney transplantation: Pretransplant work-up and posttransplant follow-up Manage patients receiving fluids, acute intermittent hemodialysis or continuous renal replacement therapy. Evaluate end-stage renal disease patients and choose the optimal renal replacement treatment modality (dialysis versus transplantation). Observe a wide array of acute and chronic general medical problems plus learn about dialysis and associated complications and management -Consults include patients with acute or chronic kidney disease (not previously receiving chronic renal replacement therapy, electrolyte, acid-base abnormalities or complex hypertension). 				
Educational Methods	Practice in the clinic				
Assessment Methods	Case discussions Patient reports recorded by students Case-based exam questions				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Oncology	5	MED 553	135	5	5
Prerequisite	The student should completed 4 th year Internal Medicine clerkship successfully.				
Educational language	English and Turkish				
Course Type	Elective/Compulsory				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Gül BAŞARAN				
Academic Units & Staff	Oncology: Gül BAŞARAN , M.D., Prof.				
Duration	3 weeks				
Aim	<ul style="list-style-type: none"> · To focus on the diagnosis and management of patients with oncological emergencies · To elaborate on the principles of chemotherapy administration · To manage acute medical problems of the patients receiving chemotherapy · Evaluation and management of cancer related pain 				
Learning Outcomes	<p>By the end of this course, students will be able to state diagnostic and therapeutic approach to:</p> <ul style="list-style-type: none"> · Common cancers (breast cancer, lung cancer, gastrointestinal cancers, sarcomas, prostate cancer, gynecological cancers) · Oncological emergencies · Chemotherapy related medical problems · Cancer related pain 				
Educational Methods	<p>Students will:</p> <ul style="list-style-type: none"> · Participate as a team member on inpatient oncology consult service potentially with one other student and oncology attending · Manage patients receiving chemotherapy. · Attend at least half day oncology outpatient clinic with an assigned oncologist. Patients seen include new referrals or follow ups with malignant disease. · Observe a wide array of acute and chronic general medical problems plus learn about chemotherapy and associated complications and management. · Attend formal weekly scheduled teaching sessions and weekly general tumor rounds where the student may be asked to present a topic of their choice. 				
Assessment Methods	<ul style="list-style-type: none"> · Case discussions · Patient reports recorded by students · Case-based exam questions 				

Clerkship	Year	Code	Student Workload (Hours)	National Credits
General Surgery	5	MED 554	135	5
Prerequisite	None			
Educational language	English			
Course Type	Elective			
Course Level	Undergraduate			
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr			
Clerkship Coordinator	Prof. Bilgi BACA			
Clerkship sub-coordinators	Prof. Bilgi BACA			
Academic Staff	Surgery: Cihan URAS, M.D., Prof. Deniz BÖLER, M.D., Assoc. Prof.			
Duration	3 weeks			
Aim	<ul style="list-style-type: none"> · To expand the students' knowledge in management of malignant and benign breast diseases, how to manage the patients in the Clinic, and learn the indications for different types of surgery. · To expand their knowledge in management of malignant and benign gastrointestinal system diseases, how to manage the patients in the Clinic, and learn the indications for different types of surgery. 			
Learning Outcomes	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> · Define how to manage patients with benign breast diseases in the Clinic, · Define how to manage patients with malignant breast diseases, · Describe the indications of different types of surgical procedures in patients with breast cancer. · be familiar to anatomy of the gastrointestinal system, · learn to analyze the gastrointestinal signs and symptoms · learn the indications of different types of surgical procedures in patients with gastrointestinal system diseases, · learn how to manage patients with gastrointestinal system diseases in the clinic, 			
Educational Methods	Patient management in the Clinic (how to examine the patient), Assist the surgical procedures in the Operating Room, Attend at the Breast Oncology Multidisciplinary Meetings.			
Assessment Methods	Oral exam (case discussion, patient presentation), Paper presentation			

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Plastic Reconstructive & Aesthetic Surgery	5	MED 555	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Ferit DEMİRKAN				
Academic Units & Staff	Department of Plastic Reconstructive & Aesthetic Surgery Aydın SARAY, M.D., Prof., Chairman Ferit DEMİRKAN, M.D., Prof. Cengiz AÇIKEL, M.D., Prof. Şükrü YAZAR, M.D., Prof. Halil İbrahim CANTER, M.D. , Ph.D., Prof. Kahraman Berkhan YILMAZ, M.D., Assist. Prof.				
Duration	3 weeks				
Aim	Aims of the Plastic Surgery Clerkship are as follows; <ul style="list-style-type: none"> · To provide necessary knowledge about etiology, clinical signs and symptoms, differential diagnosis and treatment of disorders that Plastic Surgery deals with. · To join the students to the clinical applications. · To link theoretical knowledge with everyday practice. · To teach evaluation of elective & emergent cases and application of essential theuropathic procedures 				
Learning Outcomes	By the end of this course, students will be able to: <ul style="list-style-type: none"> · Have ability of clinical history taking and physical examination of Plastic Surgery patients, such as hand problems, maxillofacial disorders, cleft lip-palate or aesthetic concerns. · Recognize the congenital anomalies related with Plastic Surgery, make their differential diagnosis and explain the parents the possible treatment options and mode of their genetic transmission. · Define critical pathways to approach to Plastic Surgery emergencies. · Be able to perform basic surgical procedures, such as suturing, stich removal and wound management 				
Educational Methods	Theoretical lectures Interactive learning session in practical hours Literature review and case presentations				
Assessment Methods	Structured oral examination				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Pediatric Cardiology	5	MED 556	135	5	5

Prerequisite	None
Educational language	English
Course Type	Elective
Course Level	Undergraduate
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Prof. Arda Saygılı
Academic Units & Staff	Pediatric Cardiology Unit Arda Saygılı, M.D, Prof
Duration	3 weeks
Aim	The main objective of the elective rotation is to provide the student with a basic understanding of pathophysiology, diagnosis and management of common forms of congenital and pediatric heart disease. Students will participate in daily teaching rounds, attend pediatric cardiology outpatient clinics, observe procedures such as diagnostic and interventional cardiac catheterization, echocardiography.
Learning Outcomes	<ul style="list-style-type: none"> · By the end of this course, students will be able to: · management of common forms of congenital and pediatric heart disease · if possible to prepare, write and submit a case report on a patient(s) who is diagnosed with a congenital heart disease.
Educational Methods	Personal collaboration
Assessment Methods	Assesment of the clinical practice and observation of interventional procedure

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Pediatric hematology-oncology	5	MED 557	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Cengiz CANPOLAT				
Clerkship Subcoordinators	Assist. Prof. Ertuğrul ERYILMAZ Instructor Ebru SARIBEYOĞLU				
Academic Units & Staff	Ertuğrul ERYILMAZ, M.D., Assist. Prof. Ebru SARIBEYOĞLU, M.D., Inst.				
Duration	3 weeks				
Aim	<ul style="list-style-type: none"> · To gain theoretical and practical knowledge about the main topics of Pediatrics and Pediatric Hematology-Oncology. · To use basic knowledge for differential diagnosis. · To obtain practical experience by using the theoretical knowledge that has been gained during the first four years. · To develop the understanding of signs and symptoms via examination of different patients. · To interpret the laboratory results efficiently for diagnosis. · To understand the main approaches of the patient-doctor relationship. 				
Learning Outcomes	After this training period, the student will be able to use his/her theoretical knowledge about the main topics of Pediatrics and Pediatric Hematology-Oncology in practical areas.				
Educational Methods	Lectures (x) Clinical Skills (x) Ward rounds-outpatient clinics (x) Problem Based Learning Case Discussions (x)				
Assessment Methods	Clinical Performance Assessment (x) Written Exam Structured Oral Exam				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Pediatric Endocrinology	5	MED 558	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Serpil SEMİZ				
Academic Units & Staff	Pediatric oncology Serpil SEMİZ, M.D., Prof.				
Duration	3 weeks				
Aim	After this training period, the student will be able to use his/her theoretical knowledge about the main topics of pediatrics and pediatric endocrinology in practical areas.				
Learning Outcomes	<p>At the end of this course students will be able to:</p> <ul style="list-style-type: none"> · gain theoretical and practical knowledge about the main topics of pediatrics and pediatric endocrinology. · use basic knowledge for differential diagnosis. · obtain practical experience by using the theoretical knowledge that has been gained during the first four years. · develop the understanding of signs and symptoms via examination of different patients. · interpret the laboratory results efficiently for diagnosis. · understand the main approaches of the patient-doctor relationship. 				
Educational Methods	Lectures Clinical Skills Ward rounds-outpatient clinics Problem Based Learning Case Discussions				
Assessment Methods	Clinical Performance Assessment Written Exam Structured Oral Exam				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Pediatric Genetics	5	MED 559	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Yasemin ALANAY				
Academic Units & Staff	Pediatric Genetics Unit Yasemin ALANAY, M.D., PhD, Prof				
Duration	3 weeks				
Aim	Aim of this course is to practice the basic skill of manuscript preparation and submission to a journal.				
Learning Outcomes	By the end of this course, students will be able to: · prepare, write and submit a case report on a patient(s) who is diagnosed with a genetic condition.				
Educational Methods	Personal collaboration				
Assessment Methods	Assesment of the manuscript prepared				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Emergency Medicine	5	MED 560	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Özgür KARCIOĞLU Assist. Prof. Serpil YAYLACI				
Clerkship sub-coordinators	Veysel BALCI, M.D. Serkan ŞENER, M.D., Assoc. Prof.				
Academic Units & Staff	Emergency Medicine Özgür KARCIOĞLU, M.D., Prof. Serpil YAYLACI, M.D., Assist. Prof. Serkan ŞENER, M.D. Assoc. Prof. Veysel BALCI, M.D.				
Duration	3 weeks				
Aim	Aims of this course are as follows; <ul style="list-style-type: none"> · make students familiar with the patient profiles in department of emergency medicine. · take part in the diagnostic approaches, emergency interventions and clinical applications. · link theoretical knowledge with everyday practice. · join in the clinical rounds and discussion on the management of emergency patient and acute medicine. 				
Learning Outcomes	By the end of this course, students will be able to: <ul style="list-style-type: none"> · Understand key points in the management of the emergency patient, · take history and perform general physical examination of the ill and injured · Understand strategies in the differential diagnosis and treatment in the emergency setting. · Organize a patients' portfolio of at least six patients managed acutely in the emergency department and admitted into hospital. 				
Educational Methods	Shadowing the attending emergency physician, taking part in clinical practice. (may include day and night shifts)				
Assessment Methods	Portfolio, performance assessment.				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Clinical Microbiology	5	MED 561	135	5	5
Prerequisite	None				
Educational language	Turkish				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Assoc..Prof.Işın AKYAR				
Academic Staff	Microbiology: Işın AKYAR, M.D., Assoc. Prof.				
Duration	3 weeks				
Aim	To give a perspective information about clinical microbiology				
Learning Outcomes	By the end of this course, students will be able to: <ul style="list-style-type: none"> · Perform clinical sample preparation and transportation of microbiology samples. · Perform microbiologic culturing techniques · Define methods of serological tests. · Define methods of molecular microbiology tests · Evaluate the results of the microbiologic tests 				
Educational Methods	Lecture and practice				
Assessment Methods	Practice and attendance				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Cardiology	5	MED 562	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Tuğrul Norgaz Prof. A. Duran Demir				
Academic Staff	Cardiology: Tuğrul NORGAZ, M.D., Prof. Sinan DAGDELEN, M.D., Prof. Şevket GÖRGÜLÜ, M.D., Prof. İlke SİPAHİ, M.D., Prof. Ahmet AKYOL, M.D., Prof. Seden ÇELİK, M.D., Prof. Tansu KARAAHMET, M.D., Assoc. Prof. Ali BUTURAK, M.D., Assist. Prof.				
Duration	3 weeks				
Aim	Aims of the present course are as follows; · make students familiar with cardiology clinic. · join to the clinical applications. · link theoretical knowledges with everyday practice. · learn evaluation and theuropathic procedures for elective and emergent cardiac conditions.				
Learning Outcomes	By the end of this course, students will be able to: · Performa clinical history taking and physical examination of cardiac patients. · Apply and interpret of noninvazive cardiac tests together with professionals · Perform cardiac diferantial diagnosis and treatment. · Define critical pathways to approach to cardiac emergencies.				
Educational Methods	Clinical practice				
Assessment Methods	Oral examination				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Family Medicine	5	MED563	135	5	5
Educational language	English				
Course Type	Elective clinical clerkship				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Pınar TOPSEVER, M.D., Assoc. Prof.				
Clerkship Subcoordinators	Assist. Prof.Efe ONGENER Instructor Şirin PARKAN				
Academic Units & Staff	Department of Family Medicine and academically affiliated family health units: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D.,Instructor Şirin PARKAN , M.D.,Instructor Sabah Tüzün Erhan SAYALI Senem Aslan TANGÜREK Bayram AKMAN Emrah KIRIMLI Ali Osman ÖZTÜRK				
Duration	3 weeks				
Aim	To gain the contextual, attitudinal and scientific abilities necessary for the clinical practice of family medicine in primary health care				
Learning Outcomes	<ul style="list-style-type: none"> · be aware of and manages patients with first contact to health care · Makes efficient use of health care resources · Displays a person centered approach · Promotes patient empowerment · Communicates effectively, experiences and participated in the unique consultation process establishing a trusted doctor patient relationship over time · Experiences and participates in provision of longitudinal continuity of care driven by health care needs of the patient · Distinguishes between specific clinical decision making process determined by prevalence and incidence in the community (low prevalence medicine) and clinical decision making in (high prevalence) secondary and tertiary care · Has experienced simultaneous management of both, acute and chronic health problems of individual patients · Can distinguish and initially management illness presenting in an undifferentiated way at an early stage, which may require urgent intervention – triage · Promotes health and well being of individuals in the community by appropriate and effective intervention – preventive care · Assumes a specific responsibility for the health of the community · Deals with health problems in their physical, psychological, social, cultural and existential dimensions. 				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Sleep Disorders	5	MED 564	135	5	5

Prerequisite	None
Educational language	English & Turkish
Course Type	Elective
Course Level	Undergraduate
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Çağlar Çuhadaroglu MD. Prof.,
Academic Units & Staff	Çağlar ÇUHADAROĞLU, MD. Prof., HasanTANYERİ, MD., Prof., Yavuz B M.D., Assist.Prof. Golabi P M.D., Instructor
Duration	3 weeks
Aim	This elective clerkship aims to give an opportunity to the student as follows; <ul style="list-style-type: none"> · a short introduction to sleep disorders · to gain knowledge about impact of sleep onto other disorders · to practice in a sleep laboratory
Learning Outcomes	By the end of this course, students will be able to: <ul style="list-style-type: none"> · Define the sleep disorders · Differentiate reason of day time sleepiness · Evaluate the polysomnography report · Decide to proper treatment for sleep disordered breathing
Educational Methods	Theoretical courses Sleep laboratory practice Outpatients Operating room observation

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Occupational Health and Safety	5	MED 565	135	5	5
Prerequisite	None				
Educational language	Turkish & English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Nadi BAKIRCI, M.D., Ph.D., Prof. Çağlar ÇUHADAROĞLU, M.D., Prof				
Clerkship Subcoordinator	Assoc. Prof. Figen DEMİR				
Academic Units & Staff	Public Health Nadi BAKIRCI, M.D., Ph.D., Prof. Figen DEMİR, M.D., Ph.D., Assist., Prof. Pulmonary Diseases Çağlar ÇUHADAROĞLU, M.D., Prof Hilal ALTUNÖZ, M.D., Ph.D., Instructor				
Duration	3 weeks				
Aim	This clerkship aims to create a learning opportunity for students to develop the knowledge and skills related to occupational health and safety. The students will be able to observe the occupational hazards and control methods in the workplaces.				
Learning Outcomes	By the end of this course, students will be able to: <ul style="list-style-type: none"> · identify health and safety hazards in workplace · list the prevention efforts regarding occupational health · find solutions to health and safety problems · describe the actions to be taken when an injury occurs in the workplace 				
Educational Methods	Case analyse and field study.				
Assessment Methods	Portfolio and performance assessment.				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Anesthesiology and Reanimation	5	MED 566	135	5	5
Prerequisite	None				
Educational language	English and Turkish				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Assist. Prof. Serpil Ustalar OZGEN				
Clerkship sub-coordinators	Assist. Prof. Z Serpil Ustalar OZGEN				
Academic Units & Staff	Anesthesiology and Reanimation: Özcan ERDEMLİ, M.D, Prof. Sibel AKÖZER, M.D, Assoc. Prof. Meltem Açıl, M.D, Instructor. Muharrem KOÇYİĞİT, Instructor.				
Duration	3 weeks				
Aim	The aim of the course is to provide an integrated knowledge and skills of establishing airway maintenance, to teach differences in methods of anesthesia, to provide basic principles of algology, critical care and cardiopulmonary resuscitation				
Learning Outcomes	At the end of the course, students should be able to: · Define fields of anesthesia and understand different methods of anesthesia · Obtain basic knowledge and skills of establishing airway maintenance and vascular access · Recognize basic principles of anesthetic management for various patients undergoing different surgical procedures in and outside the operating theater · Become familiar with algology and critical care units · Have the skills of applying basic and advanced life support according to international guidelines				
Educational Methods	Theoretical and practical lectures, case discussions, and bed side training.				
Assessment Methods	1. Case discussions 2. Patient reports recorded by students 3. Case-based exam questions				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Dermatology	5	MED 567	135	5	5
Prerequisite	Completion of Dermatology Clerkship program				
Educational language	English and Turkish				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Emel Öztürk DURMAZ				
Clerkship sub-coordinators	Assoc. Prof. Engin SEZER Prof. Sedef ŞAHİN				
Academic Units & Staff	Dermatology Sedef ŞAHİN, M.D., Prof. Emel Öztürk DURMAZ, M.D., Prof. İkbal Esen AYDINGÖZ, M.D., Prof. Engin SEZER, M.D., Prof. Yasemin SARAY, M.D., Assoc. Prof. Emel GÜNGÖR, M.D., Assoc. Prof. Özgür BAKAR, M.D., Assist. Prof. Deniz DUMAN, M.D., Assist. Prof.				
Duration	3 weeks				
Aim	The purpose of elective Dermatology Clerkship is to accomplish the use of appropriate dermatologic terminology during evaluation of cutaneous alterations, to afford necessary knowledge, training, experience and skills for the diagnosis, treatment, follow up and prevention of frequently encountered dermatologic and venereologic diseases and to integrate this approach with the knowledge, attitudes and skills already acquired in the first 3 years of medical school for clinical practice.				

<p>Learning Outcomes</p>	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> · Obtain relevant history, perform a stepwise basic dermatologic examination (cutaneous and mucosal) and then present these findings in a logical and concise manner and with appropriate dermatologic terminology. · Develop a problem-oriented method of patient evaluation. · Diagnose and plan treatment for frequently encountered dermatologic and venereologic diseases · Provide appropriate general recommendations for the patient · Sense or recognize and consult for rarely encountered dermatologic and venereologic disorders · Evaluate the risk/benefit ratio of medical therapeutics and dermatologic interventions. · Gather further knowledge and experience and witness minor and major dermatologic interventions, including dermatoscopy, biopsy, excision, wound care, cryotherapy, electrosurgery, phototherapy and laser surgery · Become familiar with humanistic and ethical considerations involved in patient care. · Develop conduct and behavior appropriate for a medical professional. · Develop and encourage a medical curiosity which will stimulate the student to continue a life-long system of self-education. · Develop an evidence-based approach to medical management
<p>Educational Methods</p>	<p>Interactive learning sessions Case Discussions Seminars Outpatient clinical skills Practice in the operating and laser surgery room</p>
<p>Assessment Methods</p>	<p>Clinical performance assessment</p>

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Neurosurgery -1 (Neurooncology)	5	MED 568	135	5	5
Prerequisite	Successfully completed the 4. grade				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof Selçuk Peker				
Clerkship sub-coordinators	Assoc Prof Meriç Şengöz				
Academic Staff	Selçuk Peker, M.D, Prof. Meriç Şengöz, M.D, Assoc. Prof. Meltem Yılmaz, Physicyst				
Duration	3 weeks				
Aim	<ul style="list-style-type: none"> · To learn the indications, practice and results of Gamma Knife Radiosurgery · To observe the GKRS treatment · Stereotactic neurosurgery clinical applications · To learn stereotactic biopsy · To be a co-author of a scientific article 				
Learning Outcomes	<ul style="list-style-type: none"> · By the end of this course, students will be able to: · Assist GKRS procedure · Assist Stereotactic biopsy procedure · Apply stereotactic frame application · To write a neurosurgical article 				
Educational Methods	Interactive learning session Practical applications				
Assessment Methods	Oral examinations				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Neurosurgery-2 Gamma knife radiosurgery and stereotactic neurosurgery	5	MED 569	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuşlat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Selçuk PEKER				
Clerkship sub-coordinators	Assoc. Prof. Meriç ŞENGÖZ				
Academic Units & Staff	Neurosurgery: Selçuk PEKER, M.D., Prof. Meriç Şengöz, M.D., Assoc. Prof. Meltem YILMAZ, Physicist				
Duration	3 weeks				
Aim	The aim of this course is to give the students a brief understanding of the indications, practice and results of Gamma Knife Radiosurgery, the GKRS treatment, Stereotactic neurosurgery clinical applications and stereotactic biopsy, besides to make them a co-author of a scientific article.				
Learning Outcomes	By the end of this course, students will be able to: · Assist GKRS procedure · Assist Stereotactic biopsy procedure · Apply stereotactic frame application · Write a neurosurgical article				
Educational Methods	Interactive learning session Practical applications				
Assessment Methods	Oral examinations				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Thoracic Surgery	5	MED 570	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof.Semih HALEZEROLU				
Clerkship sub-coordinators	Erdal OKUR, M.D., Assoc.Prof.				
Academic Units & Staff	Thoracic Surgery Departments' Academic Staff				
Duration	3 weeks				
Aim	To provide a platform and opportunities to the trainees for having a depth knowledge in thoracic surgical conditions both practically and theoretically.				
Learning Outcomes	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> · Understand the importance of lung cancer in the world, · Perform appropriate diagnostic tools and select the most appropriate treatment for different stages. · Perform to put a chest tube for pneumothorax or hemothorax. · Distinguish the bronchial orifices by bronchoscopy and understand the structural condition of human lung. 				
Educational Methods	Practical education and theoretical sessions				
Assessment Methods	Process evaluation during the training Oral examination at the end of the course				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Cardiovascular surgery	5	MED 571	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Cem ALHAN				
Clerkship sub-coordinators	Assoc. Prof. Şahin ŞENAY				
Academic Units & Staff	Cardiovascular Surgery: Cem ALHAN, M.D., Prof. Şahin ŞENAY, M.D., Assoc. Prof.				
Duration	3 weeks				
Aim	To train students by teaching them the basic cardiovascular operative techniques				
Learning Outcomes	By the end of this course, students will be able to: · Demonstrate the knowledge of indications, limitations, risks and techniques of basic cardiovascular operations including coronary bypass, valve procedure, aortic procedure				
Educational Methods	Case presentations, small group discussions, patient side training, operation room & intensive care unit oversership, literature review				
Assessment Methods	Oral exam				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Nuclear Medicine	5	MED 572	135	5	5
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Dr. Erkan VARDARELİ				
Clerkship Subcoordinators	Assist. Prof. Dr. Levent GÜNER				
Academic Units & Staff	Nuclear Medicine Erkan VARDARELİ, M.D., Prof. Levent GÜNER, M.D., Assist. Prof.				
Duration	3 weeks				
Aim	<ol style="list-style-type: none"> 1. To elaborate on the principles of nuclear medicine techniques and the usage of radioactivity in medicine 2. To focus is on the diagnosis of patients with oncologic disease 3. To manage of patients with treated with radionuclides 				
Learning Outcomes	<p>By the end of this course students will be able to;</p> <ul style="list-style-type: none"> · Prepare Radioactive materials and radionuclides preparation · Define Thyroid scintigraphy and clinical abnormalities of thyroid diseases · Define the principles of radionuclide therapy and radiation protection · Define the diagnosis, staging and evaluation of treatment response in Nuclear oncology · Understand the role of nuclear medicine in cardiology, genito- urinary system, neurology and skeletal system 				
Educational Methods	Lectures Case Discussions				
Assessment Methods	Clinical Performance Assessment Case based exam questions				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Laboratory animals in research	5	MED574	135	5	5
Prerequisite	To have a certificate for "Laboratory Animal Use"				
Educational language	Turkish				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Dr. Güldal SÜYEN				
Clerkship sub-coordinators					
Academic Units & Staff	Dept. of Physiology ACU-DEHAM Samed ÖZER DVM				
Duration	3 weeks				
Aim	ÖğTo provide basic knowledge and practice about laboratory animal research and to raise awareness about how the laboratory animals are used to answer a research question				
Learning Outcomes	By the end of this course, students will be able to: <ul style="list-style-type: none"> · count the properties of a good animal model · describe the basic principles of laboratory animal research · describe the rules and guidelines related to working in an animal lab. · write a research proposal in which laboratory animals are used · perform basic applications under supervision 				
Educational Methods	Seminar Discussion Hands on training				
Assessment Methods	Presentations Research proposal				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Clinical Biochemistry	5	MED 573	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Mustafa SERTESEER				
Academic Units & Staff	Clinical Biochemistry Mustafa SERTESEER, M.D., Prof. Abdurrahman COŞKUN, Prof. Muhittin SERDAR, . Prof. Fehime BENLİ AKSUNGAR, Assoc. Prof.				
Duration	3 weeks				
Aim	The aim of this clerkship is provide soon to be medical doctors useful information about clinical biochemistry tests that are used in disease diagnosis, treatment and progression, so that they can understand and know how and when to use these tests. In addition, to provide them information about clinical test workflow including reporting and let them be aware of the methods used in clinical testing.				
Learning Outcomes	By the end of this course, students will be able to: <ul style="list-style-type: none"> · Describe the importance of appropriate sample collection and transport. · Define the diversity and working methods of biochemical samples. · Consolidate their knowledge about the reference intervals, potentials for decision making and how they are determined. · Describe the stages (preanalytical, analytical and postanalytical) of biochemical result production and how these stages reflect the results. · Define diseases, requesting clinical tests related to these diseases, analyses and interpretation of the tests. · Define the properties of the hematological tests and interpretation of peripheral blood smear results. · Describe scientific research methods and using advanced technologies. 				
Educational Methods					
Assessment Methods	Performance assessment				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Molecular research methods	5	MED 575	135	5	5
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Tanıl KOCAGÖZ				
Clerkship Subcoordinators	Prof. Özgür KURT				
Academic Units & Staff	Sinem Öktem Okullu, Nihan Aytekin Ünübol				
Duration	3 weeks				
Aim	To give training about molecular research methods				
Learning Outcomes	<ul style="list-style-type: none"> · At the end of the course students will be able to: · Do bacterial, fungal and eucaryotic cell culture · Isolate and purify nucleic acids from different cell types · Learn and apply protein purification methods · Evaluate samples by regular light, inverted and fluorescent microscopes 				
Educational Methods	Laboratory practice and theoretical lessons and discussions				
Assessment Methods	Practical examination				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Pathology	5	MED576	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof Ümit İnce Prof Özlem Aydın				
Academic Staff	Pathology: All officially registered academic pathology staff.				
Duration	3 week				
Aim	<p>Aims of the present course are as follows;</p> <ul style="list-style-type: none"> · Description and practical application of pathology lab. techniques (grossing, histopathology, cytopathology, histochemistry, immunohistochemistry, molecular pathology) · Learning steps of the decision making process in pathology practice · Reporting pathology samples under the supervision of an academic pathology staff with reference to clinic-pathologic approach · Demonstrating interaction of pathology reports with clinical applications on actual patients · Active attendance to clinic-pathologic meetings (the student is expected to present and discuss pathologic aspects of the case with the pathologist in charge) · Active attendance during biopsy/FNA procedures performed for on-site evaluation for specimen adequacy 				
Learning Outcomes	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> · Enumerate and describe pathology lab. procedures, techniques and instruments briefly. · Learn to make differential diagnoses using the data obtained through pathologic examination · Comprehend the meaning and value of pathologic examination for clinical applications · Describe how to perform a needle biopsy, fine needle aspiration and on-site evaluation for specimen adequacy · Have a perception on how molecular pathology effects latest diagnostic and therapeutic procedures 				
Educational Methods	Laboratory and Clinical practice				
Assessment Methods	Oral examination				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Pediatric Cardiac Surgery	5	MED 577	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuşlat Sema Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Assoc Prof Ersin Erek				
Academic Staff	Pediatric Cardiac OR and ICU				
Duration	3 weeks				
Aim	The main objective of the elective rotation is to learn the surgical treatment of congenital heart diseases. Students will participate to the congenital heart operations. They will join to daily rounds in ICU and surgical floor. They will follow the patients from preoperative period to discharge.				
Learning Outcomes	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> · To learn the surgical management of most common congenital heart diseases. · Basic principles of pediatric cardiac ICU. · Basic skills of surgery · Preparation of a manuscript, if possible. 				
Educational Methods	Personal collaboration				
Assessment Methods	Assesment of the clinical practice and observation of interventional procedure				

Clerkship	Year	Code	Student Workload (Hours)	National credits	ECTS
Orthopedics and Traumatology Physical Medicine and Rehabilitation	5	MED 578	135	5	5
Educational language	English				
Course Type	Compulsory				
Course Level	Undergraduate				
Year coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr				
Clerkship coordinator	Prof. Vuslat Sema ÜNAL Assoc. Prof. Fatih DİKİCİ				
Academic Units & Staff	<p>Orthopedics and Traumatology Metin TÜRKMEN, M.D., Prof, Chairman Servet Aydın YÜCETÜRK, M.D., Prof Burak BEKSAÇ, M.D., Prof. Vuslat Sema ÜNAL, M.D., Prof. Ufuk NALBANTOĞLU, M.D., Prof. Umut AKGÜN, M.D., Assoc. Prof. Fatih DİKİCİ, M.D., Assoc. Prof. Mehmet Uğur ÖZBAYDAR, M.D., Assoc. Prof Sezgin SARBAN, M.D., Assoc. Prof. Barış KOCAOĞLU, M.D., Assoc. Prof. Hüseyin Arel GERELİ, M.D.</p> <p>Physical Medicine and Rehabilitation Zeynep GÜVEN, M.D., Prof, Chairman Selda ÖZÇIRPICI, M.D., Prof. Şule ARSLAN, M.D., Prof. Reyhan ÇELİKER, M.D., Prof. Ayçe ATALAY, M.D., Assoc. Prof. Tolga AYDOĞ, M.D., Assoc. Prof.</p>				
Duration	5 weeks				
Aim	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,. 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.				

<p>Learning outcomes</p>	<p>By the end of this clerkship, the students will be able to:</p> <ul style="list-style-type: none"> · Perform basic musculoskeletal system examination, differentiate normal conditions, and define physical findings in universal terminology · Diagnose musculoskeletal system diseases, identify traumatic injuries, high risk trauma patients, be able to refer appropriate patients to specialized tertiary centers and define musculoskeletal emergencies. · Choose imaging techniques to diagnose musculoskeletal system disorders and assess x-rays, USG, CT and MRI sections. · Obtain basic principles of differential diagnosis in musculoskeletal system disorders by processing the clinical, laboratory, radiological findings · List ATLS guidelines, and be able to do first aid in traumatic situations · List common complications of fractures and dislocations and summarize their classifications and basic management principles · Perform basic splinting and bandaging techniques, manage to transfer trauma patients in optimal conditions · Describe the indications for surgical treatment of fractures and dislocations . · Define congenital and developmental pediatric orthopedic diseases, describe the types of cerebral palsy and basic principles of its rehabilitation. · Describe common sports injuries and summarize their treatment options, · Describe symptoms and physical findings of common musculoskeletal cancers, define screening protocol and refer these patients to appropriate centers, · Define diagnostic criteria of musculoskeletal system infections and inflammatory diseases, connective tissue disorders, explain the principles of their management, · Define common physical therapy and rehabilitation (PTR) modalities, orthoses, prostheses, main domains of gait analysis · Describe symptoms and physical findings of common neuromuscular degenerative diseases, main principles of geriatric rehabilitation and management · Define pain physiopathology, basic principles of classification and summarize their management · Define neck and low back pain, evaluate and summarize their treatment principles · Describe the essentials of joint aspiration and injection techniques · Describe the basic principles of scrubbing, operation room standards, and designs · Describe main domains of rehabilitation · List the equipment and techniques of PTR applications · Describe the basic PTR exercise programs and how to recommend them to a patient
<p>Educational methods</p>	<p>Theoretical lecture Interactive learning session Literature review and presentations Practice in the operating and intervention room and PTR unit Practice in the sportsman health center Observation in the gait analysis laboratory</p>
<p>Assessment methods</p>	<p>Clinical performance assessment Written examination and /or structured oral examinations</p>

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Gyneacology&Obstetrics: Perinatology	5	MED 579	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof İbrahim Bildirici				
Clerkship sub-coordinators					
Academic Units & Staff	Gyneacology&Obstetrics: Perinatology				
Duration	3 week				
Aim	<p>Aims of the present course are as follows;</p> <ul style="list-style-type: none"> · Gain basic knowledge of gyneacological anatomy · Description and practical application of perinatalogic examination methods · Learning steps of the decision making process in perinatology practice · Observing obstetric surgical procedures · Active attendance to surgical procedures and clinical practice 				
Learning Outcomes	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> · Describe and apply perinatalogic examination techniques · Learn to make differential diagnoses using the data obtained · Describe basic approach to obstetric emergencies · Describe management of complicated obstetric cases 				
Educational Methods	Clinical practice				
Assessment Methods					

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Pulmonary Medicine	5	MED 580	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Çağlar ÇUHADAROĞLU				
Clerkship sub-coordinators	Haluk C. Çalıřır ,Pelin Uysal				
Academic Units & Staff	Acıbadem University School of Medicine Department of Pulmonary Medicine				
Duration	3 week				
Aim	To train in basic pulmonary medicine				
Learning Outcomes	<p>By the end of this course:</p> <ul style="list-style-type: none"> · Student will learn the basic approaches to pulmonary disease. · Student will be able to know basic pulmonary examinations, including taking patient history with environmental exposures, physical examination, basic radiological and laboratory evaluation. · Student will demonstrate the knowledge of indications, limitations, risks and techniques of basic pulmonary investigation methods including pulmonary function tests, thoracentesis and bronchoscopy. · Student will learn the basic clinical principals in case of emergency pulmonary disease. · Student will learn to evaluate blood gases and clinical interpretations. 				
Educational Methods	Case presentations, out patient, patient side training, literature review, participating in clinical studies				
Assessment Methods	Oral exam				

Clerkship	Year	Code	Student Workload (Hours)	National Credits	ECTS
Research Ethics	5	MED 582	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Vuslat Ünal; vuslat.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Dr. Yesim Isil Ulman				
Clerkship sub-coordinators	Yesim Isil Ulman Prof. Dr. Fatih Artvinli, PhD Assist. Prof. Mehmet Ekinci, MSc.				
Academic Units & Staff	3 weeks				
Duration	<p>The main objective of elective rotation is to provide the student with</p> <ul style="list-style-type: none"> · a basic understanding of ethical principles and professional values of the research and publication ethics, benefit sharing; · the ethical aspects of scientific research on human beings and laboratory animals in view of bioethics; · the kinds of ethics committees and their functions; · the practice of application to ethics committees of clinical research and animal experimentation. <p>Students will participate in</p> <ul style="list-style-type: none"> · daily teaching rounds, · attending ethics committee application practice; · the simulated practice of obtaining oral and written consent of healthy volunteers and patients in clinical and laboratory research, · observing procedures in animal experimentation laboratories, and clinics. 				
Aim	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> · understand the need in the ethical conduct of clinical and laboratory research · design and write a research proposal to ethics committee of all kinds · compose and obtain full oral and written informed consent of research participants. 				
Learning Outcomes	Class discussion, interactive learning, simulated practice				
Educational Methods	Written exam, case reports, research proposal				
Assessment Methods					



YEAR 6 INTERNSHIP CREDITS

CLERKSHIPS	Duration (Weeks)	National credits	ECTS
Simulated Clinical Practice	1	1	1
Internal Medicine	8	8	10
General Surgery	4	4	4
Pediatrics	8	8	10
Obstetrics & Gynecology	4	4	4
Psychiatry	4	4	4
Community Health & Primary Care	8	8	10
Emergency Medicine	8	8	10
Elective Clerkship	7	7	7
TOTAL	52	52	60

YEAR 6 INTERNSHIP SCHEDULE OUTLINE

		Weeks																										
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			
A	Obstetrics & Gynecology (Jun 29 - Jul 26 2015) ^{Sim}		Pediatrics (Agu 3-Sept 27 2015)		Community Health & PHC (Sept 28-Nov 22 2015)		Psychiatry (Nov 23-Dec 20 2015)																					
	Internal Medicine (Jun 29- Agu 23 2015) ^{Sim}		Obstetrics & Gynecology (Agu 31-Sept 27 2015)		Emergency Medicine (Sept 28-Nov 22 2015)		General Surgery (Nov 23-Dec 20 2015)																					
B	Community Health & PHC (Jun 29- Agu 23 2015) ^{Sim}		Psychiatry (Aug 24-Sept 20 2015)		Obstetrics & Gynecology (Sept 28-Oct 25 2015)		Pediatrics (Oct 26-Dec 20 2015)																					
	Emergency Medicine (Jul 6- Agu 30 2015) ^{Sim}		General Surgery (Aug 31-Sept 27 2015)		Internal Medicine (Sept 28-Nov 22 2015)		Obstetrics & Gynecology (Nov 23-Dec 20 2015)																					
C	Community Health & PHC (Jun 29- Agu 23 2015) ^{Sim}		Psychiatry (Aug 24-Sept 20 2015)		Obstetrics & Gynecology (Sept 28-Oct 25 2015)		Pediatrics (Oct 26-Dec 20 2015)																					
	Emergency Medicine (Jul 6- Agu 30 2015) ^{Sim}		General Surgery (Aug 31-Sept 27 2015)		Internal Medicine (Sept 28-Nov 22 2015)		Obstetrics & Gynecology (Nov 23-Dec 20 2015)																					
D	Community Health & PHC (Jun 29- Agu 23 2015) ^{Sim}		Psychiatry (Aug 24-Sept 20 2015)		Obstetrics & Gynecology (Sept 28-Oct 25 2015)		Pediatrics (Oct 26-Dec 20 2015)																					
	Emergency Medicine (Jul 6- Agu 30 2015) ^{Sim}		General Surgery (Aug 31-Sept 27 2015)		Internal Medicine (Sept 28-Nov 22 2015)		Obstetrics & Gynecology (Nov 23-Dec 20 2015)																					

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	
Emergency Medicine (Dec 21 2015- Feb 14 2016)		General Surgery (Feb 15- Mar 13 2016)		Internal Medicine (Mar 14-May 8 2016)		Elective (May 9-Jun 26 2016)																					
Community Health & PHC (Dec 21 2015- Feb 14 2016)		Psychiatry (Feb 15- Mar 13 2016)		Pediatrics (Mar 14-May 8 2016)		Elective (May 9-Jun 26 2016)																					
Internal Medicine (Dec 21 2015- Feb 14 2016)		Emergency Medicine (Feb 15- Apr 10 2016)		General Surgery (Apr 11-May 8 2016)		Elective (May 9-Jun 26 2016)																					
Pediatrics (Dec 21 2015- Feb 14 2016)		Community Health & PHC (Feb 15- Apr 10 2016)		Psychiatry (Apr 11-May 8 2016)		Elective (May 9-Jun 26 2016)																					

Clerkship	Year	Code	Duration (week)	Credit	ECTS
Simulated Clinical Practice	6	MED 609	1	1	1
Educational Language	English				
Course Type	Compulsory				
Course Level	Undergraduate				
Year Coordinators	Prof. Murat Saruç Prof. Bilgi Baca				
Clerkship Coordinators	Instructor Dilek Kitapçioğlu Instructor Feray Güven				
Academic Units & Staff	M.Emin Aksoy, M.D., Assist.Prof. Dilek Kitapçioğlu M.D., Instructor Feray Güven M.D., Instructor Erhan Sayalı M.D., Instructor				
Aims	To improve basic clinical skills in a safe environment To improve non-technical skills for teamwork and crisis resource management To bring in experience by practicing on high-fidelity manikins in real-like hospital set-up for management of clinical problems that they will encounter frequently in real clinical conditions.				
Learning Outcomes	By the end of this course the students will be able; To state diagnostic and therapeutic approach to; · Cardiopulmonary arrest · Periarrest arrhythmias · Acute coronary syndromes · Acute respiratory deficiencies To manage crisis situations · Teamwork · Collaboration · Communication · Leadership To perform technical skills in providing patient care (Advanced airway management, defibrillation, lumbar puncture, diagnostic ultrasound, intraosseous access etc.)				
Educational Methods	E-Learning,Lectures,Clinical Skills Practice on Task Trainers,Simulation Sessions with High-Fidelity Manikins in Virtual Hospital Set-up,Debriefing				
Assessment Methods	Written exam OSCE				

Clerkship	Year	Code	Duration (week)	Credit	ECTS
Internal Medicine	6	MED 601	8	8	10

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Murat Saru Prof. Bilgi Baca
Clerkship Coordinators	:	Prof. İlke Sipahi Assoc.Prof. Fatih Oğuz Önder
Academic Units & Staff	:	<p>INTERNAL MEDICINE Nurdan Tözün, M.D., Prof Gül Başaran, M.D., Prof Aziz Yazar, M.D., Prof Murat Saru, M.D., Prof Şebnem Aktaran, M.D., Prof Abdullah Büyükçelik , M.D., Prof Bahattin Çiek, M.D., Prof Siret Ratip, M.D., Prof Özlem Er, M.D., Prof Sinan Yavuz, M.D., Prof Rüştü Serter, M.D., Prof Koptagel İlgün, M.D., Prof Neslihan Kurtulmuş, M.D., Prof. Bülent Orhan, M.D., Prof. Ender Arıkan, M.D., Prof. Ülkem Çakır , M.D., Prof. Berrin Karadağ, M.D., Assoc. Prof. Adnan Gökçel, M.D., Assoc. Prof. Arzu Tiftikçi, M.D., Assoc. Prof. Bülent Değertekin, M.D., Assoc. Prof. Eser Vardareli, M.D., Assoc. Prof. Ozdal Ersoy , , M.D., Assist. Prof. Nurten Türkel Küçükmetin, M.D., Assist. Prof. Ant Uzay M.D., Assist. Prof. Mehmet Karaarslan M.D., Assist. Prof. Özlem Çelik, M.D., Assist. Prof.</p> <p>Pulmonary Diseases Çağlar Çuhadaroğlu, M.D., Prof Reha Baran, M.D., Assoc. Prof. Celaleddin Haluk Çalıřır, M.D., Assoc. Prof. Ceyda Erel Kırıřođlu, M.D., Assoc. Prof. Pejman Golabi M.D., Instructor Süha Alzafer M.D., Instructor Hilal Altınöz M.D., Ph.D., Instructor</p> <p>Infectious Diseases Ayşe Sesin Kocaođ, M.D., Prof Hülya Kuřođlu M.D., Instructor</p>

	<p>Cardiology Sinan Dagdelen, M.D., Prof Sevket Gorgulu, M.D., Prof Mustafa Kemal Batur, M.D., Prof Ahmet Duran Demir, M.D., Prof Ergün Seyfeli, M.D., Prof İlke Sipahi, M.D., Prof Tuğrul Norgaz, M.D., Prof Ahmet Akyol, M.D., Prof. Seden Celik, M.D., Prof. Tansu Karaahmet, M.D., Assoc. Prof. Ali Buturak, M.D., Assist. Prof. Gülcan Abalı, M.D., Assist. Prof Aleks Değirmencioglu , M.D., Assist. Prof</p>
	: Paper/ Lecture Case Discussions, Bed Side Training, Out-Patient Clinics, Attendance to multidisciplinary meeting, Case Discussions, Paper presentation and discussion,
Aims	: Case discussions, Patient reports recorded by students, journal club presentation DOPS (Direct Observation of Practical Skills)
	: This course does not encompass all aspects of internal medicine, it is designed to provide the basic skills necessary to produce well-trained physicians. The interns are expected to be responsible for initial patient evaluation and selection of appropriate management strategies They are gradually encouraged to make independent management decisions on patients and are given guidance and closely supervised by an attending physician. At Acibadem University Hospital, the experience gained will mostly focus on acute medical illnesses prevalent in local population as well as a variety of patients at all levels of complexity referred to a major tertiary medical center from suburbs and other cities. The main aims of this program are; . To focus on the diagnosis and management of patients with acute and chronic medical disease under close supervision of faculty. . To become familiar with humanistic and ethical considerations involved in patient care. . To develop conduct and behavior appropriate for a medical professional.
Learning Outcomes	: At the end of this program the interns will be able to; . gain the ability to use the basic concepts and principles to solve the clinical cases, . discriminate the pathological findings of diseases with a broad spectrum of pathologies including significant cardiovascular, pulmonary, hematologic, oncologic, gastrointestinal, nephrologic, endocrinologic, rheumatologic and infectious diseases. . obtain the skill of treatment of diseases with a broad spectrum of pathologies including significant cardiovascular, pulmonary, hematologic, oncologic, gastrointestinal, nephrologic, endocrinologic rheumatologic and infectious diseases.

Clerkship	Year	Code	Duration (week)	Credit	ECTS
General Surgery	6	MED 602	4	4	4

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Murat Saruç Prof. Bilgi Baca
Clerkship Coordinators	:	M.D., Prof. Bilgi Baca,
Academic Units & Staff	:	Cihan URAS, M.D., Prof. Bilgi BACA, M.D., Prof. Ibrahim BERBER, M.D., Prof. Remzi EMİROĞLU, M.D., Prof. Deniz BÖLER, M.D. , Assoc.Prof. İlknur ERGÜNER, M.D. , Assoc.Prof. Erman AYTAÇ, M.D., Assit. Prof. Fatih Levent BALCI, M.D., Assit. Prof. Ercument GÜRLÜER, M.D. , Instructor Deniz ATASOY, M.D., Instructor Onur BAYRAKTAR, M.D., Instructor
Aims	:	<p>The aim is to teach basic surgical topics and principles to sixth year medical students with case discussions, paper presentations and bedside training. They will learn to be a part of a surgical team and will take increased responsibility for the patient care.</p> <p>The students will have opportunities to join out- and in- patient care with medical teachers and other health professionals in relevant hospitals of Acibadem Health Care Group.</p> <p>Each student is expected to:</p> <ul style="list-style-type: none"> · incorporate basic knowledge and clinical experience to obtain modern patient-oriented clinical care . · to 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;</p> <ul style="list-style-type: none"> · evaluate the patient, and analyze the symptoms related with the following topics. · Acute Abdomen · Trauma · Shock · Gastrointestinal Bleeding · Morbid Obesity · Breast Disorders · Surgical Diseases of Esophagus · Diseases of Stomach & Duodenum · Small Intestine & Appendix · Disease of the Colon, Rectum, and Anus · Surgical Diseases of the Liver & Biliary System Diseases · Surgical Disease of Pancreas, · Spleen & Adrenal Gland · Soft Tissue Sarcoma & Malign Melanoma · Hernia, Abdominal Wall, Retroperitoneum, · Thyroid & Parathyroid · define minimally invasive surgery and robotics · apply the following skills under observation · Suturing · Suture Removal · Abscess Drainage · Placement of Urinary Catheter · Placement of Nasogastric Tube · IV Line Insertion and Blood Letting · Wound Care and Dressing · Stoma Care · Participation in the Operations · Attendance of Treatments and Prescribing
Educational Methods	<p>: Case Discussions, Bedside Training, Paper/ Lecture Presentation and Discussion, Incorporation to Surgical Procedures, Out-Patient Clinics, Attendance to multidisciplinary meeting,</p>
Assessment Methods	<p>: Failure to sign will be interpreted as absence. There is no right of absenteeism without an excuse. 20% absence without any excuse results in failure from internship programme They are expected to full fill missions like case presentations, lecture/paper presentations. Assessment will be interpreted as sufficient or insufficient.</p>

Clerkship	Year	Code	Duration (week)	Credit	ECTS
Pediatrics	6	MED 603	8	8	10
Educational Language	:	English			
Course Type	:	Compulsory			
Course Level	:	Undergraduate			
Year Coordinators	:	Prof. Murat Saruç Prof. Bilgi Baca			
Clerkship Coordinators	:	Alpay ÇELİKER, M.D., Prof., Chairman, Pediatrics Yasemin ALANAY, M.D., Ph.D., Prof. Selda POLAT, M.D., PhD, Assoc. Prof.			
Academic Units & Staff	:	<p>Pediatric Cardiology Alpay ÇELİKER, M.D., Prof. Arda SAYGILI, M.D., Prof. Murat ŞAHİN M.D., Assoc. Prof.</p> <p>Pediatric Endocrinology Serap SEMİZ, M.D., Prof.</p> <p>Pediatric Hematology and Oncology Cengiz CANPOLAT, M.D., Prof. Ertuğrul ERYILMAZ, M.D., Assist. Prof.</p> <p>Pediatric Genetics Yasemin ALANAY, M.D., Ph.D., Assoc. Prof.</p> <p>Pediatric Neurology Uğur IŞIK, M.D., Assoc. Prof.</p> <p>Social Pediatrics Selda POLAT, M.D., PhD, Assoc. Prof.</p> <p>Neonatology Atalay DEMİREL, M.D., Assist. Prof.</p> <p>General Pediatrics Müjde ARAPOĞLU, M.D., Assist. Prof. Sibel Aka, M.D., Assist. Prof.</p>			
Affiliated Staff	:	<p>Affiliated faculty: Mahir GÜLCAN, M.D., Pediatric Gastroenterology and Hepatology Tarkan İKİZOĞLU, M.D. Pediatric Intensive Care</p>			
Educational Methods	:	Lectures, Clinical Skills Training, Ward rounds-outpatient clinics, On-call duties			
Assessment Methods	:	Clinical Skills Assessment			
Course Aims	:	<p>The purpose of Pediatrics Internship, is to integrate knowledge, attitudes and skills already acquired in the first 5 years of medical school into the clinical discipline, follow-up of healthy children and practice current diagnostic and therapeutic approaches in common medical situations.</p> <p>Interns at Acibadem University School of Medicine will graduate equipped with interest and understanding of health issues regarding children in our country and the World with extensive knowledge in preventive and routine pediatric care.</p> <p>Students will actively participate in care of hospitalized children and outpatients, practicing disease prevention, diagnosis, differential diagnosis, treatment and follow-up strategies and providing support for the patient and the 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 · develop a clinical assessment and plan, demonstrating critical thinking skills and integration of previous basic science and clinical knowledge into management of pediatric problems. · explain growth and development of healthy neonates, children and adolescents including clinical follow-up · establish a plan for immunization practices, nutrition for well-babies, and oral rehydration therapy · fully evaluate a patient with common morbidities in childhood, such as cardiac, endocrine, hematologic, immunologic, nephrological, neuromuscular, metabolic, infectious, neoplastic, genetic diseases.
---------------------------------	---

Clerkship	Year	Code	Duration (week)	Credit	ECTS
Obstetrics and Gynecology	6	MED 604	4	4	4
Educational Language	:	English			
Course Type	:	Compulsory			
Course Level	:	Undergraduate			
Year Coordinators	:	Prof. Murat Saruç Prof. Bilgi Baca			
Clerkship Coordinators	:	Prof. İbrahim Bildirici Prof. Talat Umut Kutlu Dilek			
Academic Units & Staff	:	Mete Gungor, M.D., Prof. Tansu Kucuk, M.D., Prof. Tayfun Bağış, M.D., Prof. Özlem Pata, M.D., Prof. İbrahim Bildirici, M.D., Prof. Talat Umut Kutlu Dilek, M.D., Prof. Cem Batukan, M.D., Prof. Serkan Erkanlı, M.D., Prof. Hüsnü Görgen, M.D., Assoc.Prof. Derya Eroglu, M.D., Assoc.Prof. Esra Özbaşı, M.D., Instructor			
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 obstetric and gynecologic emergencies.</p> <p>Interns are expected to;</p> <ul style="list-style-type: none"> · 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 			

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 · 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	<p>: 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)</p>
Assessment Methods	<p>: Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course, Attendance to clinics and compliance, Patient care, Case Presentations</p> <ul style="list-style-type: none"> - Paper/ Lecture presentations, Attitude during rounds

Course Name	Year	Code	Theoretical (Hour)	Credit	ECTS
			Practical (Hour)		
Psychiatry	6	MED 605	Study time (Hour)	4	4

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Murat Saruç Prof. Bilgi Baca
Clerkship Coordinators	:	Assist. Prof.Ferhal Utku Doğan
Academic Units & Staff	:	Cem İncesu, M.D., Prof Kültegin Ögel, M.D., Prof. Ferhal Utku Doğan, M.D., Assist. Prof. Burcu Yavuz, M.D., Assist. Prof.
Educational Methods	:	Case presentations and discussions; psychiatric interviews in the outpatient unit, inpatient unit, emergency unit and consultations. The students will; <ul style="list-style-type: none"> · attend to psychiatric interviews in the outpatient unit, emergency unit and consultations · take responsibility in revisiting of patients seen during the consultations. · make the first evaluation of the patients applying to the outpatient and emergency unit. · take responsibility in the inpatient unit under supervision.
Assessment Methods	:	The interns will be evaluated according to their attitudes toward the patients and the family members, cooperation with the colleagues and the academic staff and clinical skills. The interns are expected to prepare 5 psychiatric reports about the patients seen in the outpatient or inpatient unit which should include symptoms, detailed history, differential diagnosis, diagnosis and treatment plan.
Aims	:	The purpose of Psychiatry Internship, is to provide to the student ; <ul style="list-style-type: none"> · necessary knowledge about etiology, clinical signs and symptoms, differential diagnosis and treatment of psychiatric disorders. · clinical skills about approaching to emergent psychiatric patients, · knowledge about relationship between general medical conditions and psychiatric disorders, · ability to evaluate suicide/homicide risk.
Learning Outcomes	:	At the end of this program the interns will be able to; <ul style="list-style-type: none"> · diagnose alcohol-substance use disorders and make an emergent treatment plan diagnose and treat depression evaluate suicide risk diagnose manic episode, and make an emergent treatment plan diagnose psychosis and handle a patient in the emergency unit diagnose anxiety disorders(separation anxiety, panic disorders, phobia, obsessive-compulsive disorder, post-traumatic stress disorder)diagnose somatoform disorders · evaluate psychiatric conditions seen in the community (such as depression, anxiety disorders, psychosis), and make a treatment plan as a general practioner or refer to a specialist.

Course Name	Year	Code	Duration (week)	Credit	ECTS
Community Health and Primary Care	6	MED 606	8	8	10

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Murat Saruç Prof. Bilgi Baca
Clerkship Coordinators	:	Assoc. Prof.Pınar TOPSEVER Assist. Prof.Figen DEMİR
Academic Units & Staff	:	Public Health: Nadi BAKIRCI, M.D., Prof Figen DEMİR, M.D., Assist. Prof. Yeşim YASİN,MA.,MSc, Assist. Prof. Field Trainers in Primary Health Care Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNC, M.D.,Instructor Filed Trainers in Primary Health Care
Aim	:	This community based medical education program aims to create learning and working opportunity in the community and primary care level for the student to gain core competencies to apply the public health principles, method and knowledge to medical practice and to perform good clinical practice in primary care.

Learning Outcomes	<p>At the end of this course, students will be able;</p> <ul style="list-style-type: none"> · to manage primary contacts with patients, dealing with unselected problems · to co-ordinate care with other professionals in primary care and with other specialists · to act as an advocate for the patient within the social security and health care system · to understand the financial and legal frameworks in which health care is given at practice level · to adopt a person-centred approach in dealing with patients and problems in the context of the patient's circumstances; · to communicate, set priorities and act in partnership; · to value the benefit of longitudinal continuity of care as determined by the needs of the patient (continuing and co-ordinated care management) · to accept and manage complexity in clinical and ethical decision making · to relate specific decision making processes to the prevalence and incidence of illness in the community; · to 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; · to observe the effectiveness of certain clinical working principles. e.g. incremental investigation, using time as a tool and to tolerate uncertainty; · to intervene urgently when necessary; · to manage conditions which may present early and in an undifferentiated way; · to manage simultaneously multiple complaints and pathologies, both acute and chronic health problems in the individual; · to promote health and well being by applying health promotion and disease prevention strategies appropriately; · to manage and co-ordinate health promotion, prevention, cure, care and palliation and rehabilitation. · to reconcile the health needs of individual patients and the health needs of the community in which they live in balance with available resources. · to analyze and discuss the impact of the local community, including socio-economic factors, geography and culture, on health, the workplace and patient care. · to use a bio-psycho-social model taking into account cultural and existential dimensions, · to investigate, and control epidemics, · to calculate, interpret and use the health indicators, · to plan and conduct services delivered by Community Health Center (CHC/Toplum Sağlığı Merkezi-TSM), · to appraise the impact of policies, laws, and legislation on both individual and population health, · to explain and practice Expanded Program on Immunization (EPI), · to outline the National Vaccination Programme, · to create the target groups of the EPI and also adulthood vaccination, · to calculate immunization rates, vaccination coverage and vaccine needs, · to practice cold chain and explain its importance, · Apply the basic principles of communicable disease control in community settings, · to explain and organize programmes implemented by the Ministry of Health, · to evaluate the characteristics of the current health system at primary level health services, · Identify the environmental and occupational hazards, their role in health and discuss the control strategies of their effects.
Education & Training Methods	<p>Group working, case analyses, critical event analyses, observation of patient journey and care trajectories by case analyses and discussions, practice in family and community health centers and other community-based primary care institutions (e.g. hospices, elderly homes), reflection sessions, peer education, structured tutor feed-back sessions</p>
Assesment Methods	<p>Performance assessment via log books, comprehensive case presentations and reports, essays, tutor observation of consultations with patients (and their families) with standardized checklists</p>

Course Name	Year	Code	Duration (week)	Credit	ECTS
Emergency Medicine	6	MED 607	8	8	10
Educational Language	English				
Course Type	Compulsory				
Course Level	Undergraduate				
Year Coordinators	Prof. Murat Saruç Prof. Bilgi Baca				
Committee Chairs	Asst. Prof. Serpil YAYLACI Instructor Cem GÜN Instructor Hasan ALDİNÇ				
Academic Units & Staff	Serkan ŞENER, M.D., Assoc. Prof. Serpil YAYLACI, M.D., Assist. Prof. Veysel BALCI, M.D. Instructor Cem GÜN, M.D. Instructor				
Educational Methods	CASE Simulation (BLS, ACLS, ATLS, AED, PALS), airway management, vascular access (peripheral IVs, intraosseous lines), wound care and suturing, Foley and NG tube placement and lavage, ABG, LP, orthopedic reductions, regional anesthesia, foreign body removal, and chest tube thoracostomy. Case Discussions (ECG, X-ray reading) Bed Side Training				
Assessment Methods	Portfolio, Student presentations, Attendance to clinics and compliance, Midrotation meeting 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: <ul style="list-style-type: none"> · Patient care · Medical knowledge · Interpersonal and communication skills · Professionalism · Approach to clinical management for cardinal Sx (Chest pain, abdominal pain, shortness of breath, trauma, pediatric fever, vaginal bleeding, orthopedic injuries) · Portfolio · Student presentation · Attendance to clinics and compliance · Midrotation meeting 				
Course Aims	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. 				
Learning Outcomes	At the end of this program the students will be able to; <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. 				

Course Name	Year	Code	Duration (week)	Credit	ECTS
Elective	6		7	7	7

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Murat Saruç Prof. Bilgi Baca
Committee Chairs	:	
Academic Units & Staff	:	
Course Duration	:	(3+4) 7 weeks
Course Aims	:	A sixth-year medical student in the Acibadem University Medical faculty will generally select an elective “sub”-internship, where the student will perform the role of an intern or first year medical graduate, under the supervision of senior house staff and attending physicians.
Learning Outcomes	:	The rotation is generally pursued in the field appropriate to career interest. In this way, the student can experience a glimpse of their future career without the burden of full responsibility.
Assessment Methods	:	At the end of each elective rotation an Elective Assessment Report must be completed by the Elective Supervisor and returned as soon as possible to the Medical School Office of Acibadem University. If an Elective Assessment Report is not received the student is deemed to have failed the elective rotation.
Requirements	:	All Acibadem University Medical students must complete a seven-week clinical elective prior to graduating the faculty. This seven-week period can be separated maximum in three rotations. This allows the student to gain valuable “hands-on” experience in a clinical setting. An Elective Approval Form must be submitted to the School of Medicine providing details of the elective(s) that the student is applying for. The Dean of the Medical Faculty must approve electives prior to commencement. It is possible to complete an elective outside of Turkey.



ACIBADEM
UNIVERSITY



ACIBADEM
UNIVERSITY

www.acibadem.edu.tr