



ACIBADEM
UNIVERSITY

Integrated Approach to Basic Sciences & Clinical Medicine
2014-2015 CURRICULUM



SCHOOL OF MEDICINE

Kerem Aydınlar Kampüsü
İçerenköy Mah. Kayışdağı Cad. N 32 Ataşehir / İSTANBUL
Phone +90 216 **500 44 44**



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

K. Atatürk



CONTENTS

MESSAGE FROM THE RECTOR _____	4
MESSAGE FROM THE DEAN _____	6
OUR AIM, MISSION and VISION _____	8
ADMINISTRATION _____	9
ACADEMIC UNITS _____	10
COMMITTEES _____	12
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
2014-2015 ACADEMIC CALENDAR _____	36
MEDICAL EDUCATION PROGRAM OUTLINE _____	42
YEAR 1 CURRICULUM _____	44
YEAR I FALL SEMESTER _____	62
YEAR I SPRING SEMESTER _____	80
YEAR 2 CURRICULUM _____	102
YEAR II FALL SEMESTER _____	122
YEAR II SPRING SEMESTER _____	142
YEAR 3 CURRICULUM _____	164
YEAR III FALL SEMESTER _____	182
YEAR III SPRING SEMESTER _____	202
OTHER COURSE INFORMATIONS _____	222
YEAR 4 CURRICULUM _____	230
YEAR 5 CURRICULUM _____	256
ELECTIVE CLERKSHIPS _____	278
YEAR 6 CURRICULUM _____	310

MESSAGE FROM THE RECTOR



Dear Students,

I would like to welcome all students to the 2014-2015 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 basic 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

MESSAGE FROM THE DEAN



Dear Students,

I would like to welcome you on behalf of the academic staff and our personnel to Acibadem University Medical School. I feel privileged to inform you about a new, unique and exciting institution.

The Medical School at Acibadem University is a powerful organization. Although it was established in year 2007, accepting its first students in 2009, the whole story started when Acibadem Health Group (AHG) opened up its first hospital on the Asian side of Istanbul in 1991. Building know-how and experience over the years matriculated into

Acibadem University and the Medical School. The academic staff is strong at Acibadem University Medical School. Two hundred enthusiastic academic personnel are readily available to educate you to perfection all around the year and clock. One hundred twenty of these medical faculties with academic titles were chosen from the AHG with diverse research capabilities and clinical skills. Eighty of the teachers were recruited from national and international sources. The entire medical faculty is full time practicing in the Medical School. We have forty basic science academic staff that is fully functional in our campus building

and also operating through the state of the art Acibadem Health Group Lab Med laboratories performing active research and creating a rich and productive educational environment for you. We aimed to accomplish a family environment for you. The medical faculty was trained intensively and this new team's continuing education is still under progress in an effort to give you the best medical education.

The curriculum development committee prepared you an exciting and enjoyable program after years of vigorous work. It was refined to perfection once again this year. It's unique in many ways. The medical disciplines are taught in an integrated way relayed by theoretical and practical courses. The integrated blocks are well nourished by clinical medicine and professional skills (CMPS) courses. The CMPS the mostly we are proud of enables you to get in touch with the patients from very first day. CMPS also allows you to improve the practical aspects of your medical performance in a simulated fashion. It is well harmonized with courses containing research methodology, medical humanity and ethical issues. In addition, you will be a part of interactive modules. You will try to solve a medical problem in an interdisciplinary fashion that will foster your reasoning and research capabilities in each of these classes. One of the revolutionary parts of the curriculum is the intensive medical informatics courses that are reflection of our vision about the new millennium's physician. These courses are spread out the first and second year. They are mostly comprised of teaching basic medical informatics the first year. The second year is scrambled with bioinformatics

and biomedical technologies in order to serve the needs of a scientist in the new millennium. Medical English classes support the language of education the first three years. Moreover, the electives and especially the enrichment lectures will help you improve your intellectual capacity. The assignment of a mentor to each student favors apprenticeship education establishing a family environment. I think we could not use this effective tool if we were not hire this highly qualified numerous medical faculty.

We fully operate in our new campus armed with state of the art teaching and social facilities since 2013. New campus have the cutting edge education technologies reflective of AHG highest medical and engineering standards.

I wish you a prosperous and productive future. Enjoy this phase of your life. Welcome on board. Get well educated.

Prof. Dr. Hasan Tanyeri
Dean

OUR AIM, MISSION and VISION

Our aim at Acibadem 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



DEAN
Hasan TANYERİ, M.D.
Professor of Otolaryngology



VICE DEAN
İsmail Hakkı ULUS, M.D., Ph.D.
Professor of Pharmacology



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

İsmail Hakkı Ulus, M.D., Ph.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

Hasan TANYERİ, M.D., Prof.

Beki KAN Ph.D., Prof.

İsmail Hakkı ULUS, M.D., Ph.D., Prof.

Metin TÜRKMEN M.D., Prof.

Enis ÖZYAR, M.D., Prof.

Serap ARBAK Ph.D., Prof.

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

Pınar TOPSEVER M.D., Assoc. Prof.

Işıl PAKIŞ, M.D., Assoc. Prof.

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

FACULTY EXECUTIVE BOARD MEMBERS

Hasan TANYERİ, M.D., Prof.

Nurdan TÖZÜN, M.D. FRCP, Prof.

İsmail Hakkı ULUS, M.D. Ph.D., Prof.

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

Pınar TOPSEVER M.D., Assoc. Prof.

Özgür KURT, M.D., Ph.D., Assoc. Prof.

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



CURRICULAR DEVELOPMENT COMMITTEE

Hasan TANYERİ, M.D., Prof.

Nurdan TÖZÜN, M.D., FRCP, Prof.

Zeynep GÜVEN, M.D., Prof.

İsmail Hakkı ULUS, M.D., Ph.D., Prof.

Tanıl KOCAGÖZ, M.D., Ph.D., Prof.

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

Yeşim Işıl ÜLMAN, Ph.D., Prof.

İlke SİPAHİ, M.D., Prof.

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

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

COORDINATORS OF MEDICAL EDUCATION

CHIEF COORDINATOR



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

VICE COORDINATORS



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



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

YEAR 1 COORDINATORS:



Serap ARBAK,
Ph.D., Prof.



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

SUBJECT COMMITTEE CHAIRS

MED 101 Cellular Basis of Medicine

Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.
Yavuz OKTAY, Ph.D., Assist. Prof.

MED 103 Cellular Transport and Metabolism

Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.
Evren KILINÇ, Ph.D., Assist. Prof.

MED 104 From Cell to Tissue / 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, MA., MSc., Instructor

YEAR 2 COORDINATORS:



Tanı́l KOCAGÖZ,
M.D., Ph.D., Prof.



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

SUBJECT COMMITTEE CHAIRS

MED 201 Cell and Tissue: Homeostatis

Aysel ÖZPINAR, D.V.M., Ph.D., Prof.
Işın AKYAR, M.D., Ph.D., Assoc Prof.

MED 203 Cell and Tissue: Infection and Neoplasia

Özgür KURT, M.D, Ph.D, Assoc. Prof.
Özge CAN, Ph.D., Assist. Prof.

MED 205 Hematopoietic System and Related Disorders

Yavuz OKTAY, Ph.D., Assist. Prof.
Ant UZAY, M.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

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

YEAR 3 COORDINATORS:



İsmail Hakkı ULUS,
M.D., Ph.D., Prof.



Gldal SYEN,
M.D., Ph.D., Prof.

SUBJECT COMMITTEE CHAIRS

MED 303 Cardiovascular System and Related Disorders

Sinan DAĐDELEN, M.D., Prof.
Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof.

MED 305 Nervous System and Related Disorders

Dilaver KAYA, M.D., Assist. Prof.
Deniz YCEL, Ph.D., Assist. Prof.

MED 307 Growth, Development and Endocrine Disorders

Iřıl PAKİŐ, M.D., Assoc. Prof.
zlem ELİK, M.D., Assits. Prof.

MED 304 Gastrointestinal System and Related Disorders

Murat SARU, M.D., Prof.
Elif Nedret KESKİNZ, MSc., Instructor

MED 306 Urogenital System and Related Disorders

Cem BATUKAN, M.D., Assoc. Prof.
Deniz AĐIRBAŐLI, M.D., Ph.D., Assist. Prof.

YEAR 4 COORDINATORS:



Özlem PATA
M.D., Prof.



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

CLERKSHIP COORDINATORS

Internal Medicine

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

Pediatry and Pediatric Surgery

Yasemin ALANAY, M.D., Ph.D., Prof.
Selda POLAT, M.D., Assoc. Prof.
Muazzez ÇEVİK, M.D., Assoc. Prof.

Surgery

Bilgi BACA, M.D., Assoc. Prof.

Gynecology

Cem BATUKAN, M.D., Prof.
Korhan KAHRAMAN, M.D., Assoc. Prof.

Urology

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

YEAR 5 COORDINATORS:



Ömer Faruk ÜNAL
M.D., Prof.



Işıl PAKIŞ
M.D., 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 ALTAN KARA, M.D, Prof.
Can ÇALIŞKAN, M.D., Assoc. Prof.

Orthopedics and Traumatology & Physical Medicine and Rehabilitation

Vuslat Sema ÜNAL, M.D., Assoc. Prof.
Fatih DİKİCİ, M.D., Assoc. Prof.

Forensic Medicine

Işıl PAKIŞ, M.D., Assoc. Prof.

YEAR 6 COORDINATORS:



Alpay ÇELİKER
M.D., Prof.



Arzu TİFTİKÇİ
M.D., Assoc. Prof.

CLERKSHIP COORDINATORS

Internal Medicine

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

General Surgery

Bilgi BACA, M.D., Assoc. Prof.

Pediatrics

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

Obstetrics & Gynecology

Korhan KAHRAMAN, M.D., Assoc. Prof.

Psychiatry

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

Community Health and Primary Care

Nadi BAKIRCI, M.D., Ph.D., Prof.
Pınar TOPSEVER, M.D., Assoc. Prof.

Emergency Medicine

Cem GÜN, M.D., Instructor

CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) COORDINATORS:



Pınar TOPSEVER,
M.D., Assoc. Prof.



Figen DEMİR
M.D., Assist. Prof.

**MEDICAL INFORMATICS & BIostatISTICS ,
MEDICAL INFORMATICS & BIOMEDICAL TECHNOLOGIES COORDINATORS:**



TanıI KOCAGÖZ,
M.D., Ph.D., Prof.



Onur KARATUNA,
M.D., Assist. Prof.

Erdal COŞGUN
Ph.D. Assist. Prof.



Hülya KARAYAZI,
Instructor

MEDICAL ENGLISH COORDINATORS:



Sesin KOCAGÖZ
M.D., Prof.



Pınar TOPSEVER,
M.D., Assoc. Prof.

LABORATORY COORDINATORS:



TanıI KOCAGÖZ
M.D., Ph.D., Prof.



Özgür KURT
M.D., Ph.D., Assoc. Prof.

ACADEMIC STAFF

ANATOMY

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

ANESTHESIOLOGY AND REANIMATION

Fevzi TORAMAN, M.D., Prof.
Özcan ERDEMLİ, M.D., Prof.
Tayfun GÜLER, M.D., Prof.
Nihat 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

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.
Ahmet Duran DEMİR, M.D., Prof.
İlke SİPAHİ, M.D., Prof.
Ahmet AKYOL, M.D., Assoc. Prof.
Ahmet KARABULUT, M.D., Assoc. Prof.
Duhan Fatih BAYRAK, M.D., Assoc. Prof.
Gülcan KURU ABALI, M.D., Assist. Prof.
Ali BUTURAK, M.D., Assist. Prof.
Aleks DEĞİRMENCİOĞLU, M.D., Instructor
Selçuk GÖRMEZ, M.D., Instructor

CARDIOVASCULAR SURGERY

Tayyar SARIOĞLU, M.D., Prof.
Cem ALHAN, M.D., Prof.
Hasan KARABULUT, M.D., Prof.
Mehmet Ali ÖZATİK, M.D., Prof.
Süleyman ÖZKAN, M.D., Assoc. Prof.
Şahin ŞENAY, M.D., Assoc. Prof.
Ersin ERKEK, M.D., Assoc. Prof.
Cem ARITÜRK., M.D., Assist. Prof.
Ahmet Ümit GÜLLÜ, M.D., Assist. Prof.
Mehmet Hakan AKAY, M.D., Assist. Prof.

CHEMISTRY

Mert ÜLGEN, Ph.D., Prof.

EMERGENCY MEDICINE

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

FAMILY MEDICINE

Pınar TOPSEVER, M.D., Assoc. Prof.
Demet DİNÇ, M.D., Instructor

FORENSIC MEDICINE

Işıl PAKIŞ, M.D., Assoc. Prof.

GENERAL SURGERY

Cihan URAS, M.D., Prof.
İbrahim BERBER, M.D., Assoc. Prof.
Bilgi BACA, M.D., Assoc. Prof.
Hatice Deniz BÖLER, M.D., Instructor
İlknur ERGÜNER, M.D., Instructor
Ercüment GÜRLÜLER, 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.
Derya EROĞLU, M.D., Assoc. Prof.
Hüsnü GÖRGEN, M.D., Assoc. Prof.
Korhan KAHRAMAN, M.D., Assoc. Prof.
Esra ÖZBAŞLI., M.D, Instructor

HISTOLOGY AND EMBRYOLOGY

Serap ARBAK, Ph.D., Prof.
Deniz YÜCEL, Ph.D., Assist. Prof.

HISTORY OF SCIENCE

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

INFECTIOUS DISEASES

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

INTERNAL MEDICINE

Nurdan TÖZÜN, M.D. FRCP, Prof

Koptagel İLGÜN, M.D., 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.
Abdullah BÜYÜKÇELİK, M.D., Ph.D., Prof.
Z.Şebnem AKTARAN, M.D., Ph.D., Prof.
Bahattin ÇİÇEK, M.D., Ph.D., Prof.
Nesliar Eser VARDARELİ, M.D., Assoc. Prof.
Arzu TİFTİKÇİ, M.D., Assoc. Prof.
Adnan GÖKÇEL, M.D., Assoc. Prof.
Ülkem ÇAKIR, M.D., Assoc. Prof.
Ender ARIKAN, M.D., Assoc. Prof.
Bülent ORHAN, M.D., Assoc. Prof.
Bülent DEĞERTEKİN, M.D., Assoc. Prof.
Berrin KARADAĞ, M.D., Assoc. Prof.
Duygu YAZGAN AKSOY, 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.

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.
Özge CAN, Ph.D., Assist. Prof.

MEDICAL BIOLOGY

Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.
Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.
Yavuz OKTAY, 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., Assoc. Prof.
İkbal Agah İNCE, M.D., Assoc. Prof.

Işın AKYAR, M.D., Assoc. Prof.
Onur KARATUNA, M.D., Assist. Prof.
Sinem ÖKTEM OKULLU, MSc., Instructor

MEDICAL PATHOLOGY

Aydın SAV, M.D., Prof.
Ümit İNCE, M.D., Prof.
E. Handan ZEREN, M.D., Prof.
İlker AKPOLAT, M.D., Prof.
Özlem AYDIN, M.D., Assoc. Prof.
Hale KIRIMLIOĞLU, M.D., Assoc. Prof.
Yeşim SAĞLICAN, M.D., Instructor

MEDICAL PHARMACOLOGY

İsmail Hakkı ULUS, M.D., Ph.D., Prof.

NEUROLOGY

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

NEUROSURGERY

M. Necmettin PAMİR, M.D., Prof.
Müfit KALELİOĞLU, 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.
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

Abdullah ÖZKIRIŞ, M.D., Prof.
C. Banu COŞAR, 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.
Ahmet ALANAY, M.D., Prof.
Servet Aydın YÜCETÜRK, M.D., Prof.
Ufuk NALBANTOĞLU, M.D., Prof.
Burak BEKSAÇ, M.D., Prof.
Vuslat Sema ÜNAL, 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.
Hüseyin Arel GERELİ, M.D., Assist. Prof.
Halil Can GEMALMAZ, M.D., Assist. Prof.

OTORHINOLARYNGOLOGY

Hasan TANYERİ, M.D., Prof.
Ömer Faruk ÜNAL, M.D., Prof.
Haluk ÖZKARAKAŞ, M.D., Prof.
Levent ERİŞEN, M.D., Prof.
Hüseyin Özcan ÇAKMAK, M.D., Prof.
Ahmet KOÇ, M.D., Assoc. Prof.
Şenol POLAT, M.D., Assoc. Prof.
Safer Arif ULUBİL, M.D., Assoc. Prof.
Melih Güven Güvenç, M.D., Assoc. Prof.
Elif AKSOY, M.D., Assoc. Prof.
Gediz Murat SERİN, M.D., Assoc. Prof.
İsmet Emrah EMRE., M.D., Instructor

PEDIATRIC SURGERY

K. Latif ABBASOĞLU, M.D., Prof.
Müazzez Çevik, M.D., Assoc. Prof.
Murat ŞANAL, M.D., Assist. Prof.

PEDIATRICS

Alpay ÇELİKER, M.D., Prof.
Cengiz CANPOLAT, M.D., Prof.
Serap SEMİZ., M.D., Prof.
Yasemin ALANAY, M.D., Ph.D., Prof.
Uğur IŞIK, M.D., Assoc. Prof.
Selda POLAT, 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.

PHYSICAL MEDICINE AND REHABILITATION

Zeynep GÜVEN, M.D., Prof.
Reyhan ÇELİKER, M.D., Prof.

Şule ARSLAN, M.D., Prof.
Ayçe ATALAY, M.D., Assoc. Prof.

PHYSIOLOGY

Güldal SÜYEN, M.D., Ph.D., Prof.
Melike ŞAHİNER, M.D., Ph.D., Assist. 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.
Cengiz AÇIKEL, M.D., Prof.
Halil İbrahim CANTER, M.D., Assoc. Prof.
Kahraman Berkhan YILMAZ, M.D., Assist. Prof.

PSYCHIATRY

Cem İNCESU, M.D., Prof.
Kültegin ÖGEL, M.D., Prof.

PUBLIC HEALTH

Nadi BAKIRCI, M.D., Ph.D., Prof.
Figen DEMİR, M.D., Assist. Prof.
N. Yeşim YASİN ERKMEN, M.A., Ph.D., Instructor

PULMONARY DISEASES

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

RADIOLOGY

Simay ALTAN KARA, M.D., Prof.
Ercan KARAARSLAN, M.D., Prof.
Özlem BARUTÇU SAYGILI, M.D., Prof.
Alp DİNÇER, M.D., Assoc. Prof.
Ümit AKSOY ÖZCAN, M.D., Assist. 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.
Yasemin SARAY, M.D., Assoc. Prof.
Engin SEZER, M.D., Assoc. Prof.
Emel GÜNGÖR, M.D., Assoc. Prof.
Özgür BAKAR, M.D., Assist. Prof.
Deniz DUMAN, M.D., Assist. Prof.
Yeliz ERDEMOĞLU, M.D., Instructor

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.
Mustafa SOFİKERİM, M.D., Assoc. Prof.
İlter TÜFEK, M.D., Assoc. Prof.
Serkan DEVECİ, M.D., Assoc. Prof.
Burak ÖZKAN, M.D., Assist. 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.
İsmail Cenk ACAR, M.D., Assist. Prof.

AFFILIATED FACULTY

BIOINFORMATICS

Sinan FINDIK, MSc., Instructor

CLINICAL SKILLS

Mehmet Emin AKSOY, M.D., Ph.D., Instructor
Dilek KİTAPÇIOĞLU, M.D., Instructor
Feryat GÜVEN, M.D., Instructor

FAMILY MEDICINE

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

FORENSIC MEDICINE

Oğuz POLAT, M.D., Prof.

HEALTHCARE MANAGEMENT

Haluk ÖZSARI, M.D., Assoc. Prof.

INTERNAL MEDICINE

Gökhan DEMİR, M.D., Prof.
Ergün SEYFELİ, M.D., Prof.
Haluk ÇALIŞIR, M.D., Assoc. Prof.
Seden Erten ÇELİK, M.D., Assoc. Prof.
Tansu KARAAHMET, M.D., Assoc. Prof.
Seçkin SATILMIŞ, M.D., Instructor

MEDICAL INFORMATICS

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

MEDICAL PHARMACOLOGY

Filiz ONAT, M.D. Prof.

ORTHOPEDICS AND TRAUMATOLOGY

Selda ÖZÇIRPICI, M.D., Prof.
Şule ARSLAN, M.D., Prof.

PEDIATRICS

Arda SAYGILI, M.D., Assoc. Prof.
Gamze BEREKET, M.D., Instructor
Tarkan İKİZOĞLU, 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

SOCIOLOGY

İnci USER, Ph.D., Assoc. Prof.

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





INTERNATIONAL OFFICE

Ayşe BATMAN

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

Murat GÜNDOĞDU

Çağdaş GEÇGEL

Öznur DAĞITMAÇ

The library facility in Acibadem University welcomes both students and staff in the space of 1000-square meter, with 20 computers, seating capacity for 162 people, 6 group work and multimedia rooms and a cosy environment.

All the references in the library of Acibadem University are cataloged and classified according to world wide scientific systems. For cataloguing, Anglo American Cataloguing Rules 2 and for classification, Library of Congress (LC) and National Library of Medicine (NLM) are used in our system. The library catalog, online resources and data bases are accessible 24/7 from out of the campus. The library has approximately 10,000 of book collections and online access to more than 14,000 e-journal via Ebsco, IEEE, Ovid, Science Direct, Taylor and Francis, web of Science, Scopus databases.

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 have to 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 units such as the cell to more complex systems including pathologies, in subject committees. 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.

- 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 both, theoretical lectures, practical studies and modules.

- Integrated programs within the subject committees will provide the equal participation of basic and clinical sciences to teach a particular organ system. As an example; the gastrointestinal system will be given in all aspects by contributions from basic sciences and clinical sciences. The courses include both, knowledge from basic sciences like anatomy, physiology, biochemistry and from clinical aspects like pathology, diagnosis, treatment and prevention.

- In Phase I, the curriculum consists of 23 subject committees; 7 in year I, 8 in year 2 and 8 in year 3.

- In Phase I, within subject committees interactive modules are organized. In these modules, students work in small groups under the guidance of a tutor and analyze cases related to the subject committee to acquire self-directed learning skills.

- Clinical Medicine and Professional Skills (CMPS) is a three-year interdisciplinary program of Phase I. This program is organized by the Departments of Public Health and Family Medicine and features five courses: Clinical and Communication Skills, Health and Society, Research in Health, and Medical Humanities. The CMPS program has been designed as an initial introduction to medical professionalism, providing a knowledge and skills-mixed tool box. 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. A more detailed description of the CMPS Program can be found on the forth following pages.

- Phase I also includes two important courses which include Information Technologies, Biostatistics, Bioinformatics and Biomedical Technologies. Information Technologies lessons provide the students with basic computer skills and give insight into medical information processing such as coding systems and use of electronic patient records. Biostatistics and bioinformatics provide students the basic tools for medical research. They help to classify and evaluate the huge amount of evidence and information produced every year around the world and sort out the relevant information for their own education and research. Biomedical technologies courses help the students to understand the basic principles of medical diagnostic or therapeutic instruments, the development of which continue overwhelmingly fast in our era.

These courses are expected to inspire innovative ideas that may lead to new medical discoveries.

- Year 4 and Year 5 are called “Clinical Clerkship Period” and comprise the training at hospital and primary care settings. Teaching staff of clinical departments supervise the students to work on a full-time basis. This clerkship periods focuses mainly on history taking, physical examinations and follow-up of patients as well as bedside practice, lectures and seminars.

- Year 6 is termed “Family Medicine Period” which lasts twelve months. The students take the responsibility of patient care under the supervision of teaching staff. Clinical rotations are absolved in Internal Medicine, Surgery and Emergency Care, Pediatrics, Gynecology and Obstetrics, Psychiatry and Public Health. The primary health care and community medicine perspective is incorporated in the training by 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 one mid-committee and a subject committee examinations. Clinical Medicine and Professional Skills courses are evaluated according to their learning outcomes which may vary based on educational methods. At the end of each year a final exam is held featuring all subjects given throughout the year.

- For Year 4 and Year 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 consist of 60% of the mean of the subject committee and 40% of final examination grades.

- 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 as one credit. ECTS credits are calculated based on students’ workload (featuring theoretical, practical hours and study time).

- For further information please consult the “Students’ Education and Assessment Rules” 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.



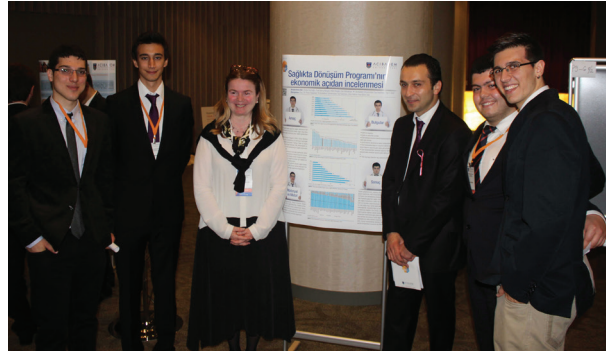
“Health and Society” Courses:

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:



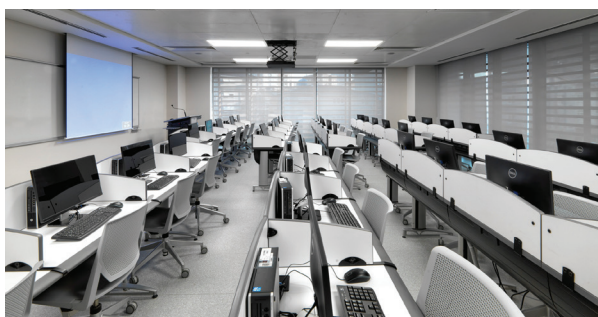
Multidisciplinary student laboratories

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.



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

2014-2015 ACADEMIC CALENDAR YEAR 1

FALL SEMESTER

Oct 13, 2014- Jan 30, 2015

MED 101 - Cellular Basis of Medicine

Subject Committee Examination

Oct 15-Nov 28, 2014

Nov 28, 2014

MED 103 - Cellular Transport and Metabolism

Subject Committee Examination

Dec 01, 2014 -Jan 30, 2015

Jan 30, 2015

MED 105 - Clinical Medicine & Professional Skills-I

Subject Committee Examination

Oct 16, 2014 -Jan 19, 2015

Jan 19, 2015

MED 107 - Medical Informatics

Subject Committee Examination

Oct 16, 2014- June 04, 2015

June 04, 2015

ENG 101 - Medical English-I

Course Examination

Oct 17, 2014- Jan 23, 2015

Jan 23, 2015

ELE 101 - Elective Course- I

Course Examination

Oct 21, 2014- Jan 20, 2015

Jan 20, 2015

TUR 101 - Turkish Language and Literature

Course Examination

Oct 15, 2014- Jan 21, 2015

Jan 21, 2015

ATA 101 - Atatürk Principles and History of Revolution

Course Examination

Oct 20, 2014- Jan 19, 2015

Jan 19, 2015

Midyear Recess

Feb 02-13, 2015

SPRING SEMESTER

Feb 16, 2015- June 12, 2015

MED 104 - From Cell to Tissue/ Tissue to Organ

Subject Committee Examination

Feb 16- Apr 10, 2015

Apr 10, 2015

MED 106 - Body Functions and Human Behavior

Subject Committee Examination

Apr 13- June 12, 2015

June 12, 2015

MED 108 - Clinical Medicine & Professional Skills-II

Subject Committee Examination

Feb 19- June 01, 2015

June 01, 2015

ENG 102 - Medical English-II

Course Examination

Feb 16- May 29, 2015

May 29, 2015

ELE 102 - Elective Course- II

Course Examination

Feb 17- May 26, 2015

May 26, 2015

TUR 102 - Turkish Language and Literature

Course Examination

Feb 18- May 27, 2015

May 27, 2015

ATA 102 - Atatürk Principles and History of Revolution

Course Examination

Feb 16- May 25, 2015

May 25, 2015

Final Examinations

July 10, 2015

Make up Examinations

August 11, 2015

Holidays

October 29, 2014 (Republic Day)

January 1, 2015 (New Year's Day)

April 23, 2015 (National Sovereignty and Children's Day)

May 1, 2015 (Labor and Solidarity Day)

May 19, 2015 (Commemoration Atatürk, Youth and Sports Day)

2014-2015 ACADEMIC CALENDAR YEAR 2

FALL SEMESTER

MED 201 – Cell and Tissue: Homeostasis

Subject Committee Examination

Oct 13 2014-Feb 07, 2015

Oct 13-Nov 12, 2014

Nov 12, 2014

MED 203 - Cell and Tissue: Infection and Neoplasia

Subject Committee Examination

Nov 13, Dec 31 2014

Dec 31, 2014

MED 205 –Hematopoietic System and Related Disorders

Subject Committee Examination

Jan 02, 2014-Feb 06, 2015

Feb 06, 2015

MED 207 - Clinical Medicine & Professional Skills-III

Subject Committee Examination

Oct 14, 2014- Jan 26, 2015

Jan 26, 2015

MED 209 - Medical Informatics and Biomedical Technologies-I

Subject Committee Examination

Oct 17 2014- June 05, 2015

June 05, 2015

ENG 201 - Medical English-III

Course Examination

Oct 22 2014- Jan 28, 2015

Jan 28, 2015

ELE 201 - Elective Course- III

Course Examination

Oct 23, 2014- Jan 29, 2015

Jan 29, 2015

Midyear Recess

Feb 09-20, 2015

SPRING SEMESTER

MED 206- Musculoskeletal System and Related Disorders

Subject Committee Examination

Feb 23- June 12, 2015

Feb 23- Apr 20 2015

Apr 20 2015

MED 208 –Respiratory System and Related Disorders

Subject Committee Examination

Apr 21-June 12, 2015

June 12, 2015

MED 210 - Clinical Medicine & Professional Skills-IV

Subject Committee Examination

Feb 24- June 08, 2015

June 08, 2015

ENG 202 - Medical English-IV

Course Examination

Feb 25 - May 27, 2015

May 27, 2015

ELE 202 - Elective Course- IV

Course Examination

Feb 26 - May 28, 2015

May 28, 2015

Final Examination

Make up Examination

July 09, 2015

August 06, 2015

Holidays

October 29, 2014 (Republic Day)

January 1, 2015 (New Year's Day)

April 23, 2015 (National Sovereignty and Children's Day)

May 1, 2015 (Labor and Solidarity Day)

May 19, 2015 (Commemoration Atatürk, Youth and Sports Day)

2014-2015 ACADEMIC CALENDAR YEAR 3

FALL SEMESTER

Oct 13, 2014 - Feb 06, 2015

MED 303 - Cardiovascular System and Related Disorders

Subject Committee Examination

Oct 13-Nov 17, 2014

Nov 17, 2014

MED 305 - Nervous System and Related Disorders

Subject Committee Examination

Nov 18, 2014-Dec 29, 2014

Dec 29, 2014

MED 307 - Growth, Development & Endocrine Disorders

Subject Committee Examination

Dec 30, 2014-Feb 06, 2015

Feb 06, 2015

MED 309 - Clinical Medicine & Professional Skills-V

Subject Committee Examination

Oct 22, 2014- Jan 30, 2015

Jan 30, 2014

MED 311 - Medical Informatics and Biomedical Technologies-II

Subject Committee Examination

Oct 22, 2014- May 29, 2015

May 29, 2015

ENG 301 - Medical English-V

Course Examination

Oct 14, 2014- Jan 27, 2015

Jan 27, 2015

Midyear Recess

Feb 09-20, 2015

SPRING SEMESTER

Feb 23, 2015 - June 11, 2015

MED 304 - Gastrointestinal System and Related Disorders

Subject Committee Examination

Feb 23- Apr 13, 2015

Apr 13, 2015

MED 306 - Urogenital System and Related Disorders

Subject Committee Examination

Apr 14- June 11, 2015

June 11, 2015

MED 308 - Clinical Medicine & Professional Skills-VI

Subject Committee Examination

Feb 25- June 03, 2015

June 03, 2015

ENG 302 - Medical English-VI

Course Examination

Feb 24- May 26, 2015

May 26, 2015

Final Examination

July 10, 2015

Make up Examination

August 10, 2015

Holidays

October 29, 2014 (Republic Day)

January 1, 2015 (New Year's Day)

April 23, 2015 (National Sovereignty and Children's Day)

May 1, 2015 (Labor and Solidarity Day)

May 19, 2015 (Commemoration Atatürk, Youth and Sports Day)

2014-2015 ACADEMIC CALENDAR YEAR 4

MED 401- Internal Medicine

Gruop A : Sep 01-Nov 14, 2014
Gruop B : Nov 17-Jan 30, 2015
Gruop C : Feb 02-Apr 17, 2015
Gruop D : Apr 20- July 03, 2014

MED 402- Surgery

Gruop D : Sep 01-Nov 07, 2014
Gruop A : Nov 17-Jan 23, 2015
Gruop B : Feb 02-Apr 10, 2015
Gruop C : Apr 20- Jun 26, 2015

MED 403 - Pediatrics & Pediatric Surgery

Gruop C : Sep 01-Nov 07, 2014
Gruop D : Nov17-Jan 23, 2015
Gruop A : Feb 02-Apr 10, 2015
Gruop B : Apr 20-Jun 26, 2015

MED 404- Obstetrics and Gynecology

Gruop B : Sep 01-Oct 21, 2014
Gruop C : Nov17-Jan 06, 2015
Gruop D : Feb 02-Mar 24, 2015
Gruop A : Apr 20-Jun 9, 2015

MED 405- Urology

Gruop B : Oct 22-Nov 07, 20143
Gruop C : Jan 07-Jan 23, 2015
Gruop D : Mar 25-Apr 10, 2015
Gruop A : Jun 10-Jun. 26, 2015

2014-2015 ACADEMIC CALENDAR YEAR 5

MED 501-Neurology	Group A: Sep 1-Sep 26, 2014 Group B: Nov 17-Dec 12, 2014 Group C: Mar 2-Mar 27, 2015
MED 502- Neurosurgery	Group A: Sep 29-Oct 24, 2014 Group B: Dec 15-Jan 9, 2015 Group C: Mar 30-Apr 24, 2015
MED 503- Psychiatry	Group A: Oct 27-Nov 14, 2014 Group B: Jan 12-Jan 30, 2015 Group C: Apr 27-May 15, 2015
MED 504- Otolaryngology - Head and Neck Surgery	Group C: Sep 01-Sep 19, 2014 Group A: Nov 17-Dec 5, 2014 Group B: Mar 2-Mar 20, 2015
MED 505- Ophthalmology	Group C: Sep 22-Oct 3, 2014 Group A: Dec 8-Dec 19, 2014 Group B: Mar 23-Apr 3, 2015
MED 506- Dermatology	Group C: Oct 6-Oct 24, 2014 Group A: Dec 22-Jan 9, 2015 Group B: Apr 6-Apr 24, 2015
MED 507- Radiology	Group C: Oct 27-Nov 14, 2014 Group A: Jan 12-Jan 30, 2015 Group B: Apr 27-May 15, 2015
MED 508- Orthopedics and Traumatology Physical Medicine and Rehabilitation	Group B: Sep 1-Oct 3, 2014 Group C: Nov 17-Dec 19, 2014 Group A: Mar 2-Apr 3, 2015
MED 509- Forensic Medicine	Group FM1: Feb 2-Feb 13, 2015 Group FM2: Feb 16-Feb 27, 2015
Elective Clerkship - 1	Group C: Oct 6-Oct 24, 2014 Group A: Dec 22-Jan 9, 2015 Group B: Apr 6-Apr 24, 2015
Elective Clerkship - 2	Group C: Oct 27-Nov 14, 2014 Group A: Jan 12-Jan 30, 2015 Group B: Apr 27-May 15, 2015
Elective Clerkship - 3	Group C: May 18-Jun 5, 2015 Group A: May 18-Jun 5, 2015 Group B: May 18-Jun 5, 2015

2014-2015 ACADEMIC CALENDAR YEAR 6

MED 609-Oriantation (Simulated Practice)	Jun 30-Jul 06, 2014
MED 601-Internal Medicine	Group B: Jul 7 - Aug 31, 2014 Group D: Sep 29 - Nov 23, 2014 Group C: Dec 22 2014 - Feb 15, 2015 Group A: Mar 16 - May 10, 2015
Med 602-General Surgery	Group D: Sep 1-Sep 28, 2014 Group B: Nov 24-Dec 21, 2014 Group A: Feb 16- Mar 15, 2015 Group C: Apr 13-May 10, 2015
MED 603-Pediatrics	Group A: Agu 4-Sep 28, 2014 Group C: Oct 27-Dec 21, 2014 Group D: Dec 22 2014-Feb 15, 2015 Group B: Mar 16-May 10, 2015
MED 604-Obstetrics & Gynecology	Group A: Jul 7-Aug 3, 2014 Group B: Sep 1-Sep 28, 2014 Group C: Sep 29-Oct 26, 2014 Group D: Nov 24-Dec 21, 2014
MED 605-Psychiatry	Group C: Sep 1-Sep 28, 2014 Group A: Nov 24-Dec 21, 2014 Group B: Feb 16- Mar 15, 2015 Group D: Apr 13-May 10, 2015
MED 606-Community Health & Primary Care	Group C: Jul 7-Aug 31, 2014 Group A: Sep 29- Nov 23, 2014 Group B: Dec 22 2014 - Feb 15, 2015 Group D: Feb 16- Apr 12, 2015
MED 607-Emergency Medicine	Group D: Jul 7- Aug 31, 2014 Group B: Sep 29-Nov 23, 2014 Group A: Dec 22 2014-Feb 15, 2015 Group C: Feb 17- Apr 12, 2015
MED 610- Elective Clerkship	Group A: May 11-Jun 28, 2015 Group B: May 11-Jun 28, 2015 Group C: May 11-Jun 28, 2015 Group D: May 11-Jun 28, 2015

Holidays

October 29, 2014 (Republic Day)
January 1, 2015 (New Year's Day)
April 23, 2015 (National Sovereignty and Children's Day)
May 1, 2015 (Labor and Solidarity Day)
May 19, 2015 (Commemoration Atatürk, Youth and Sports Day)

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			
	Information Technologies	Basic Concepts in 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 & Tissue : Homeostasis	Cell & Tissue: Infection and Neoplasia	Hematopoietic System and Related Disorders	Musculoskeletal System and Related Disorders	Pulmonary 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				
	Bioinformatics	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 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 & THERAPY				
Internal Medicine	Surgery	Pediatrics and Pediatric Surgery	Gynecology	Urology

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

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

YEAR 6				
INTERNSHIP				
Orientation (Simulated Practice)	Obstetrics & Gynecology	Pediatrics	Community health & Primary Care	Psychiatry
Emergency Medicine	General Surgery	Internal Medicine		





2014-2015 YEAR 1

SCHOOL OF MEDICINE

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	73	0	73	10	0	10	96	179	6	7
Cellular Transport and Metabolism	67	0	67	10	0	10	92	169	6	7
From Cell to Tissue / Tissue to Organ	82	10	92	13	0	13	100	195	7	7
Body Functions and Human Behavior	87	0	87	21	0	21	100	208	7	8
Clinical Medicine and Professional Skills-I	31	22	53	16	5	21	110	174	5	7
Clinical Medicine and Professional Skills-II	12	31	43	0	23	23	90	156	5	6
Medical Informatics	25	0	25	95	0	95	40	160	5	6
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	585	63	648	245	28	273	696	1617	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 INFORMATIONS

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	73	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	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committee Chairs	Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr Assist. Prof. Yavuz Oktay; yavuz.oktay@acibadem.edu.tr
Academic Units & Staff	<p>Biophysics: Beki KAN, Ph.D., Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Chemistry: Mert ÜLGEN., Ph.D., 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: Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Yavuz OKTAY, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D. Ph.D., Assist. Prof.</p> <p>Physics: Evren KILINÇ, Ph.D., Assist. Prof.</p> <p>Affiliated Faculty Burcu GÖKSAN YAVUZ, M.D., Assist. Prof.</p>
Course Date	15.10.2014-28.11.2014
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 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

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

- 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	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr					
Committee Chairs	Assist. Prof. Deniz Ağırbaşlı; deniz.agirbasli@acibadem.edu.tr Assist. Prof. Evren Kılınç; evren.kilinc@acibadem.edu.tr					
Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, M.D., Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc, 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.</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M. Ph.D., Prof. İbrahim ÜNSAL, M.D., PhD., Prof. Muhittin Serdar, M.D., Prof. Abdurrahman COŞKUN, M.D., Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Yavuz OKTAY, 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	01.12.2014-30.01.2015					
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

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

- 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
- explain the nucleic acid structure
- 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
- define the biochemical basis of metabolism

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	53	Credit	ECTS
			Practical (Hour)	21		
Clinical Medicine and Professional Skills -I	MED 105	Fall	Study Time (Hour)	110	5	7
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Serap ARBAK; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr					
CMPS Coordinators	Assoc. Prof. Pınar TOPSEVER pinar.topsever@acibadem.edu.tr Assist. Prof. Figen DEMİR, figen.demir@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>History of Medicine and Ethics Yeşim Işıl ÜLMAN, Ph.D., Prof. Fatih ARTVİNLİ, Ph.D., Assist. Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D., Prof. Figen DEMİR, M.D., Assist. Prof. Yeşim YASİN, MSc.</p> <p>Affiliated Faculty Şirin PARKAN, M.D. Dilek KİTAPÇIOĞLU, M.D. Ferah GÜVEN, M.D.</p>					
Course Date	16.10.2014-19.01.2015					
Educational Methods	Theoretical and practical sessions, drama, role playing, peer discussions, experiential learning and seminars, case studies and group presentations.					
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 • the necessity for a patient centred approach <p>Medical Ethics and Humanities: create a learning opportunity for students</p> <ul style="list-style-type: none"> • understand the historical process of the evolution of contemporary medicine and to get acquainted with main principles of bioethics and medical ethics • develop an awareness about her/his role as a physician • comprehend the universal principles of human rights and the right to health <p>First Aid</p> <ul style="list-style-type: none"> • administer first aid procedures in case of emergencies
Learning Outcomes	<p>By the end of this course, the students will;</p> <p>Communication Skills:</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 • name the steps of communication process during medical interview, • be aware of the importance of communication skills for “good clinical practice” • distinguish different levels of active listening, • 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"> • aware of the evolution of medical practice by reviewing concepts and principles of philosophy of medicine • familiar with the concept of bioethics and medical ethics • to apply ethical discourse and methodology to a medical context History of Medicine: • identify the role and functions of physician and 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>Physician’s role in community:</p> <ul style="list-style-type: none"> • analyze 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 asymmetric features

Human rights and right to health:

- explain and analyze human rights and right to health
- o explain the evolution of human rights
- o summarize the content and formation of third generation of human rights
- o list the basic documents produced concerning human rights and interpret their contents
- o define the main components of the right to health
- o be aware of the position of the right to health within human rights
- o correlate the right to health to the healthcare service
- o identify the violation of right to health
- o correlate human rights to bioethics namely human dignity, respect to individual, self-determination, informed consent, bodily integrity, non-discrimination, privacy, confidentiality and equity

First Aid:

- o name and justify the different steps of the first aid procedure;
- o administer first aid/basic life support procedures in case of emergencies

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	25	Credit	ECTS
			Practical (Hour)	95		
Medical Informatics	MED 107	Fall/Spring	Study time (Hour)	40	5	6

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap ARBAK, serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye AKYERLİ BOYLU, cemaliye.boylu@acibadem.edu.tr
Course Coordinators	Prof. Tanıl KOCAGÖZ, tanil.kocagoz@acibadem.edu.tr Assoc. Prof. Erdal COŞGUN, erdal.cosgun@acibadem.edu.tr Inst. Hülya KARAYAZI, hulya.karayazi@acibadem.edu.tr
Academic Units & Staff	Information Technologies: Beyza AKBAŞOĞLU Burak BAŞAL Engin BAYSOY Bioinformatics: Sinan FINDIK, MSc.
Course Date	16.10.2014-04.06.2015
Educational Methods	Theoretical and Practical Courses
Assessment Methods	Theoretical and practical examinations, Homeworks, Presentations
Course Aims	The first part of this course examines information technology and its components used in healthcare organizations. The survey starts with the basics of computer hardware and software systems, the latest technology products and their usages, and goes on with automation systems. During the course students will learn the basics of information technology, information security and confidentiality, usage of latest technology products especially Microsoft Office. The second part of this course is to explain the basic concepts in bioinformatics and to use important data basis such as BLAST and NCBI. Differential gene expression and clustering, phylogenetic analysis, sequencing and alignment, structural bioinformatics, biomarker discovery and computational medicine will be described.

Learning Outcomes	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> - gain knowledge on computer systems. (Operating, hardware and software systems, databases.) - use Microsoft Office products professionally. - make data analyses by Microsoft Excel functionalities. - create basic web sites. - gain skills about project management. - have experience on data security - learn about the importance of Information Technology infrastructure for improving the science. - review historical perspectives of bioinformatics - recognize access on bioinformatic data basis - use nucleic acid sequencing and alignment - describe and use differential gene expression and clustering - summarize functional pathway analysis - compare genes and their functions - define phylogenetic analysis - use BLAST on GenBank, NCBI and PDB protein structure data base - search nucleic acid databases in PubMed - understand how biomarkers can be discovered using bioinformatics - predict protein structure and function from sequence - understand how new drugs are designed by homology modeling - learn the principles synthetic biology
-------------------	---

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	92	Credit	ECTS
			Practical (Hour)	13		
From Cell to Tissue /From Tissue to Organ	MED 104	Spring	Study time (Hour)	100	7	7

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap ARBAK; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye AKYERLI BOYLU; cemaliye.boylu@acibadem.edu.tr
Committee Chairs	Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr Sinem Öktem OKULLU; sinem.oktem@acibadem.edu.tr Instructor.
Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, M.D., Prof. Elif Nedret KESKİNÖZ, MSc, Instructor</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. Muhittin Serdar, M.D., Prof.</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Özgür KURT, M.D., Ph.D., Assoc. Prof. Onur KARATUNA, M.D., Assist. Prof.</p> <p>Physiology: Meltem KOLGAZİ., Ph.D., Assist. Prof.</p>
Course Date	16.02.2015-10.04.2015
Educational Methods	Theoretical lectures and lab study, problem based learning modules
Assessment Methods	Theoretical and practical examinations, performance assessment.
Course Aims	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. Students will be oriented to problem-based learning by an interdisciplinary module related to the main topics of the subject committee.

<p>Learning Outcomes</p>	<p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> • 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)	87	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	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr					
Committee Chairs	Assist. Prof. Fatih Artvinli; fatih.artvinli@acibadem.edu.tr Instructor. Yeşim Yasin; op.yesim.yasin@acibadem.edu.tr					
Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, M.D., Prof. Elif Nedret KESKİNÖZ, M.Sc., Instructor</p> <p>Behavioral Sciences: İlyas GÖZ, Ph.D. Assoc. Prof. Ferzan CURUN, Ph.D., Assist. Prof. Fatih ARTVİNLİ, Ph.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.</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 Burcu Göksan YAVUZ, M.D., Assist. Prof.</p>					
Course Date	13.04.2015-12.06.2015					
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.					

Learning Outcomes

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

- 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)	43	Credit	ECTS
			Practical (Hour)	23		
Clinical Medicine and Professional Skills -II	MED 108	Spring	Study Time (Hour)	90	4	6

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap ARBAK; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@acibadem.edu.tr
CMPS Coordinators	Assoc. Prof. Pınar TOPSEVER pinar.topsever@acibadem.edu.tr Assist. Prof. Figen DEMİR, figen.demir@acibadem.edu.tr
Academic Units & Staff	<p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ, M.D., Instructor.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, MD., Ph.D., Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., PhD, Prof. Figen DEMİR, M.D., M.Sc, Assist. Prof. Yeşim YAŞIN, M.A., M.Sc., PhD Instructor.</p> <p>Affiliated Faculty İnci USER Ph.D, Assoc.Prof. Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN, M.D.</p>
Course Date	19.02.2015-01.06.2015
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

<p>Learning Outcomes</p>	<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"> ○ identify the differences between illness, disease and sickness ○ compare and contrast the medical concept of disease with individual and/or community perceptions and explanations of health and illness/ disease - explain the impact of medicine upon society <ul style="list-style-type: none"> ○ Labelling and stigmatization ○ Medicalization - explain the changing patterns of disease and health care throughout history and across cultures - explain the social determinants of health and illness <ul style="list-style-type: none"> ○ compare and contrast the theories of disease causation ○ define the socio demographic factors of health and illness - explain health issues in a global context - discuss the issue of social inequalities in health - explain the principle of equity in health care - explain the basic structure of the health care system in Turkey - make a field observation about the practice of primary health care <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
---------------------------------	---





**YEAR 1
FALL
SEMESTER
SCHEDULE**

13.10.2014 MONDAY

08:30 – 09:10	Opening Ceremony
09:20 – 10:00	
10:10 – 10:50	
11:00 – 11:40	
11:50 – 12:30	
16:00 – 18:00	White Coat Ceremony

14.10.2014 TUESDAY

08:30 – 09:10	Opening Remarks Acibadem University School of Medicine, Medical Education Program	Hasan Tanyeri Nadi Bakırcı
09:20 – 10:00	Acibadem University School of Medicine, Medical Education Program Acibadem University Lab Orientation	Nadi Bakırcı Aysel Özpınar
10:10 – 10:50	Plan In Emergency Situations	İlden Kibar
11:00 – 11:40	Erasmus Student Exchange Program	Ayşe Batman
11:50 – 12:30	Presentation for Acibadem University Kerem Aydınlar Campus Orientation	Ece Metin
13:30 – 14:10	Acibadem University Library Information Technologies in Acibadem University	Murat Gündoğdu
14:20 – 15:00	Information Technologies in Acibadem University Sport Activities & Teams at Acibadem University Art of Living in Istanbul	Hülya Karayazı Çiğdem Özkaya Şenüren
15:10 – 15:50	Art of Living in Istanbul	Serap Arbak
16:00 – 16:40		

15.10.2014 WEDNESDAY

08:30 – 09:10		
09:20 – 10:00	Introduction to MED 101 Subject Committee	Melike Şahiner – Yavuz Oktay
10:10 – 10:50	Origin of Life	Cemaliye Akyerli Boylu
11:00 – 11:40	Evolution and Genetics	Yavuz Oktay
11:50 – 12:30	Population Genetics	Yavuz Oktay
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	

16.10.2014 THURSDAY

08:30 – 09:10	Introduction to CMPS	Pınar Topsever, Figen Demir
09:20 – 10:00	Intoduction 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, Feray Güven, Dilek Kitapçioğlu
13:30 – 14:10	MI: Basic Computer Hardware Informations	Engin Baysoy
14:20 – 15:00	MI: Basic Computer Hardware Informations	Engin Baysoy
15:10 – 15:50	Introduction to Inorganic Chemistry in Medicine	Mert Ülgen
16:00 – 16:40	Introduction to Inorganic Chemistry in Medicine	Mert Ülgen

17.10.2014 FRIDAY

08:30 – 09:10	Nucleic Acids (DNA and RNA)	Yavuz Oktay
09:20 – 10:00	Genes and Heredity	Cemaliye Akyerli Boylu
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	Structure of Nucleic Acids	Abdurrahman Coşkun
16:00 – 17:30	Inorganic Nomenclature: Naming of Inorganic Compounds	Mert Ülgen

20.10.2014 MONDAY		
08:30 – 09:10	DNA Replication	Deniz Ağırbaşlı
09:20 – 10:00	DNA Repair and Recombination	Deniz Ağırbaşlı
10:10 – 10:50	Introduction to Biophysics	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 – 17:30	Study time	

21.10.2014 TUESDAY		
08:30 – 09:10	Biology and Genetics of Behavior	Burcu Göksan Yavuz
09:20 – 10:00	Biology and Genetics of Behavior	Burcu Göksan Yavuz
10:10 – 10:50	Biology and Genetics of Behavior	Burcu Göksan Yavuz
11:00 – 11:40	Vectors, forces, Newton's Laws	Oya Orun
11:50 – 12:30	Vectors, forces, Newton's Laws	Oya Orun
13:30 – 14:10	MI: Data & Communication Technology: Using & Managing Computers	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 – 17:30	Elective Course I	

22.10.2014 WEDNESDAY		
08:30 – 09:10	Metals and Non-Metals in Living Organisms	Mert Ülgen
09:20 – 10:00	Acids, Bases and Salts, Ionization, pH	Mert Ülgen
10:10 – 10:50	DNA Packaging and Cell Division Kinetics	Yavuz Oktay
11:00 – 11:40	Nucleus and Cell Division	Deniz Yücel
11:50 – 12:30	Nucleus and Cell Division	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	Study Time	
16:00 – 17:30	Study Time	

23.10.2014 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 – 15:00	MI: Office: Word_Group A	Engin Baysoy
15:10 – 16:40	LAB: Microscope Skills and Cell Types_Group A	Serap Arbak, Deniz Yücel

24.10.2014 FRIDAY		
08:30 – 09:10	Mixtures and Physical Systems in Chemistry	Mert Ülgen
09:20 – 10:00	Concentration Units and Important Analytical Calculations in Medicine	Mert Ülgen
10:10 – 10:50	Cell Cycle and Apoptosis	M. Cengiz Yakıcıer
11:00 – 11:40	Cell Cycle and Apoptosis	M. Cengiz Yakıcıer
11:50 – 12:30	Principles of Clinical Cytogenetics	Deniz Ağırbaşlı
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 16:40	LAB: Microscope Skills and Cell Types_Group B	Serap Arbak, Deniz Yücel

27.10.2014 MONDAY

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	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	Study Time	

28.10.2014 TUESDAY

08:30 – 09:10	Introduction to Organic Chemistry	Mert Ülgen
09:20 – 10:00	Classification, General Terms, Bonds, Properties of Organic Compounds	Mert Ülgen
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 Ağırbaşı

REPUBLIC DAY**29.10.2014 WEDNESDAY****REPUBLIC DAY****30.10.2014 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 – 15:00	MI: Office: Word _Group B-	Engin Baysoy
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

31.10.2014 FRIDAY

08:30 – 09:10	Usage of Hydrocarbons in Medicine	Mert Ülgen
09:20 – 10:00	Usage of Hydrocarbons in Medicine	Mert Ülgen
10:10 – 10:50	Flow of Genetic Information – Transcription	Yavuz Oktay
11:00 – 11:40	LAB: Nucleus and Cell Division _ Group A	Serap Arbak, Deniz Yücel
11:50 – 12:30	LAB: Nucleus and Cell Division _ Group B	Serap Arbak, 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 1 (CASE)	Dilek Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 1 (CASE)	Dilek Kitapçıoğlu, Feray Güven

03.11.2014 MONDAY		
09:20 – 10:50	MED101 MID-COMMITTEE EXAMINATION	Yavuz Oktay, Cemaliye Akyerli Boylu, Elif Nedret Keskinöz, Devrim Öz Arslan, Işıl Pakiş, Merve Açıkkel Elmas, Özge Can, Nihan Ünübol
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	

04.11.2014 TUESDAY		
08:30 – 09:10	Flow of Genetic Information – Translation	Yavuz Oktay
09:20 – 10:00	Control of Gene Expression and Epigenetics	Yavuz Oktay
10:10 – 10:50	Work, Energy and Power	Oya Orun
11:00 – 11:40	Work, Energy and Power	Oya Orun
11:50 – 12:30	Atoms, Molecules and Matter	Beki Kan
13:30 – 15:50	MI: Office: Word_Group A	Engin Baysoy
16:00 – 17:30	Elective Course I	

05.11.2014 WEDNESDAY		
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	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 17:30	MI: Office: Word_Group B	Engin Baysoy

06.11.2014 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 12:30	CMPS –I: Basic Communication Skills <i>Empathy</i>	Pınar Topsever Demet Dinç Şirin Parkan
13:30 – 16:40	MI: Office: Excel_Group A	Engin Baysoy

07.11.2014 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Water as a Living Environment	Devrim Öz Arslan
11:00 – 11:40	Role of Nitrogen Containing Functional Groups in Medicine	Mert Ülgen
11:50 – 12:30	Role of Nitrogen Containing Functional Groups in Medicine	Mert Ülgen
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, Feryat Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 2 (CASE)	Dilek Kitapçıoğlu, Feryat Güven

10.11.2014 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	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	

11.11.2014 TUESDAY

08:30 – 09:10	Introduction to Biochemistry	Aysel Özpınar Abdurrahman Coşkun
09:20 – 10:00	Introduction to Biochemistry	Aysel Özpınar Abdurrahman Coşkun
10:10 – 10:50	Tools of Molecular Biology & Genetics	Cemaliye Akyerli Boylu
11:00 – 11:40	Tools of Molecular Biology & Genetics	Cemaliye Akyerli Boylu
11:50 – 12:30	LAB: Basic Lab. Skills – Pipetting	Cemaliye Akyerli Boylu
13:30 – 15:50	MI: Office: Excel _Group A	Engin Baysoy
16:00 – 17:30	Elective Course I	

12.11.2014 WEDNESDAY

08:30 – 09:10	Radioactivity, Atomic Structure, Atomic Number	Mert Ülgen
09:20 – 10:00	The Importance of Radioactivity in Medicine, Isotopes	Mert Ülgen
10:10 – 10:50	LAB: DNA Isolation	Cemaliye Akyerli Boylu
11:00 – 11:40	LAB: DNA Isolation	Cemaliye Akyerli Boylu
11:50 – 12:30	LAB: DNA Isolation	Cemaliye Akyerli Boylu
13:30 – 14:10	Turkish Language and Literature	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 18:10	MI: Office: Excel _Group B	Engin Baysoy

13.11.2014 THURSDAY

08:30 – 09:10	Study Time	
09:20 – 12:30	CMPS –I: Basic Communication Skills <i>The Doctor-Patient Relationship I (CASE)</i>	Pınar Topsever, Efe Onganer Demet Dinç, Melike Şahiner, Şirin Parkan, Feray Güven, Dilek Kitapçioğlu
13:30 – 15:50	MI: Office: Excel _Group B	Engin Baysoy
16:00 – 16:40	Study Time	

14.11.2014 FRIDAY

08:30 – 09:10	Role of Sulphur Containing Functional Groups in Medicine	Mert Ülgen
09:20 – 10:00	Role of Sulphur Containing Functional Groups in Medicine	Mert Ülgen
10:10 – 10:50	LAB: Agarose Gel Electrophoresis	Cemaliye Akyerli Boylu
11:00 – 11:40	LAB: Agarose Gel Electrophoresis	Cemaliye Akyerli Boylu
11:50 – 12:30	LAB: Agarose Gel Electrophoresis	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 3 (CASE)	Dilek Kitapçioğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 3 (CASE)	Dilek Kitapçioğlu, Feray Güven

17.11.2014 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Molecular Basis of Genetic Diseases	Deniz Ağırbaşı
10:10 – 10:50	Molecular Basis of Genetic Diseases	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	

18.11.2014 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Chemical Reactions of Important Organic Molecules in Medicine	Mert Ülgen
10:10 – 10:50	Chemical Reactions of Important Organic Molecules in Medicine	Mert Ülgen
11:00 – 11:40	Pharmacogenetics	Cemaliye Akyerli Boylu
11:50 – 12:30	Gene Therapy	Yavuz Oktay
13:30 – 15:50	MI: Office: Access _Group A	Engin Baysoy
16:00 – 17:30	Elective Course I	

19.11.2014 WEDNESDAY		
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	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 – 17:30	MI: Office: Access _Group B	Engin Baysoy

20.11.2014 THURSDAY		
08:30 – 12:30	CMPS –I: Basic Communication Skills <i>The Doctor-Patient Relationship II</i>	Pınar Topsever Demet Dinç Melike Şahiner Şirin Parkan Efe Onganer,
13:30 – 15:50	MI: Office: PowerPoint_Group A	Engin Baysoy
16:00 – 17:30	MI: Office: Web Browsing and Communication_Group A	Beyza Akbaşoğlu

21.11.2014 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Effects of Organic Molecules in the Living Organism	Mert Ülgen
11:50 – 12:30	Effects of Organic Molecules in the Living Organism	Mert Ülgen
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 Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 4 (CASE)	Dilek Kitapçıoğlu, Feray Güven

24.11.2014 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		

25.11.2014 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		

26.11.2014 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		

27.11.2014 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		

28.11.2014 FRIDAY

08:30 – 09:10	MED101 SUBJECT COMMITTEE PRACTICAL AND THEORETICAL EXAMINATION		Yavuz Oktay Cemaliye Akyerli Boylu Elif Nedret Keskinöz Devrim Öz Arslan İşıl Pakiř Nihan Ünübol Patrick Owen Gery Ciftcioglu
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			

01.12.2014 MONDAY		
08:30 – 09:10	Introduction to MED 103 Subject Committee	Deniz Ağırbaşı - Evren Kılınc
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	

02.12.2014 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Endogenous Organic Compounds in the Body	Mert Ülgen
10:10 – 10:50	Endogenous Organic Compounds in the Body	Mert Ülgen
11:00 – 11:40	Structure of Amino Acids	Abdurrahman Coşkun
11:50 – 12:30	Structure of Amino Acids	Abdurrahman Coşkun
13:30 – 15:50	MI: Office: PowerPoint_Group B	Engin Baysoy
16:00 – 17:30	Elective Course I	

03.12.2014 WEDNESDAY		
08:30 – 09:10	Protein Structure and Function	Abdurrahman Coşkun
09:20 – 10:00	Protein Structure and Function	Abdurrahman Coşkun
10:10 – 12:30	CMPS-I: Medical Ethics and Humanities <i>Physician's Role in Community</i>	Nadi Bakırcı Pınar Topsever, Şirin Parkan Yeşim Işıl Ülman, Fatih Artvinli
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 B	Beyza Akbaşoğlu

04.12.2014 THURSDAY		
08:30 – 10:00	CMPS-I: Medical Ethics and Humanities <i>Introduction to the History of Medicine; Medicine at Bedside</i>	Yeşim Işıl Ülman
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 – 15:50	MI: Office: Programs' Exercise_Group A	Engin Baysoy
16:00 – 16:40	Study Time	

05.12.2014 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 Kılınc
11:50 – 12:30	Charges, Coulomb's Law, Insulators and Conductors	Evren Kılınc
13:30 – 15:00	Medical English I Mid-Term EXAMINATION	Gamze Kırıkçı, Görkem Gün, Yiğit Erdemgil
15:10 – 18:10	CMPS I: Basic Life Support Group 5 (CASE)	Dilek Kitapçıoğlu, Feray Güven

08.12.2014 MONDAY

08:30 – 09:10	Capacitors, Resistance, Direct Current	Evren Kılınc
09:20 – 10:00	Capacitors, Resistance, Direct Current	Evren Kılınc
10:10 – 10:50	Genome of Mitochondria	Yavuz Oktay
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	

09.12.2014 TUESDAY

08:30 – 09:10	Genomics in Medicine	Cengiz Yalcıner
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	Mert Ülgen
11:50 – 12:30	Endogenous Organic Compounds in the Body	Mert Ülgen
13:30 – 15:50	MI: Office: Programs' Exercise_Group B	Engin Baysoy
16:00 – 17:30	Elective Course I	

10.12.2014 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 12:30	CMPS-I: Medical Ethics and Humanities <i>Characteristics of Doctor-Patient/ Community Relations</i>	Nadi Bakırcı, Pınar Topsever, Şirin Parkan, Yeşim Işıl Ülman, Fatih Artvinli
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	Electrical Forces, Fields and Currents	Evren Kılınc
16:00 – 16:40	Electrical Forces, Fields and Currents	Evren Kılınc

11.12.2014 THURSDAY

08:30 – 10:00	CMPS-I: Medical Ethics and Humanities <i>Medicine in the Library: Medieval and Renaissance Medicine</i>	Yeşim Işıl Ülman
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	Electrochemical Potential, Nernst Potential	Evren Kılınc
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 B	Engin Baysoy
16:00 – 16:40	MI: Office: Programs' Exercise_Group B	Engin Baysoy

12.12.2014 FRIDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Cell Membrane Physiology	Mehmet Ergen
10:10 – 10:50	Cell Membrane Physiology	Mehmet Ergen
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	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

15.12.2014 MONDAY		
08:30 – 09:10	Laboratory Techniques in Organic Chemistry: Quantitative Methods	Mert Ülgen
09:20 – 10:00	Laboratory Techniques in Organic Chemistry: Quantitative Methods	Mert Ülgen
10:10 – 10:50	Applications of Recombinant DNA Technology in Medicine	Yavuz Oktay
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	

16.12.2014 TUESDAY		
08:30 – 09:10	Physical Principles: Diffusion and Facilitated Transport	Devrim Öz Arslan
09:20 – 10:00	Physical Principles: Diffusion and Facilitated Transport	Devrim Öz Arslan
10:10 – 12:30	LAB: Basic Lab. Skills _Group A	Mert Ülgen
13:30 – 15:50	MI: Term Project Presentations _Group A	Engin Baysoy
16:00 – 17:30	Elective Course I	

17.12.2014 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Active Transport and Secondary Active Transport	Devrim Öz Arslan
10:10 – 12:30	CMPS-I: Medical Ethics and Humanities <i>Introduction to Human Rights; What are the Human Rights?</i>	İbrahim Kaboğlu, Yeşim Ülman, Fatih Artvinli,
13:30 – 14:10	Turkish Language and Literature	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dünder Şahin
15:10 – 17:30	MI: Term Project Presentations _Group B	Engin Baysoy

18.12.2014 THURSDAY		
08:30 – 10:00	CMPS-I: Medical Ethics and Humanities <i>Medicine in Hospital: The influence of the Enlightenment and the Revolutionary Era</i>	Yeşim Işıl Ülman
10:10 – 10:50	LAB: Basic Lab. Skills _Group B	Mert Ülgen
11:00 – 12:30	LAB: Organic Reactions _Group B	Mert Ülgen
13:30 – 15:00	MI: Term Project Presentations _Group A	Engin Baysoy
15:10 – 16:40	MI: Term Project Presentations _Group B	Engin Baysoy

19.12.2014 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	

22.12.2014 MONDAY

09:20 – 10:50	MED 103 MID-COMMITTEE EXAMINATION	Evren Kılınç, Alp Bayramoğlu, Sinan Fındık, Erdal Coşgun, Gamze Kırıkçı, Işın Akyar, Merve Açikel Elmas, Nihan Ünübol
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	

23.12.2014 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: Software Technologies	Beyza Akbaşoğlu
14:20 – 15:00	MI: Network Technologies	Burak Başal
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I	

24.12.2014 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Human Genome Project in Medicine	Cemaliye Akyerli Boylu
10:10 – 12:30	CMPS-I: Medical Ethics and Humanities <i>Evolution of Human Rights</i>	Yeşim Ülman, Fatih Artvinli,
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: Internet	Burak Başal
16:00 – 16:40	MI: Internet	Burak Başal

25.12.2014 THURSDAY

08:30 – 10:50	CMPS-I: Medical Ethics and Humanities <i>Right to Health-I</i>	Yeşim Işıl Ülman, Fatih Artvinli, Yeşim Yasin
11:00 – 11:40	Membrane Potential and Action Potential	Evren Kılınç
11:50 – 12:30	Membrane Potential and Action Potential	Evren Kılınç
13:30 – 14:10	MI: Security and Unified Communications, Call Centres	Burak Başal
14:20 – 15:00	MI: Security and Unified Communications, Call Centres	Burak Başal
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

26.12.2014 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 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

29.12.2014 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:50	LAB: Purification 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 – 17:30	LAB: Purification Techniques _Group B	Mert Ülgen
30.12.2014 TUESDAY		
08:30 – 10:50	CMPS-I: Medical Ethics and Humanities <i>Right to Health-II</i>	Yeşim Işıl Ülman, Fatih Artvinli, Yeşim Yasin
11:00 – 11:40	Flow of Energy in Nature, First Law of Thermodynamics	Beki Kan
11:50 – 12:30	Flow of Energy in Nature, First Law of Thermodynamics	Beki Kan
13:30 – 15:50	MED107 SUBJECT COMMITTEE (IT) EXAMINATION	Engin Baysoy, Sinan Fındık, Yiğit Erdemgil, Erdal Coşgun, Özge Can
16:00 – 17:30	Elective Course I	
31.12.2014 WEDNESDAY		
08:30 – 10:00	CMPS-I: Medical Ethics and Humanities <i>Medicine in the Community: Emergence of Public Health</i>	Fatih Artvinli
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	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	
01.01.2015 THURSDAY		
	HOLIDAY	
02.01.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:50	LAB: Separation Techniques _Group A	Mert Ülgen
11:00 – 12:30	LAB: Separation Techniques _Group B	Mert Ülgen
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 Kitapçioğlu, Feryay Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 8 (CASE)	Dilek Kitapçioğlu, Feryay Güven

05.01.2015 MONDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	The Second Law of Thermodynamics, Entropy, Free Energy	Beki Kan
10:10 – 10:50	The Second Law of Thermodynamics, Entropy, Free Energy	Beki Kan
11:00 – 11:40	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: MID-COMMITTEE EXAMINATION	Pınar Topsever, Yeşim Işıl Ülman, Pelin Akça, Figen Demir, Melike Şahiner, Fatih Artvinli Sinem Öktem Okullu, Patrick Owen

06.01.2015 TUESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Enzymes: Mechanisms of Action	İbrahim Ünsal
11:00 – 11:40	Enzymes: Mechanisms of Action	İbrahim Ünsal
11:50 – 12:30	Free Energy and Thermodynamic Properties of Water	Beki Kan
13:30 – 14:10	MI: Introduction to Bioinformatics	Sinan Fındık
14:20 – 15:00	MI: Medicine and Information	Sinan Fındık
15:10 – 15:50	MI: Medicine and Information	Sinan Fındık
16:00 – 17:30	Elective Course I	

07.01.2015 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	CMPS-I: Medical Ethics and Humanities <i>Medicine in the Laboratory: Medicine Becomes Science</i>	Yeşim Işıl Ülman, Fatih Artvinli
11:00 – 12:30	LAB: Action Potential _Group A	Mehmet Ergen
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	

08.01.2015 THURSDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	CMPS-I: Medical Ethics and Humanities <i>Medicine in the Modern World: Legacy of the Centuries; History of Medicine in Turkey</i>	Yeşim Işıl Ülman, Fatih Artvinli
11:00 – 12:30	LAB: Action Potential _Group B	Mehmet Ergen
13:30 – 14:10	MI: Computers in Biology and Medicine	Sinan Fındık
14:20 – 15:00	MI: Computers in Biology and Medicine	Sinan Fındık
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

09.01.2015 FRIDAY

08:30 – 12:30	CMPS-I: Medical Ethics and Humanities <i>History of Medicine in Istanbul Field Study</i>	Yeşim Işıl Ülman Fatih Artvinli
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 Kitapçıoğlu, Feray Güven
16:40 – 18:10	CMPS I: Basic Life Support Group 9 (CASE)	Dilek Kitapçıoğlu, Feray Güven

12.01.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Coupling of Biological Reactions with High Energy Metabolites	Beki Kan
10:10 – 10:50	Coupling of Biological Reactions with High Energy Metabolites	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	Study Time	

13.01.2015 TUESDAY		
08:30 – 09:10	Introduction to Anatomy and Anatomical Terminology	Alp Bayramoğlu
09:20 – 10:00	Introduction to Human Anatomy	Elif N. Keskinöz
10:10 – 10:50	Introduction to Human Anatomy	Elif N. Keskinöz
11:00 – 11:40	LAB: Introduction to Human Anatomy_Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:50 – 12:30	LAB: Introduction to Human Anatomy_Group B	Alp Bayramoğlu-Elif N. Keskinöz
13:30 – 15:50	MI: Genetics in Medicine-From Bench to Bedside	Sinan Fındık
16:00 – 17:30	Elective Course I	

14.01.2015 WEDNESDAY		
08:30 – 12:30	CMPS-I First Aid Course Lecture (CASE)	Dilek Kitapçıoğlu, Feray Güven
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	

15.01.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Enzyme Regulation	İbrahim Ünsal
11:50 – 12:30	Enzyme Regulation	İbrahim Ünsal
13:30 – 14:10	MI: Historical Perspective of Bioinformatics	Sinan Fındık
14:20 – 15:00	MI: A Rapidly Maturing Science	Sinan Fındık
15:10 – 15:50	MI: A Rapidly Maturing Science	Sinan Fındık
16:00 – 16:40	Study Time	

16.01.2015 FRIDAY		
08:30 – 12:30	CMPS-I: Medical Ethics and Humanities <i>History of Medicine Museum Visit</i>	Yeşim Işıl Ülman Fatih Artvinli
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

19.01.2015 MONDAY

08:30 – 10:50	MED 105 CMPS-I Subject Committee EXAMINATION	Pınar Topsever, Yeşim İşil Ülman, Merve Açık Elmas, Figen Demir, Melike Şahiner, Fatih Artvinli, Sinem Öktem Okullu, Patrick Owen
11:00 – 12:30	Atatürk's Principles and History of Revolution EXAMINATION	Pelin Akça, Yiğit Erdemgil
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	

20.01.2015 TUESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Introduction to Metabolism	Aysel Özpınar
11:00 – 11:40	Introduction to Metabolism	Aysel Özpınar
11:50 – 12:30	Energetics of Electron Transport	Beki Kan
13:30 – 14:10	MI: A Rapidly Maturing Science	Sinan Fındık
14:20 – 15:00	MI: A Rapidly Maturing Science	Sinan Fındık
15:10 – 15:50	Study Time	
16:00 – 17:30	Elective Course I EXAMINATION	

21.01.2015 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 – 15:00	Turkish Language and Literature EXAMINATION	Görkem Gün, Yasemin Furtun
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

22.01.2015 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 – 15:50	MI: Critical Readings for Bioinformatics	Sinan Fındık
16:00 – 16:40	Study Time	

23.01.2015 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 – 15:00	Medical English I Final EXAMINATION	Gamze Kırıkçı, Görkem Gün, Yiğit Erdemgil
15:10 – 15:50	Carbohydrate Structure and Function	Muhittin Serdar
16:00 – 16:40	Carbohydrate Structure and Function	Muhittin Serdar

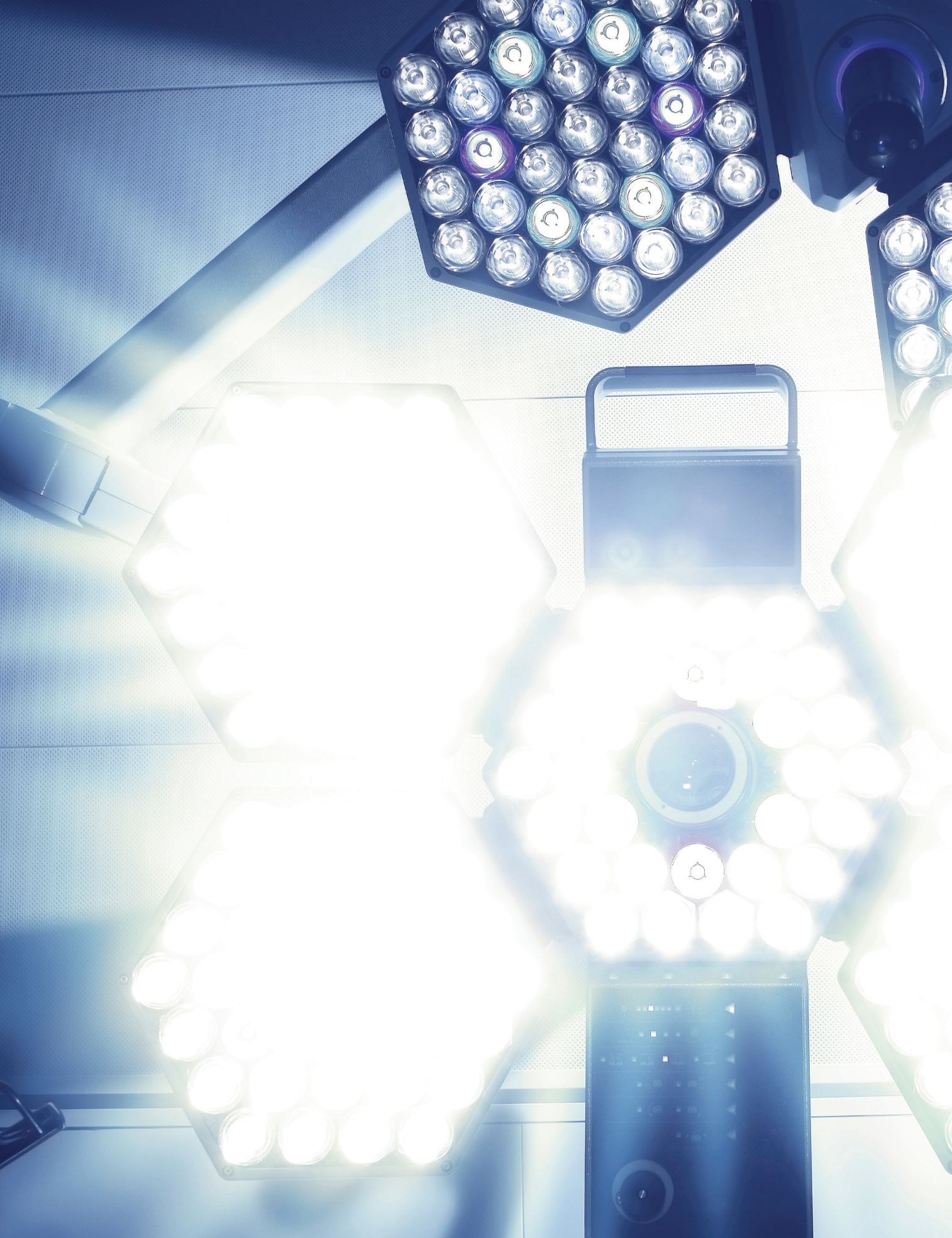
26.01.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Study Time	
11:00 – 11:40	Study Time	
11:50 – 12:30	Study Time	
13:30 – 14:10	Study Time	
14:20 – 15:00	Study Time	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

27.01.2015 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	

28.01.2015 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	

29.01.2015 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	

30.01.2015 FRIDAY		
08:30 – 09:10	MED 103 SUBJECT COMMITTEE PRACTICAL AND THEORETICAL EXAMINATION	Evren Kılınc Alp Bayramoğlu Sinan Fındık Erdal Coşgun Işın Akyar Nihan Ünübol Patrick Owen Gery Ciftcioglu
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		





**YEAR 1
SPRING
SEMESTER
SCHEDULE**

16.02.2015 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	

17.02.2015 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	High Energy Compounds and Metabolic Control	Abdurrahman Coşkun
11:50 – 12:30	High Energy Compounds and Metabolic Control	Abdurrahman Coşkun
13:30 – 14:10	MI: Bioinformatics Tools, Databases and Methods	Sinan Fındık
14:20 – 15:00	MI: Bioinformatics Tools, Databases and Methods	Sinan Fındık
15:10 – 15:50	MI: Bioinformatics Tools, Databases and Methods	Sinan Fındık
16:00 – 17:30	Elective Course II	

18.02.2015 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	
16:00 – 16:40	Study Time	

19.02.2015 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 Social Sciences in Health Perception and Explanation of health and illness/disease	İnci User, Pınar Topsever, Figen Demir, Melike Şahiner, Yeşim Yasin, Nadi Bakırca, Şirin Parkan, Fatih Artvinli
13:30 – 15:00	MI: Bioinformatics Tools, Databases and Methods	Sinan Fındık
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

20.02.2015 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 – 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 – 16:40	LAB: Histology of Lining and Glandular Epithelium _Group B	Serap Arbak – Deniz Yücel

23.02.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 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 – 17:30	LAB: Histology of Connective Tissue_Group B	Serap Arbak – Deniz Yücel

24.02.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	General Structure of Fungi	Onur Karatuna
10:10 – 10:50	General Structure of Fungi	Onur Karatuna
11:00 – 11:40	Oogenesis	Serap Arbak
11:50 – 12:30	Oogenesis	Serap Arbak
13:30 – 15:50	MI: Effective Use of NCBI Tools and Databases	Sinan Fındık
16:00 – 17:30	Elective Course II	

25.02.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
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	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	

26.02.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:50	CMPS-II: Health and Society Health, Disease and Illness	İnci User, Yeşim Yasin Kültegin Ögel
11:00 – 12:30	CMPS-II: Health and Society Labeling, Stigmatization and Medicalization	Kültegin Ögel, Yeşim Yasin İnci User
13:30 – 15:00	MI: Effective Use of NCBI Tools and Databases	Sinan Fındık
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

27.02.2015 FRIDAY		
08:30 – 09:10	Spermatogenesis	Deniz Yücel
09:20 – 10:00	Glycogenesis and Glycogenolysis	Muhittin Serdar
10:10 – 10:50	Glycogenesis and Glycogenolysis	Muhittin Serdar
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	Glycogenesis and Glycogenolysis	Muhittin Serdar
16:00 – 16:40	Glycogenesis and Glycogenolysis	Muhittin Serdar

02.03.2015 MONDAY

08:30 – 09:10	Study Time	
09:20 – 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	Study Time	

03.03.2015 TUESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	TCA Cycle	Aysel Özpınar
10:10 – 10:50	TCA Cycle	Aysel Özpınar
11:00 – 11:40	Fertilization	Deniz Yücel
11:50 – 12:30	Implantation	Serap Arbak
13:30 – 15:50	MI: Bioinformatics Data Resources and Tools at the EBI	Sinan Fındık
16:00 – 17:30	Elective Course II	

04.03.2015 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	LAB: Histology of Bone and Cartilage_Group B	Serap Arbak - Deniz Yücel
11:00 – 11:40	Oxidative Phosphorylation and Electron Transport Chain	Abdurrahman Coşkun
11:50 – 12:30	Oxidative Phosphorylation and Electron Transport Chain	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	Study Time	
16:00 – 16:40	Study Time	

05.03.2015 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 – 12:30	CMPS-II: Health and Society	İnci User
	Changing Patterns of Disease: Social History of Disease	Yeşim Yasin
13:30 – 14:10	MI: Bioinformatics Data Resources and Tools at the EBI	Sinan Fındık
14:20 – 15:00	MI: Bioinformatics Tools for Genome Analysis	Sinan Fındık
15:10 – 15:50	Lower Extremity Bones	Alp Bayramoğlu
16:00 – 16:40	Lower Extremity Bones	Alp Bayramoğlu

06.03.2015 FRIDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Oxidative Phosphorylation and Electron Transport Chain	Abdurrahman Coşkun
10:10 – 10:50	Oxidative Phosphorylation and Electron Transport Chain	Abdurrahman Coşkun
11:00 – 11:40	Histology of Muscle Tissue	Serap Arbak
11:50 – 12:30	Histology of Muscle Tissue	Serap Arbak
13:30 – 14:10	Medical English	
14:20 – 15:00	Medical English	
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

09.03.2015 MONDAY		
09:20 – 10:50	MED 104 MID- COMMITTEE EXAMINATION	Sinem Öktem Okullu, Deniz Yücel, Evren Kılınç, Görkem Gün, Meltem Kolgazi, Onur Karatuna, Pelin Akça, Merve Açık Elmas
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	

10.03.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Histology of Nervous Tissue	Deniz Yücel
11:00 – 11:40	Histology of Nervous Tissue	Deniz Yücel
11:50 – 12:30	Induction Mechanisms of Embryology	Serap Arbak
13:30 – 15:50	MI: Tools for Genome Analysis	Sinan Fındık
16:00 – 17:30	Elective Course II	

11.03.2015 WEDNESDAY		
08:30 – 09:10	Histology of Skin and Adnex	Deniz Yücel
09:20 – 10:00	Histology of Skin and Adnex	Deniz Yücel
10:10 – 12:30	LAB: Upper and Lower extremity bones _Group A	Alp Bayramoğlu - 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 – 16:40	LAB: Histology of Muscle Tissue _Group A	Serap Arbak - Deniz Yücel

12.03.2015 THURSDAY		
08:30 – 12:30	CMPS-II: Health and Society Disease Causation Theories	İnci User Pınar Topsever Yeşim Yasin Figen Demir
13:30 – 14:10	MI: Statistical Genetics	Sinan Fındık
14:20 – 15:00	MI: Statistical Genetics	Sinan Fındık
15:10 – 16:40	LAB: Histology of Muscle Tissue _Group B	Serap Arbak - Deniz Yücel

13.03.2015 FRIDAY		
08:30 – 10:50	LAB: Upper and Lower extremity bones _Group B	Alp Bayramoğlu - Elif N. Keskinöz
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	

16.03.2015 MONDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Introduction to Nervous System Physiology	Meltem Kolgazi
10:10 – 10:50	Introduction to Nervous System Physiology	Meltem Kolgazi
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	

17.03.2015 TUESDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	LAB: Histology of Nervous Tissue and Skin _Group A	Serap Arbak - Deniz Yücel
11:00 – 12:30	LAB: Histology of Nervous Tissue and Skin _Group B	Serap Arbak - Deniz Yücel
13:30 – 14:10	MI: Biological Sequence Analysis	Sinan Fındık
14:20 – 15:00	MI: Biological Sequence Analysis	Sinan Fındık
15:10 – 15:50	MI: Biological Sequence Analysis	Sinan Fındık
16:00 – 17:30	Elective Course II	

18.03.2015 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Amino Acid and Protein Metabolism	Abdurrahman Coşkun
11:00 – 11:40	Amino Acid and Protein Metabolism	Abdurrahman Coşkun
11:50 – 12:30	Neurotransmitters	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	

19.03.2015 THURSDAY

08:30 – 10:50	CMPS-II: Health and Society Basic Health Outcomes and Burden of Disease	Figen Demir
11:00 – 11:40	CMPS-II: Health and Society Interactive Module	İnci User, Figen Demir, Pınar Topsever, Melike Şahiner, Şirin Parkan, Cemaliye Akyerli Boylu, Devrim Öz Arslan, Yeşim Yasin, Fatih Artvinli
11:50 – 12:30		
13:30 – 14:10	MI: Biological Sequence Analysis	Sinan Fındık
14:20 – 15:00	MI: Molecular Phylogenetic Techniques	Sinan Fındık
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

20.03.2015 FRIDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Neuromuscular junction	Meltem Kolgazi
10:10 – 10:50	Neuromuscular junction	Meltem Kolgazi
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	

23.03.2015 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	

24.03.2015 TUESDAY		
08:30 – 09:10	General Structure of Viruses	Tanıl Kocagöz
09:20 – 10:00	General Structure of Viruses	Tanıl Kocagöz
10:10 – 10:50	Formation of Neurulation and Organ Systems	Serap Arbak
11:00 – 11:40	Formation of Neurulation and Organ Systems	Serap Arbak
11:50 – 12:30	Development of Skin and Adnex	Deniz Yücel
13:30 – 14:10	MI: Molecular Phylogenetic Technologies	Sinan Fındık
14:20 – 15:00	MI: Molecular Phylogenetic Technologies	Sinan Fındık
15:10 – 15:50	MI: Structure Analysis of Biological Molecules	Sinan Fındık
16:00 – 17:30	Elective Course II	

25.03.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Hexose Monophosphate Shunt	Aysel Özpınar
10:10 – 10:50	Hexose Monophosphate Shunt	Aysel Özpınar
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	

26.03.2015 THURSDAY		
08:30 – 10:00	CMPS-II: Health and Society Interactive Module	İnci User, Figen Demir, Pınar Topsever, Melike Şahiner, Şirin Parkan, Cemaliye Akyerli Boylu, Devrim Öz Arslan, Yeşim Yasin, Fatih Artvinli
10:10 – 10:50	CMPS-II: Health and Society Population Groups	İnci User, Yeşim Yasin
11:00 – 12:30	CMPS-II: Health and Society Social Stratification and Health	İnci User, Yeşim Yasin
13:30 – 15:00	CMPS-II: Health and Society General Structure of The Health Care System in Turkey	Pınar Topsever
15:10 – 15:50	Reviewing Literature	Figen Demir-Murat Gündoğdu
16:00 – 16:40	Reviewing Literature	Figen Demir-Murat Gündoğdu

27.03.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Extraembryonic Structures	Serap Arbak
10:10 – 10:50	Extraembryonic Structures	Serap Arbak
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 15:00	Medical English II Mid-Term EXAMINATION	
15:10 – 15:50	Preparation for Interactive Module	
16:00 – 16:40	Preparation for Interactive Module	

30.03.2015 MONDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Metabolism of Nucleic Acid	Abdurrahman Coşkun
10:10 – 10:50	Metabolism of Nucleic Acid	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	

31.03.2015 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	Meltem Kolgazi
11:50 – 12:30	Autonomic Nervous System	Meltem Kolgazi
13:30 – 15:50	MI: Structure Analysis of Biological Molecules	Sinan Fındık
16:00 – 17:30	Elective Course II	

01.04.2015 WEDNESDAY

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	Biosynthesis of Lipids	Abdurrahman Coşkun
11:50 – 12:30	Biosynthesis of Lipids	Abdurrahman Coşkun
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	Oxidation of Lipids	Abdurrahman Coşkun
16:00 – 16:40	Oxidation of Lipids	Abdurrahman Coşkun

02.04.2015 THURSDAY

08:30 - 12:30	CMPS-II: Health and Society Primary Health Care in Turkey Site Visit-PHC facilities (Group A)	Pınar Topsever, Figen Demir, Şirin Parkan, Demet Dinç, Efe Onganer, Melike Şahiner, Fatih Artvinli, Yeşim Yasin
13:30 – 14:10	MI: Structural Bioinformatics	Sinan Fındık
14:20 – 15:00	MI: Structural Bioinformatics	Sinan Fındık
15:10 – 15:50	MI: Structural Bioinformatics	Sinan Fındık
16:00 – 16:40	Study Time	

03.04.2015 FRIDAY

08:30 – 12:30	CMPS-II: Health and Society Primary Health Care in Turkey Site Visit-PHC facilities (Group B)	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 – Muhittin Serdar
14:20 – 15:00	Small Group Discussion: Disorders of Carbohydrate Metabolism	Aysel Özpınar - Muhittin Serdar
15:10 – 15:50	Small Group Discussion: Disorders of Carbohydrate Metabolism	Aysel Özpınar - Muhittin Serdar
16:00 – 16:40	Small Group Discussion: Disorders of Carbohydrate Metabolism	Aysel Özpınar - Muhittin Serdar

06.04.2015 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	
07.04.2015 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	
08.04.2015 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	
09.04.2015 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	
10.04.2015 FRIDAY		
08:30 – 09:10	MED 104 SUBJECT COMMITTEE PRACTICAL AND THEORETICAL EXAMINATION	Sinem Öktem Okullu Deniz Yücel Evren Kılınc Görkem Gün Meltem Kolgazi Onur Karatuna Pelin Akça Merve Açıklı Elmas
09:20 – 10:00		
10:10 – 10:50		
11:00 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

13.04.2015 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	

14.04.2015 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 – 15:50	MI: Protein Bioinformatics	Sinan Fındık
16:00 – 17:30	Elective Course II	

15.04.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 12:30	LAB: Skull _Group A	Alp Bayramoğlu-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 – 17:30	LAB: Skull _Group B	Alp Bayramoğlu-Elif N. Keskinöz

16.04.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	CMPS II: Research in Health Introduction to Research in Health and Scientific Methodology	Figen Demir Pınar Topsever
11:00 – 12:30	CMPS II: Research in Health An example of scientific thinking:study of Ignaz Semmelweis	
13:30 – 14:10	MI: Gene Expression and Pathways	Sinan Fındık
14:20 – 15:00	MI: Gene Expression and Pathways	Sinan Fındık
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

17.04.2015 FRIDAY		
08:30 – 09:10	Base of Skull	Alp Bayramoğlu
09:20 – 10:00	Base of Skull	Alp Bayramoğlu
10:10 – 10:50	Study Time	
11:00 – 11:40	Vertebral Column, Ribs and Sternum	Alp Bayramoğlu
11:50 – 12:30	Vertebral Column, Ribs and Sternum	Alp Bayramoğlu
12:30 – 13:30		
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	

20.04.2015 MONDAY		
08:30 – 09:10	Study Time	
09:20 – 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

21.04.2015 TUESDAY		
08:30 – 09:10	Theories of Psychopathology	Burcu Göksan Yavuz
09:20 – 10:00	Theories of Psychopathology	Burcu Göksan Yavuz
10:10 – 10:50	Theories of Psychopathology	Burcu Göksan Yavuz
11:00 – 11:40	Nature of Waves	Evren Kılınc
11:50 – 12:30	Nature of Waves	Evren Kılınc
13:30 – 14:10	MI: Gene Expression and Pathways	Sinan Findık
14:20 – 15:00	MI: Gene Expression and Pathways	Sinan Findık
15:10 – 15:50	MI: Gene Expression and Pathways	Sinan Findık
16:00 – 17:30	Elective Course II	

22.04.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:50	LAB: Vertebral column, Ribs and Sternum_Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:00 – 12:30	LAB: Vertebral column, Ribs and Sternum_Group B	Alp Bayramoğlu-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	

23.04.2015 THURSDAY		
National Sovereignty and Children's Day		

24.04.2015 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	

27.04.2015 MONDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Overview to central nervous system	Alp Bayramođlu
10:10 – 10:50	Overview to central nervous system	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 – 16:40	Study Time	

28.04.2015 TUESDAY

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 Kalgazi
13:30 – 14:10	MI: Synthetic Biology	Sinan Fındık
14:20 – 15:00	MI: Synthetic Biology	Sinan Fındık
15:10 – 15:50	MI: Synthetic Biology	Sinan Fındık
16:00 – 17:30	Elective Course II	

29.04.2015 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50	Personality and temperament	Ferzan Curun
11:00 – 11:40	Personality and temperament	Ferzan Curun
11:50 – 12:30	Personality and temperament	Ferzan Curun
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	

30.04.2015 THURSDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	CMPS-II: Mid-Committee Examination	Özgür Kurt, Yeşim Işıl Ülman, Yeşim Yasin, Figen Demir, Melike Şahiner, Işıl Pakiç, Sinem Öktem Okullu, Patrick Owen
11:00 – 12:30	CMPS II: Research in Health <i>Scientific Thinking and Reasoning</i>	İsmail Hakkı Ulus
13:30 – 14:10	MI: Biomarker Discovery	Sinan Fındık
14:20 – 15:00	MI: Biomarker Discovery	Sinan Fındık
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	
16:00 – 16:40	Study Time	

01.05.2015 FRIDAY

Labour and Solidarity Day

04.05.2015 MONDAY		
09:20 – 10:50	MED 106 MID- COMMITTEE EXAMINATION	Fatih Artvinli,Aysel Özpınar,Beste Kınıkoğlu,Devrim Öz Arslan,Güldal Süyen,Melike Şahiner,Nihan Ünübol,Patrick Owen
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	

05.05.2015 TUESDAY		
08:30 – 09:10	Stages of Psychosocial Development	Ferzan Curun
09:20 – 10:00	Motivation and Behavior	Ferzan Curun
10:10 – 10:50	Motivation and Behavior	Ferzan Curun
11:00 – 11:40	Biophysics of photoreception	Beki Kan
11:50 – 12:30	Biophysics of photoreception	Beki Kan
13:30 – 15:50	MI: Bioinformatics of High-throughput Analysis	Sinan Fındık
16:00 – 17:30	Elective Course II	

06.05.2015 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 Dündar Şahin
14:20 – 15:00	Turkish Language and Literature	Hülya Dündar Şahin
15:10 – 16:40	LAB: Nervous System _Group A	Alp Bayramoğlu-Elif N. Keskinöz

07.05.2015 THURSDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 12:30	CMPS II: Research in Health Introduction to Epidemiology	Figen Demir
13:30 – 15:00	MI: Bioarrays and Analysis	Sinan Fındık
15:10 – 16:40	LAB: Nervous System _Group B	Alp Bayramoğlu-Elif N. Keskinöz

08.05.2015 FRIDAY		
08:30 – 09:10	The Orbit and Eyeball	Elif N. Keskinöz
09:20 – 10:00	The Orbit and Eyeball	Elif N. Keskinöz
10:10 – 10:50	The Orbit and Eyeball	Elif N. Keskinöz
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 Kılınç
16:00 – 16:40	Optics of vision	Evren Kılınç

11.05.2015 MONDAY

08:30 – 09:10	The Ear	Alp Bayramoğlu
09:20 – 10:00	The Ear	Alp Bayramoğlu
10:10 – 10:50	The Ear	Alp Bayramoğlu
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	Medical English II	
16:00 – 16:40	Study Time	

12.05.2015 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 – 15:50	MI: Computational Medicine	Sinan Fındık
16:00 – 17:30	Elective Course II	

13.05.2015 WEDNESDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	LAB: The Orbit and Eyeball _Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:00 – 12:30	LAB: The Orbit and Eyeball _Group B	Alp Bayramoğlu-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 – 16:40	LAB: Histology of Nervous System _Group A	Serap Arbak , Deniz Yücel

14.05.2015 THURSDAY

08:30 – 09:10	Histology of Ear	Serap Arbak
09:20 – 10:00	Histology of Ear	Serap Arbak
10:10 – 10:50	CMPS II: Research in Health Causation in Epidemiology: Types of Association	Figen Demir
11:00 – 11:40	Causation in Epidemiology:Types of Causal Relationship	Pınar Topsever
11:50 – 12:30	Causation in Epidemiology:Criteria for Causality	
13:30 – 14:10	MI: Computational Medicine	Sinan Fındık
14:20 – 15:00	MI: Microfluidics and Biosensors	Sinan Fındık
15:10 – 15:50	MI: Microfluidics and Biosensors	Sinan Fındık
16:00 – 17:30	Study Time	

15.05.2015 FRIDAY

08:30 – 09:10	Study Time	
09:20 – 10:50	LAB: The Ear _Group A	Alp Bayramoğlu-Elif N. Keskinöz
11:00 – 12:30	LAB: The Ear _Group B	Alp Bayramoğlu-Elif N. Keskinöz
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 16:40	LAB: Histology of Nervous System _Group B	Serap Arbak , Deniz Yücel

18.05.2015 MONDAY		
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	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	

19.05.2015 TUESDAY		
<p>Commemoration Atatürk, Youth and Sports Day</p>		

20.05.2015 WEDNESDAY		
08:30 – 09:10	Biochemistry of Connective Tissue	Abdurrahman Coşkun
09:20 – 10:00	Biochemistry of Connective Tissue	Abdurrahman Coşkun
10:10 – 10:50	Biochemistry of Connective Tissue	Abdurrahman Coşkun
11:00 – 11:40	Development of the Eye and Ear	Deniz Yücel
11:50 – 12:30	Development of the Eye and Ear	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	

21.05.2015 THURSDAY		
<p>5th STUDENT RESEARCH CONGRESS</p>		

22.05.2015 FRIDAY		
<p>5th STUDENT RESEARCH CONGRESS</p>		

25.05.2015 MONDAY		
08:30 – 09:10	Biochemical Aspects of Immunoglobulins	Abdurrahman Coşkun
09:20 – 10:00	Central Neurophysiology of Vision	Meltem Kolgazi
10:10 – 10:50	Central Neurophysiology of Vision	Meltem Kolgazi
11:00 – 12:30	Atatürk's Principles and History of Revolution EXAMINATION	Yasemin Furtun Merve Açıklak Elmas
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	

26.05.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 12:30	Small Group Discussion: Introduction to Clinical Chemistry Laboratory	Mustafa Serteser- Abdurrahman Coşkun
13:30 – 15:50	MI: Computer Aided Drug Design	Sinan Fındık
16:00 – 17:30	Elective Course II EXAMINATION	

27.05.2015 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Emotions and Cognitions	İlyas Göz
10:10 – 10:50	Emotions and Cognitions	İlyas Göz
11:00 – 11:40	Biophysics of auditory system	Evren Kılınç
11:50 – 12:30	Biophysics of auditory system	Evren Kılınç
13:30 – 15:00	Turkish Language and Literature EXAMINATION	Görkem Gün Gamze Kırkçı
15:10 – 15:50	Biochemistry of Adipose Tissue	Mustafa Serteser
16:00 – 16:40	Biochemistry of Adipose Tissue	Mustafa Serteser

28.05.2015 THURSDAY		
08:30 – 09:10	Anatomy of the Endocrine Organs	Elif N. Keskinöz
09:20 – 12:30	CMPS II: Research in Health Practicing Causation Criteria	Figen Demir Pınar Topsever
13:30 – 15:00	MI: Computer Aided Drug Design	Sinan Fındık
15:10 – 15:50	Histology of the Endocrine Organs	Serap Arbak
16:00 – 16:40	Histology of the Endocrine Organs	Serap Arbak

29.05.2015 FRIDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Histology of Taste Buds and Olfactory System	Serap Arbak
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 – 15:00	Medical English II Final EXAMINATION	Veli İsmailoğlu, Yasemin Furtun, Merve Açıklak Elmas
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

01.06.2015 MONDAY		
08:30 – 09:10	CMPS II MED 108 SUBJECT COMMITTEE EXAMINATION	Pınar Topsever Yeşim Işıl Ülman Yeşim Yasin Özgür Kurt Fatih Artvinli Işıl Pakiş Sinan Fındık Gery Ciftcioglu
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 15:00	LAB: Electrooculogram _Group A	Devrim Öz Arslan-Evren Kılınc
15:10 – 16:40	LAB: Electrooculogram _Group B	Devrim Öz Arslan-Evren Kılınc
02.06.2015 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Biology of Sleep	Burcu Göksan Yavuz
10:10 – 10:50	Stress	Ferzan Curun
11:00 – 11:40	Taste and Olfaction	Meltem Kolgazi
11:50 – 12:30	Taste and Olfaction	Meltem Kolgazi
13:30 – 15:00	LAB: Histology of the Endocrine Organs _Group A	Serap Arbak, Deniz Yücel
15:10 – 16:40	LAB: Histology of the Endocrine Organs _Group B	Serap Arbak, Deniz Yücel
03.06.2015 WEDNESDAY		
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 – 15:00	LAB: Biofeedback and reaction time _Group A	Devrim Öz Arslan-Evren Kılınc
15:10 – 16:40	LAB: Biofeedback and reaction time _Group B	Devrim Öz Arslan-Evren Kılınc
04.06.2015 THURSDAY		
08:30 – 09:10	MED 107 MEDICAL INFORMATICS SUBJECT COMMITTEE EXAMINATION	Engin Baysoy, Sinan Fındık, Yiğit Erdemgil, Erdal Coşgun, Özge Can
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		
05.06.2015 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	

08.06.2015 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		

09.06.2015 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		

10.06.2015 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		

11.06.2015 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		

12.06.2015 FRIDAY

	MED 106 SUBJECT COMMITTEE PRACTICAL AND THEORETICAL EXAMINATION	Fatih Artvinli Aysel Özpınar Beste Kınıkoğlu Devrim Öz Arslan Güldal Süyen Melike Şahiner Nihan Ünübol Gery Ciftcioglu
--	--	---

Medical Informatics Schedule

Date	Time	Hour(s)	Title	Lecturer	Class
16.10.2014 THU	13:30-15:00	2	Basic Computer Hardware Informations	Engin BAYSOY	Class (A201)
21.10.2014 TUE	13:30-15:50	3	Data & Communication Technology: Using & Managing Computers	Engin BAYSOY	Class (A201)
23.10.2014 THU	13:30-15:00	2	(LAB) Office: Word Group A	Engin BAYSOY	PC Lab (A101)
30.10.2014 THU	13:30-15:00	2	(LAB) Office: Word Group B	Engin BAYSOY	PC Lab (A101)
04.11.2014 TUE	13:30-15:50	3	(LAB) Office: Word Group A	Engin BAYSOY	PC Lab (A101)
05.11.2014 WED	15:10-17:30	3	(LAB) Office: Word Group B	Engin BAYSOY	PC Lab (A101)
06.11.2014 THU	13:30-16:40	4	(LAB) Office: Excel Group A	Engin BAYSOY	PC Lab (A101)
11.11.2014 TUE	13:30-15:50	3	(LAB) Office: Excel Group A	Engin BAYSOY	PC Lab (A101)
12.11.2014 WED	15:10-18:10	4	(LAB) Office: Excel Group B	Engin BAYSOY	PC Lab (A101)
13.11.2014 THU	13:30-15:50	3	(LAB) Office: Excel Group B	Engin BAYSOY	PC Lab (A101)
18.11.2014 TUE	13:30-15:50	3	(LAB) Office: Access Group A	Engin BAYSOY	PC Lab (A101)
19.11.2014 WED	15:10-17:30	3	(LAB) Office: Access Group B	Engin BAYSOY	PC Lab (A101)
20.11.2014 THU	13:30-15:50	3	(LAB) Office: PowerPoint Group A	Engin BAYSOY	PC Lab (A101)
20.11.2014 THU	16:00-17:30	2	(LAB) Office: Web Browsing and Communication Group A	Beyza AKBAŞOĞLU	PC Lab (A101)
02.12.2014 TUE	13:30-15:50	3	(LAB) Office: PowerPoint Group B	Engin BAYSOY	PC Lab (A101)
03.12.2014 WED	15:10-16:40	2	(LAB) Office: Web Browsing and Communication Group B	Beyza AKBAŞOĞLU	PC Lab (A101)
04.12.2014 THU	13:30-15:50	3	(LAB) Office: Program's Exercise Group A	Engin BAYSOY	PC Lab (A101)
09.12.2014 TUE	13:30-15:50	3	(LAB) Office: Program's Exercise Group B	Engin BAYSOY	PC Lab (A101)
11.12.2014 THU	13:30-15:00	2	(LAB) Office: Program's Exercise Group A	Engin BAYSOY	PC Lab (A101)
11.12.2014 THU	15:10-16:40	2	(LAB) Office: Program's Exercise Group B	Engin BAYSOY	PC Lab (A101)
16.12.2014 TUE	13:30-15:50	3	Term Project Presentations Group A	Engin BAYSOY	PC Lab (A101)
17.12.2014 WED	15:10-17:30	3	Term Project Presentations Group B	Engin BAYSOY	PC Lab (A101)
18.12.2014 THU	13:30-15:00	2	Term Project Presentations Group A	Engin BAYSOY	PC Lab (A101)
18.12.2014 THU	15:10-16:40	2	Term Project Presentations Group B	Engin BAYSOY	PC Lab (A101)
23.12.2014 TUE	13:30-14:10	1	Software Technologies	Beyza AKBAŞOĞLU	Class (A201)
23.12.2014 TUE	14:20-15:00	1	Network Technologies	Burak BAŞAL	Class (A201)
24.12.2014 WED	15:10-16:40	2	Internet	Burak BAŞAL	Class (A201)
25.12.2014 THU	13:30-15:00	2	Security and Unified Communications, Call Centres	Burak BAŞAL	Class (A201)
30.12.2014 TUE	13:30-15:50		MED 107 INFORMATION TECHNOLOGIES SUBJECT COMMITTEE EXAMINATION		

Date	Time	Hour(s)	Title	Lecturer	Class
06.01.2015 TUE	13:30-14:10	1	Introduction to Bioinformatics	Sinan FINDIK	Class (A201)
06.01.2015 TUE	14:20-15:50	2	Medicine and Information	Sinan FINDIK	Class (A201)
08.01.2015 THU	13:30-15:00	2	Computers in Biology and Medicine	Sinan FINDIK	Class (A201)
13.01.2015 TUE	13:30-15:50	3	Genetics in Medicine - From Bench to Bedside	Sinan FINDIK	Class (A201)
15.01.2015 THU	13:30-14:10	1	Historical Perspective of Bioinformatics	Sinan FINDIK	Class (A201)
15.01.2015 THU	14:20-15:50	2	A Rapidly Maturing Science	Sinan FINDIK	Class (A201)
20.01.2015 TUE	13:30-15:00	2	A Rapidly Maturing Science	Sinan FINDIK	Class (A201)
22.01.2015 THU	13:30-15:50	3	Critical Readings for Bioinformatics	Sinan FINDIK	Class (A201)
17.02.2015 TUE	13:30-15:50	3	Bioinformatics Tools, Databases and Methods	Sinan FINDIK	Class (A201)
19.02.2015 THU	13:30-15:00	2	Bioinformatics Tools, Databases and Methods	Sinan FINDIK	Class (A201)
24.02.2015 TUE	13:30-15:50	3	Effective Use of NCBI Tools and Databases	Sinan FINDIK	Class (A201)
26.02.2015 THU	13:30-15:00	2	Effective Use of NCBI Tools and Databases	Sinan FINDIK	Class (A201)
03.03.2015 TUE	13:30-15:50	3	Bioinformatics Data Resources and Tools at the EBI	Sinan FINDIK	Class (A201)
05.03.2015 THU	13:30-14:10	1	Bioinformatics Data Resources and Tools at the EBI	Sinan FINDIK	Class (A201)
05.03.2015 THU	14:20-15:00	1	Bioinformatics Tools for Genome Analysis	Sinan FINDIK	Class (A201)
10.03.2015 TUE	13:30-15:50	3	Tools for Genome Analysis	Sinan FINDIK	Class (A201)
12.03.2015 THU	13:30-15:00	2	Statistical Genetics	Sinan FINDIK	Class (A201)
17.03.2015 TUE	13:30-15:50	3	Biological Sequence Analysis	Sinan FINDIK	Class (A201)
19.03.2015 THU	13:30-14:10	1	Biological Sequence Analysis	Sinan FINDIK	Class (A201)
19.03.2015 THU	14:20-15:00	1	Molecular Phylogenetic Techniques	Sinan FINDIK	Class (A201)
24.03.2015 TUE	13:30-15:00	2	Molecular Phylogenetic Techniques	Sinan FINDIK	Class (A201)
24.03.2015 TUE	15:10-15:50	1	Structure Analysis of Biological Molecules	Sinan FINDIK	Class (A201)
31.03.2015 TUE	13:30-15:50	3	Structure Analysis of Biological Molecules	Sinan FINDIK	Class (A201)
02.04.2015 THU	13:30-15:50	3	Structural Bioinformatics	Sinan FINDIK	Class (A201)
14.04.2015 TUE	13:30-15:50	3	Protein Bioinformatics	Sinan FINDIK	Class (A201)
16.04.2015 THU	13:30-15:00	2	Gene Expression and Pathways	Sinan FINDIK	Class (A201)
21.04.2015 TUE	13:30-15:50	3	Gene Expression and Pathways	Sinan FINDIK	Class (A201)
28.04.2015 TUE	13:30-15:50	3	Synthetic Biology	Sinan FINDIK	Class (A201)
30.04.2015 THU	13:30-15:00	2	Biomarker Discovery	Sinan FINDIK	Class (A201)
05.05.2015 TUE	13:30-15:50	3	Bioinformatics of High-throughput Analysis	Sinan FINDIK	Class (A201)
07.05.2015 THU	13:30-15:00	2	Bioarrays and Analysis	Sinan FINDIK	Class (A201)
12.05.2015 TUE	13:30-15:50	3	Computational Medicine	Sinan FINDIK	Class (A201)
14.05.2015 THU	13:30-14:10	1	Computational Medicine	Sinan FINDIK	Class (A201)
14.05.2015 THU	14:20-15:50	2	Microfluidics and Biosensors	Sinan FINDIK	Class (A201)
26.05.2015 TUE	13:30-15:50	3	Computer Aided Drug Design	Sinan FINDIK	Class (A201)
28.05.2015 THU	13:30-15:00	2	Computer Aided Drug Design	Sinan FINDIK	Class (A201)
04.06.2015 THU	13:30-16:40		MED 107 MEDICAL INFORMATICS SUBJECT COMMITTEE EXAMINATION		



ACIBADEM
UNIVERSITY





2014-2015 YEAR 2

SCHOOL OF MEDICINE

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	68	0	68	7	0	7	34	109	5	4
Cell and Tissue Injury: Infection and Neoplasia	91	0	91	20	0	20	70	181	7	7
Hematopoietic and Immune System and Related Disorders	66	8	74	10	0	5	45	129	6	5
Musculoskeletal System and Related Disorders	101	0	101	20	0	20	85	206	8	8
Respiratory System and Related Disorders	90	0	90	12	0	12	82	184	7	7
Clinical Medicine and Professional Skills-III	26	29	55	22	22	44	90	189	6	7
Clinical Medicine and Professional Skills-IV	16	25	41	3	41	44	120	205	5	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	40	0	40	10	70	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	626	62	688	213	63	276	601	1565	60	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)	68	Credit	ECTS
			Practical (Hour)	7		
Cell and Tissue : Homeostasis	MED 201	Fall	Study Time (Hour)	34	5	4

Educational Language	English
Course Type	
Course Level	Undergraduate
Year Coordinators	Prof. Tanıl Kocagöz; tanilkocagoz@gmail.com Assist. Prof. Devrim Öz Arslan; devrim.arslan@acibadem.edu.tr
Committee Chairs	Prof. Aysel Özpınar; aysel.ozpinar@acibadem.edu.tr Assoc. Prof. Işın Akyar; isin.akyar@acibadem.edu.tr
Academic Units & Staff	<p>Biochemistry 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.</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. İlkser AKPOLAT, M.D., Prof. Yeşim SAĞLICAN, 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..</p>
Course Date	13.10.2014-12.11.2014
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:

- 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)	91	Credit	ECTS
			Practical (Hour)	20		
Cell and Tissue : Infections and Neoplasia	MED 203	Fall	Study Time (Hour)	70	7	7

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Tanıl Kocagöz; tanilkocagoz@gmail.com Assist. Prof. Devrim Öz Arslan; devrim.arslan@acibadem.edu.tr
Committee Chairs	Assoc. Prof. Özgür Kurt ozgur.kurt@acibadem.edu.tr Assist. Prof. Özge Can; ozge.can@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. Efe ONGANER, M.D., Assist. Prof.</p> <p>Medical Microbiology Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Özgür KURT, M.D., Assoc. 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 İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology Melike ŞAHİNER M.D., Ph.D., Assist. Prof.</p> <p>Public Health Figen DEMİR, M.D., Assist. Prof. Nadi Bakırcı, M.D., Prof.</p> <p>Immunology Tanıl Kocagöz, M.D., Prof.</p> <p>Affiliated Faculty Pharmacology Filiz ONAT , M.D., Prof.</p>
Course Date	13.11.2014-31.12.2014
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

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

- 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)	74	Credit	ECTS
			Practical (Hour)	10		
Hematopoietic System & Related Disorders	MED 205	Fall	Study Time (Hour)	45	6	5

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Tanil Kocagöz; tanilkocagoz@gmail.com Assist. Prof. Devrim Öz Arslan; devrim.arslan@acibadem.edu.tr
Committee Chairs	Assist. Prof. Ant Uzay; Assist. Prof. Yavuz Oktay; yavuz.oktay@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., Assoc. Prof.</p> <p>Pathology: Ümit İNCE, M.D., Assoc. Prof.</p> <p>Pediatrics: 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 Pharmacology Filiz ONAT , M.D., Prof.</p>
Course Date	02.01.2015 - 06.02.2015
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:

- 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)	55	Credit	ECTS
			Practical (Hour)	44		
Clinical Medicine and Professional Skills–III	MED 207	Fall	Study Time (Hour)	90	6	7

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Tanıl Kocagöz; tanilkocagoz@gmail.com Assist. Prof. Devrim Öz Arslan; devrim.arslan@acibadem.edu.tr
CMPS Coordinators	Assoc. Prof. Pınar Topsever pinar.topsever@acibadem.edu.tr Assist. Prof. Figen Demir, figen.demir@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. Fatih ARTVİNLİ, Ph.D., Assist. Prof.</p> <p>Physical Health and Rehabilitation Ayçe ATALAY, M.D., Assoc. Prof.</p> <p>Pulmonary Medicine Ceyda Erel KIRIŞOĞLU, M.D., Assist. Prof</p> <p>Internal Medicine Eser VARDARELİ, M.D., Assoc. 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 Güldal SÜYEN, M.D., Ph.D., Prof. Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Prof. Figen DEMİR, M.D., MPH, Instructor Yeşim YAŞIN, M.A, MSc. Ph.D, Instructor</p> <p>Affiliated Faculty İnci USER, PhD., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Şirin PARKAN M.D. Ükke KARABACAK Assoc. Prof. Hayat YALIN, Assist. Prof. Ferah GÜVEN, M.D Dilek KİTAPÇIOĞLU, M.D</p>
Course Date	22.10.2013-04.02.2014
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,

Assessment Methods	Theoretical and practical examinations, essays, presentations, performance based assessment , OSCE, written examination, log-books, standardized evaluation of projects.
Course Aims	<p>This course aims to</p> <p>Clinical and Communication Skills: to provide necessary knowledge and skills about;</p> <ul style="list-style-type: none"> • communication with patients, their relatives and carers and third parties • communication with groups, colleagues in a medical context • history taking (anamnesis) and basic physical examination <p>Health and Society: to 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>
Learning Outcomes	<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 • be aware of group dynamics and the necessity of team work in health care • demonstrate consultative and scholar communication skills(communication with colleagues and other health care professionals) • 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 • explain how to communicate with groups-public for health education programs • correctly plan and take a complete medical history (anamnesis) • correctly complete the physical examination <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 <ul style="list-style-type: none"> • 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 • make a field observation about the practice of primary health care • 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 <p>• write a research proposal</p> <p>procedural skills I</p>

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. Tanıl KOCAGÖZ, tanil.kocagoz@acibadem.edu.tr Assist. Prof. Devrim ÖZ ARSLAN, devrim.arslan@acibadem.edu.tr
Course Coordinators	Prof. Tanıl KOCAGÖZ, tanilkocagoz@gmail.com Assoc. Prof. Erdal COŞGUN, erdal.coskun@acibadem.edu.tr Assist. Prof. Onur KARATUNA, onur.karatuna@acibadem.edu.tr
Academic Units & Staff	Tanııl 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. Prof.Dr.Ercan KARAARSLAN Abdurrahman COŞGUN, M.D., Prof. Alp DİNÇER, M.D, Assoc. Prof. Özgür KURT, M.D., Ph.D., Assoc. Prof. Işın AKYAR, M.D., Assoc. Prof. Geysu KARLIKAYA, M.D., Assoc. Prof. Ümit AKSOY ÖZCAN, M.D., Assist. Prof. Evren KİLİNÇ, 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, M.D., Assist. Prof. Sıla ULUS, M.D., Assist. Prof. Beste KINIKOĞLU, M.D., Assist. Prof. Meltem KİLERCİK, M.D. Assist. Prof. Sinem ÖKTEM OKULLU, MSc. Nihan AYTEKİN ÜNÜBOL, MSc. Affiliated Faculty (Information Technologies) Özge SAĞIROĞLU YURDAKUL Sedat KESMEN Kaspar ZAKARYAN Doğan ULUTÜRK
Course Date	17.10.2014 - 05.06.2015
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars
Assessment Methods	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions

<p>Course Aims</p>	<p>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>
<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)	101	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. Tanıl Kocagöz; tanilkocagoz@gmail.com Assist. Prof. Devrim Öz Arslan; devrim.arslan@acibadem.edu.tr
Committee Chairs	Assoc. Prof. Umut Akgün; umut.akgun@acibadem.edu.tr Assist. Prof. Meltem Kolgazi; meltem.kolgazi@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., Instructor.</p> <p>Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Mustafa SERTESER, M.D., Prof.</p> <p>Biophysics: Beki KAN, Ph.D., Prof.</p> <p>Family Medicine: Efe ONGANER, M.D., Assist. 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 Biology: Deniz AĞIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Orthopedics and Traumatology: Nadir ŞENER, M.D., Prof. Ufuk NALBANTOĞLU, M.D., Assoc. Prof. Burak BEKSAÇ, M.D., Assoc. Prof. Vuslat Sema ÜNAL, M.D., Assoc. Prof. Mehmet Uğur ÖZBAYDAR, M.D., Assoc. Prof..</p> <p>Pathology: Özlem AYDIN, M.D., Assoc Prof. Hale KIRIMLIOĞLU, M.D., Assoc. Prof.</p> <p>Pediatrics: Alpay ÇELİKER, M.D., Prof. Gamze BEREKET, M.D., Assist. Prof.</p>

	<p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physical Medicine and Rehabilitation: Zeynep GÜVEN, M.D., Prof. Reyhan ÇELİKER, M.D., Prof. Şule Arslan, M.D., Prof. Ayçe ATALAY, M.D., Assoc. Prof.</p> <p>Physics: Enver KILINÇ, Ph.D., Assist. Prof.</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. 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 Pharmacology Filiz ONAT, M.D., Prof.</p>
Course Date	23.02.2015-20.04.2015
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)	8		
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. Tanıl KOCAGÖZ; tanilkocagoz@gmail.com Assist. Prof. Devrim ÖZ ARSLAN; devrim.arslan@acibadem.edu.tr
Committee Chairs	Assist. Prof. Devrim ÖZ ARSLAN ; devrim.arslan@acibadem.edu.tr Assist. Prof. Beste KINIKOGLU ; beste.kinikoglu@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., 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.</p> <p>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 Ömer Faruk ÜNAL, M.D., 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., Prof. Reha CENGİZLİER, M.D., Prof. Müjde ARAPOĞLU, M.D., Assist. Prof. Sibel AKA, M.D., Assist. Prof.</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. Prof. Merhmet ERGEN, M.D., Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Prof. Figen DEMİR, M.D., Assist. Prof.</p>

	<p>Pulmonary Medicine Handan ZEREN, M.D., Prof. Ceyda EREL KİRİŞOĞLU, M.D., Assist. Prof. Suha ALZAFER, M.D., Instructor Pejman GOLABAI, M.D., Instructor Hilal ALTINÖZ, M.D., Instructor</p> <p>Radiology Sıla ULUS, M.D., Assist. Prof.</p> <p>Thoracic Surgery Semih HALEZEROĞLU, M.D., Prof Erdal OKUR, M.D., Assoc. Prof.</p> <p>Affiliated Faculty Filiz ONAT, M.D., Prof. Gamze BEREKET, M.D., Instructor</p>
Course Date	21.04.2015-12.06.2015
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.

	<ul style="list-style-type: none">• 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)	41	Credit	ECTS
			Practical (Hour)	44		
Clinical Medicine and Professional Skills-IV	MED 210	Spring	Study time (Hour)	120	5	8

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Tanıl Kocagöz; tanilkocagoz@gmail.com 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 ARTVINLİ, Ph.D., Assist. Prof.</p> <p>Pediatrics Yasemin ALANAY, M.D., Ph.D., Prof.</p> <p>Orthopedics and Traumatology: Umut AKGÜN, M.D., Assoc. Prof. Barış KOCAOĞLU, M.D., Assist. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Prof. Figen DEMİR, M.D., MPH, Assist. Prof.</p> <p>Pulmonary Medicine Çağlar ÇUHADAROĞLU, M.D., Prof. Ceyda EREL KİRİŞOĞLU, M.D., Assist. Prof.</p> <p>Affiliated Faculty Ahmet ÇAKIROĞLU, M.D., Prof. Gülsüm ÖNAL, M.D Ferah GÜVEN, M.D Dilek KİTAPÇIĞLU, M.D</p>
Course Date	24.02.2015-08.06.2015
Educational Methods	Lectures, case studies, group presentations and discussions and self-directed learning sessions, field studies, projects, data analyze, case studies.
Assessment Methods	Written examination, case analyzing, standardized evaluation of projects and performances and group presentations of assignments.
Course Aims	This course aims to create a learning opportunity for students to Medical Ethics and Humanities: understand the rights of patients, responsibilities of physicians and comprehend the beginning and end of life issues Research in Health: gain knowledge and skills related to planning and conducting a medical research project.

<p>Learning Outcomes</p>	<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 patients rights and explain the context • explain the evolution of patients rights • list all articles of “regulation of patients rights” in Turkey. • analyze ethical and moral dilemmas and legal and psychosocial dimensions of beginning and end of life <p>• be aware of ethical conflicts due to new medical technologies such as organ transplantation, new reproductive techniques and genetics</p> <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"> - Learn immobilizing and fixation techniques by applying braces and bandages
---------------------------------	--





**YEAR 2
FALL
SEMESTER
SCHEDULE**

13.10.2014 MONDAY

08:30 – 09:10	Opening Ceremony	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Introduction to the Year 2	Tanıl Kocagöz-Devrim Öz Arslan
14:20 – 15:00	Introduction to MED 201 Subject Committee	Aysel Özpınar-Işın Akyar
15:10 – 15:50	Electromagnetic spectrum	Evren Kılınc
16:00 – 16:40	Radioactivity: the decay law	Beki Kan

14.10.2014 TUESDAY

08:30 – 09:10	Microbial growth, cultivation of microorganisms	Sesin Kocagöz
09:20 – 10:00	Microbial growth, cultivation of microorganisms	Sesin Kocagöz
10:10 – 10:50	CMPS-III: Research in Health	Figen Demir
11:00 – 11:40	<i>Introduction to Research in Health and overview of scientific research</i>	Pınar Topsever
11:50 – 12:30	<i>How to do research? An introduction to research process</i>	
13:30 – 14:10	CPMS-III: Clinical and Communication Skills – <i>Introduction, Patient-centered routine investigation-I: History taking</i>	Pınar Topsever, Efe Onganer
14:20 – 15:00	<i>Patient-centered routine investigation-I: Patient-centered approach</i>	Şirin Parkan
15:10 – 15:50	Bacterial classification, observation of microorganisms by microscopy	Tanıl Kocagöz
16:00 – 16:40	Study time	

15.10.2014 WEDNESDAY

08:30 – 09:10	Sterilization and disinfection	Onur Karatuna
09:20 – 10:00	Sterilization and disinfection	Onur Karatuna
10:10 – 10:50	Laboratory safety, collection and transport of specimens	Işın Akyar
11:00 – 11:40	LAB: Laboratory safety, collection and transport of specimens	Işın Akyar
11:50 – 12:30	LAB: Culturing microorganisms_Group A	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
13:30 – 14:10	Introduction to immunology	Tanıl Kocagöz
14:20 – 15:00	Functions of the cells and organs of the immune system	Mehmet Ergen
15:10 – 15:50	Functions of the cells and organs of the immune system	Mehmet Ergen
16:00 – 16:40	Study Time	

16.10.2014 THURSDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Introduction to pathology	Ümit İnce
10:10 – 10:50	Introduction to pharmacology and toxicology	İsmail Hakkı Ulus
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	Microbial genetics	Işın Akyar
14:20 – 15:00	Microbial genetics	Işın Akyar
15:10 – 15:50	Antigens	Tanıl Kocagöz
16:00 – 16:40	Innate immunity	Tanıl Kocagöz

17.10.2014 FRIDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Complement system	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	MI&BT-I: Laboratory instruments	Abdurrahman Coşkun
13:30 – 14:10	MI&BT-I: Nucleic acid amplification	Cemaliye Akyerli Boylu
14:20 – 15:00	LAB: Culturing microorganisms	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
15:10 – 15:50	LAB: Microscopic examination of microorganisms	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol

20.10.2014 MONDAY		
08:30 – 09:10	Introduction to radiology	Alp Dinçer
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	Body fluids and oedema	Mehmet Ergen
11:50 – 12:30	Body fluids and oedema	Mehmet Ergen
13:30 – 14:10	Adaptive immunity	Tanıl Kocagöz
14:20 – 15:00	Adaptive immunity	Tanıl Kocagöz
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

21.10.2014 TUESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Study Time	
10:10 – 10:50		
11:00 – 11:40	CMPS-III: Research in Health <i>Formulating a research question</i>	Pınar Topsever
11:50 – 12:30		
13:30 – 14:10	Pharmacokinetics: Drug absorption and distribution	Filiz Onat
14:20 – 15:00	Pharmacokinetics: Drug absorption and distribution	Filiz Onat
15:10 – 15:50	CPMS-III: Clinical and Communication Skills <i>Patient- centered routine investigation – II: Introduction to PE methodology, evaluation of the general condition of a patient</i>	Melike Şahiner Pınar Topsever
16:00 – 16:40	<i>Patient- centered routine investigation – II: Basic PE of the head, neck, skin and lymphatic system</i>	

22.10.2014 WEDNESDAY		
08:30 – 09:10	Study Time	
09:20 – 10:00	Pharmacokinetics: Drug metabolism and elimination	Filiz Onat
10:10 – 10:50	Antibodies	Tanıl Kocagöz
11:00 – 11:40	Antibodies	Tanıl Kocagöz
11:50 – 12:30	Study time	
13:30 – 14:10	Study Time	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

23.10.2014 THURSDAY		
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	MI&BT-I: Clinical laboratory applications: Microbiology and molecular microbiology	Onur Karatuna
11:50 – 12:30	Study Time	
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

24.10.2014 FRIDAY		
08:30 – 09:10	Acute inflammation	Yeşim Sağlıcan
09:20 – 10:00	Chronic inflammation	Yeşim Sağlıcan
10:10 – 10:50	Introduction to Radiology I: Definition, Types of Imaging, Impact	Alp Dinçer
11:00 – 11:40	Introduction to Radiology I: Definition, Types of Imaging, Impact	Alp Dinçer
11:50 – 12:30	Study Time	
13:30 – 14:10	Study Time	
14:20 – 15:00		
15:10 – 15:50	MI&BT-I	Group A: A. Coşkun, O. Karatuna (University)
	Group A: <i>Introduction to Clinical Laboratory; Laboratory Instruments</i>	Group B: C. A. Boylu, T. Kocagöz, S. Ö. Okullu, N. A. Ünübol (University)
16:00 – 16:40	Group B: <i>Nucleic acid amplification</i>	

27.10.2014 MONDAY

08:30 – 09:10	Study Time	
09:20 – 10:00	Immunological diagnostic tools	Tanil Kocagöz
10:10 – 10:50	Immunological diagnostic tools	Tanil Kocagöz
11:00 – 11:40	Molecular and radiobiological behavior	Devrim Öz Arslan
11:50 – 12:30	Effects of ionizing radiation on the cell and organism	Devrim Öz Arslan
13:30 – 14:10	Tissue renewal, repair and regeneration	İlker Akpolat
14:20 – 15:00	Tissue renewal, repair and regeneration	İlker Akpolat
15:10 – 15:50	Study Time	
16:00 – 16:40	Study Time	

28.10.2014 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	REPUBLIC DAY	
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

29.10.2014 WEDNESDAY

REPUBLIC DAY		
---------------------	--	--

30.10.2014 THURSDAY

08:30 – 09:10	MED 201 MID-COMMITTEE EXAMINATION	Işın Akyar Mehmet Ergen Figen Demir Pelin Akça Serap Arbak Patrick Owen
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

31.10.2014 FRIDAY

08:30 – 09:10	Microbial pathogenesis	Sesin Kocagöz
09:20 – 10:00	Microbial pathogenesis	Sesin Kocagöz
10:10 – 10:50	MT&BT-I: Electrophoresis	Tanil Kocagöz
11:00 – 11:40	MT&BT-I: Electrophoresis	Tanil Kocagöz
11:50 – 12:30	Pharmacodynamics: Principles of drug actions	İsmail Hakkı Ulus
13:30 – 14:10	Study time	
14:20 – 15:00	MI&BT-I	<i>Group B:</i> A. Coşkun, O. Karatuna (University)
15:10 – 15:50	<i>Group B: Introduction to Clinical Laboratory; Laboratory Instruments</i>	<i>Group A:</i> C. A. Boylu, T. Kocagöz, S. Ö. Okullu, N. A. Ünübol (University)
16:00 – 16:40	<i>Group A: Nucleic acid amplification</i>	

03.11.2014 MONDAY		
08:30 – 09:10	Hemodynamic disorders, thromboembolic disease, and shock	İlker Akpolat
09:20 – 10:00	Pathology of hypersensitivity reactions	Hale Kırmılioğlu
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	Antimicrobial agents, mechanisms of action and resistance	Tanıl Kocagöz
14:20 – 15:00	Antimicrobial agents, mechanisms of action and resistance	Tanıl Kocagöz
15:10 – 15:50	Antimicrobial agents, mechanisms of action and resistance	Tanıl Kocagöz
16:00 – 16:40	Study time	

04.11.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	CMPS-III: Research in Health: Identifying variables	Yeşim Yasin
10:10 – 10:50	Main types of scientific research	Figen Demir
11:00 – 11:40	Qualitative studies	Pınar Topsever
11:50 – 12:30	Cross-sectional studies	
13:30 – 14:10		
14:20 – 15:00	CPMS-III: Clinical and Communication Skills <i>Patient- centered routine investigation – II: Basic PE of the cardiovascular, respiratory and gastrointestinal systems</i>	Pınar Topsever
15:10 – 15:50		Melike Şahiner
16:00 – 16:40		

05.11.2014 WEDNESDAY		
08:30 – 09:10	Autoimmune diseases and rejection of transplant	Hale Kırmılioğlu
09:20 – 10:00	Autoimmune diseases and rejection of transplant	Hale Kırmılioğlu
10:10 – 11:40	LAB: Antibiotic susceptibility test (Application)	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
11:50 – 12:30	Study time	
13:30 – 14:10	Pharmacogenetics: receptors, transporters and enzymes polymorphisms	İsmail Hakkı Ulus
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

06.11.2014 THURSDAY		
08:30 – 09:10	MI&BT-I: Clinical Laboratory Applications: Pathology	Ümit İnce
09:20 – 10:00	Drug interactions	Filiz Onat
10:10 – 10:50	Drug interactions	Filiz Onat
11:00 – 11:40	Immunodeficiency syndromes, Amyloid	Hale Kırmılioğlu
11:50 – 12:30	Study time	
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

07.11.2014 FRIDAY		
08:30 – 09:10	Factors affecting drug actions	İsmail Hakkı Ulus
09:20 – 10:00	Molecular imaging, basic concepts	Erkan Vardareli
10:10 – 10:50	From pathology to disease-I	Pınar Topsever
11:00 – 11:40	From pathology to disease-I	Pınar Topsever
11:50 – 12:30	LAB: Antibiotic susceptibility test (Evaluation)	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
13:30 – 14:10	Study time	
14:20 – 15:00		
15:10 – 15:50	MI&BT-I	T. Kocagöz, Ö. Kurt, S. Ö. Okullu,
16:00 – 16:40	Group A&B: Electrophoresis	N. A. Ünübol (University)

10.11.2014 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		

11.11.2014 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		

12.11.2014 WEDNESDAY

08:30 – 09:10	MED 201 SUBJECT COMMITTEE EXAMINATION		Işın Akyar Mehmet Ergen Figen Demir Pelın Akça Serap Arbak Gery Ciftcioglu
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			

13.11.2014 THURSDAY

08:30 – 09:10	Study time		
09:20 – 10:00	Introduction to MED 203 Subject Committee		Özgür Kurt-Özge Can
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	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

14.11.2014 FRIDAY

08:30 – 09:10	Study time		
09:20 – 10:00	Gram negative cocci		Hülya Kuşoğlu
10:10 – 10:50	LAB: Identification of Gram positive cocci		Sesin Kocagöz
11:00 – 11:40	LAB: Identification of Gram positive cocci		Sesin Kocagöz
11:50 – 12:30	LAB: Identification of Gram positive cocci		Sesin Kocagöz
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		

17.11.2014 MONDAY		
08:30 – 09:10	Neisseria, Haemophilus	Işın Akyar
09:20 – 10:00	Bordetella, Legionella	Işın Akyar
10:10 – 10:50	HACEK	Işın Akyar
11:00 – 11:40	Heat and temperature and heat transfer	Beki Kan
11:50 – 12:30	Temperature transducers, thermography	Beki Kan
13:30 – 14:10	Gram positive aerobic bacilli	Hülya Kuşoğlu
14:20 – 15:00	Gram positive aerobic bacilli	Hülya Kuşoğlu
15:10 – 15:50	Tissue responses to infections	Hale Kırmıoğlu
16:00 – 16:40	Study time	

18.11.2014 TUESDAY		
08:30 – 09:10	Introduction to Radiology II: Definition, Types of Imaging, Impact	Alp Dinçer
09:20 – 10:00	Introduction to Radiology II: Definition, Types of Imaging, Impact	Alp Dinçer
10:10 – 10:50	CPMS-III: Clinical and Communication Skills <i>Basic physical examination skills training "From head to toe"(CASE)</i> <i>Student Groups A, B, C, D</i> <i>Student Groups D, E, F, G</i>	Pınar Topsever, Melike Şahiner, Demet Dinçer, Şirin Parkan, Efe Onganer, Figen Demir, Feray Güven, Dilek Kitapçıoğlu
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

19.11.2014 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Enteric Gram negative bacilli	Sesin Kocagöz
10:10 – 10:50	Enteric Gram negative bacilli	Sesin Kocagöz
11:00 – 12:30	LAB: Identification of gram negative cocci	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
13:30 – 14:10	General principles of antimicrobial therapy	İsmail Hakkı Ulus
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

20.11.2014 THURSDAY		
08:30 – 09:10	Nonfermenters	Onur Karatuna
09:20 – 10:00	Anaerobic bacteria	Sesin Kocagöz
10:10 – 11:40	Anaerobic bacteria	Sesin Kocagöz
11:50 – 12:30	LAB: Enteric Gram negative bacilli	S. Kocagöz, T. Kocagöz, Ö. Kurt, O. Karatuna, S. Ö. Okullu, N. A. Ünübol
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

21.11.2014 FRIDAY		
08:30 – 09:10	General pathology and tissue responses to infections	Hale Kırmıoğlu
09:20 – 10:00	General pathology and tissue responses to infections	Hale Kırmıoğlu
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	Sulfonamids, trimethoprim-sulfamethoxazole and quinolones	İsmail Hakkı Ulus
13:30 – 14:10	Study time	
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	

24.11.2014 MONDAY

08:30 – 09:10	Neoplasia-1: Introduction to Nomenclature	Ümit İnce
09:20 – 10:00	Neoplasia-2: Characteristics of benign and malignant neoplasms (Part-1)	Ümit İnce
10:10 – 10:50	Penicillins	Filiz Onat
11:00 – 11:40	Penicillins	Filiz Onat
11:50 – 12:30	Application of heat and cold in medicine	Beki Kan
13:30 – 15:00	LAB: Anaerobic bacteria	S. Kocagöz, T. Kocagöz, Ö. Kurt, O. Karatuna, S. Ö. Okullu, N. A. Ünübol
15:10 – 16:40	MI&BT-I Biostatistics: Basic statistical concepts	Erdal Coşgun

25.11.2014 TUESDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	CMPS-III: Research in Health	Figen Demir, Pınar Topsever
11:00 – 11:40	Cohort and case-control studies	
11:50 – 12:30		
13:30 – 17:30	CPMS-III: Clinical and Communication Skills <i>Basic physical examination skills training "From head to toe"(CASE)</i> <i>Student Groups I, J, K, L</i> <i>Student Groups M, N, O, P</i>	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Efe Onganer, Figen Demir, Feray Güven, Dilek Kitapçıoğlu

26.11.2014 WEDNESDAY

08:30 – 09:10	Brucella	Tanıl Kocagöz
09:20 – 10:50	LAB: MI&BT-I Biostatistics: Basic statistical concepts_Group A	Erdal Coşgun
11:00 – 12:30	LAB: MI&BT-I Biostatistics: Basic statistical concepts_Group B	Erdal Coşgun
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

27.11.2014 THURSDAY

08:30 – 09:10	Prostaglandins	Abdurrahman Coşkun
09:20 – 10:00	Prostaglandins	Abdurrahman Coşkun
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	Campylobacter, Helicobacter	Hülya Kuşoğlu
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

28.11.2014 FRIDAY

08:30 – 09:10	Yersinia, Francisella	Işın Akyar
09:20 – 10:00	Pasteurella, Vibrio	Işın Akyar
10:10 – 10:50	Epidemiology of infectious diseases	Yeşim Yasin
11:00 – 11:40	Aminoglycosides	İsmail Hakkı Ulus
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	

01.12.2014 MONDAY		
08:30 – 09:10	MED 203 MID-COMMITTEE EXAMINATION	Özge Can Görkem Gün Sinan Fındık Sinem Öktem Okullu Yeşim Işıl Ülman Patrick Owen
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	

02.12.2014 TUESDAY		
08:30 – 10:00	CMPS-III: Research in Health Experimental studies Animal studies	Melike Şahiner Figen Demir
10:10 – 16:40	CPMS-III: Clinical and Communication Skills <i>Basic physical examination skills training "From head to toe"(CASE)</i> <i>Student Groups Q,R,S,T</i> <i>Student Groups U,V,W,X</i>	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Efe On- ganer, Figen Demir, Feray Güven, Dilek Kitapçıoğlu

03.12.2014 WEDNESDAY		
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	Mycobacteria, Nocardia and Actinomycetes	Tanıl Kocagöz
11:00 – 11:40	Mycobacteria, Nocardia and Actinomycetes	Tanıl Kocagöz
11:50 – 12:30	Mycobacteria, Nocardia and Actinomycetes	Tanıl Kocagöz
13:30 – 14:10	Protein synthesis inhibitors and miscellaneous antimicrobial agents	Filiz Onat
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

04.12.2014 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Spirochetes	Onur Karatuna
10:10 – 10:50	Spirochetes	Onur Karatuna
11:00 – 11:40	CMPS-III: Research in Health	İsmail Hakkı Ulus
11:50 – 12:30	Clinical and drug research	
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

05.12.2014 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Cancer Chemotherapeutics	Filiz Onat
10:10 – 10:50	Cancer Chemotherapeutics	Filiz Onat
11:00 – 11:40	Mycoplasma, Chlamydia, Rickettsia	Işın Akyar
11:50 – 12:30	Mycoplasma, Chlamydia, Rickettsia	Işın Akyar
13:30 – 14:10	MI&BT-I: Fluorescence Applications in Medicine	Devrim Öz Arslan
14:20 – 15:00	DNA viruses	Tanıl Kocagöz
15:10 – 15:50	DNA viruses	Tanıl Kocagöz
16:00 – 16:40	Study time	

08.12.2014 MONDAY

08:30 – 09:10	DNA viruses	Tanıl Kocagöz
09:20 – 10:00	DNA viruses	Tanıl Kocagöz
10:10 – 10:50	LAB: Identification of Mycobacteria, Nocardia and Actinomycetes	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Üntübol
11:00 – 11:40	Study time	
11:50 – 12:30	Study time	
13:30 – 14:10	Cancer Chemotherapeutics	Filiz Onat
14:20 – 15:00	Cancer Chemotherapeutics	Filiz Onat
15:10 – 15:50	CPMS-III: Clinical and Communication Skills <i>Auscultation of cardiac and respiratory sounds (CASE)</i>	Feray Güven, Dilek Kitapçıoğlu, Pınar Topsever, Melike Şahiner
16:00 – 16:40		

09.12.2014 TUESDAY

08:30 – 09:10		
09:20 – 10:00	CMPS-III: Research in Health	
10:10 – 10:50	Data collection methods and tools	Pınar Topsever
11:00 – 11:40	Designing a questionnaire	Figen Demir
11:50 – 12:30	Planning data collection	
13:30 – 14:10		Sesin Kocagöz
14:20 – 15:00	RNA viruses	Sesin Kocagöz
15:10 – 15:50	CPMS-III: Clinical and Communication Skills <i>Auscultation of cardiac and respiratory sounds (CASE)</i>	Feray Güven, Dilek Kitapçıoğlu, Demet Dinç, Efe Onganer
16:00 – 16:40		

10.12.2014 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	CPMS-III: Clinical and Communication Skills	Feray Güven, Dilek Kitapçıoğlu, Şirin Parkan, Pınar Topsever
11:50 – 12:30	<i>Auscultation of cardiac and respiratory sounds CASE</i>	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

11.12.2014 THURSDAY

08:30 – 09:10	Protozoa	Özgür Kurt
09:20 – 10:00	Protozoa	Özgür Kurt
10:10 – 10:50	Cancer epidemiology and etiology	Yeşim Yasin
11:00 – 11:40	International classification of functionality	Efe Onganer
11:50 – 12:30	Slow viruses and prions	Hülya Kuşoğlu
13:30 – 14:10	Medical English-III MID Committee Examination	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

12.12.2014 FRIDAY

08:30 – 09:10	Protozoa	Özgür Kurt
09:20 – 10:00	Protozoa	Özgür Kurt
10:10 – 10:50	Yeasts and Moulds	Onur Karatuna
11:00 – 11:40	Yeasts and Moulds	Onur Karatuna
11:50 – 12:30	Yeasts and Moulds	Onur Karatuna
13:30 – 14:10	Study time	
14:20 – 15:00		Tanıl Kocagöz, Devrim Öz Arslan, Deniz Yücel, Evren Kılınc, Sinem Öktem Okullu, Nihan Aytekin Üntübol (University)
15:10 – 15:50	MI&BT-I	
16:00 – 16:40	Group A&B: Fluorescence Applications in Medicine	

15.12.2014 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	Chemotherapy of tuberculosis and leprosy	İsmail Hakkı Ulus
13:30 – 15:00	LAB: Protozoa	Özgür Kurt
15:10 – 16:40	CPMS-III: Clinical and Communication Skills <i>Auscultation of cardiac and respiratory sounds CASE</i>	Feray Güven, Dilek Kitapçıoğlu, Melike Şahiner, Efe Onganer

16.12.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 11:40	CMPS-III: Research in Health Research ethics Writing a research proposal	Yeşim Ülman, Figen Demir
11:50 – 12:30	Study time	
13:30 – 14:10	Malaria Panel Session	Özgür Kurt, Sesin Kocagöz, Nadi Bakırcı
14:20 – 15:00	Malaria Panel Session	
15:10 – 16:40	CPMS-III: Clinical and Communication Skills <i>Auscultation of cardiac and respiratory sounds CASE</i>	Feray Güven, Dilek Kitapçıoğlu, Pınar Topsever, Demet Dinç

17.12.2014 WEDNESDAY		
08:30 – 09:10	Immunity to infection	Tanıl Kocagöz
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 – 12:30	LAB: Identification of fungi	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
13:30 – 14:10	Antiviral agents	İsmail Hakkı Ulus
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

18.12.2014 THURSDAY		
08:30 – 09:10	Neoplasia-7: Molecular basis of cancer (Part-4)	Ümit İnce
09:20 – 10:00	Neoplasia-8: Molecular basis of cancer (Part-5)	Ümit İnce
10:10 – 10:50	Helminths	Özgür Kurt
11:00 – 11:40	Helminths	Özgür Kurt
11:50 – 12:30	Study time	
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

19.12.2014 FRIDAY		
08:30 – 09:10	Neoplasia-9: Molecular basis of cancer (Part-6)	Ümit İnce
09:20 – 10:00	Antifungal agents	İsmail Hakkı Ulus
10:10 – 10:50	Helminths	Özgür Kurt
11:00 – 11:40	Arthropods	Özgür Kurt
11:50 – 12:30	Cancer Prevention (periodical health examination and screening)	Pınar Topsever
13:30 – 15:00	LAB: Helminths	T. Kocagöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

22.12.2014 MONDAY

08:30 – 12:30	CMPS III MID-COMMITTEE EXAMINATION	Pınar Topsever, Nihan Ünübol, Yeşim Yasin, Figen Demir, Melike Şahiner, Fatih Artvinli, Gamze Kırıkçı, Cemaliye Akyerli Boylu
13:30 – 14:10	Arthropods	Özgür Kurt
14:20 – 15:00	Arthropods	Özgür Kurt
15:10 – 15:50	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS)	Erdal Coşgun
16:00 – 16:40	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS)	Erdal Coşgun

23.12.2014 TUESDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 12:30	CMPS-III: Health and Society <i>Health promotion and disease prevention</i> <i>Analyzing a health promotion project</i>	Figen Demir Pınar Topsever
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

24.12.2014 WEDNESDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Chemotherapy of parasitic (protozoa and helminth) infections	İsmail Hakkı Ulus
10:10 – 10:50	Chemotherapy of parasitic (protozoa and helminth) infections	İsmail Hakkı Ulus
11:00 – 11:40	LAB: Arthropods	T. Kocağöz, Ö. Kurt, S. Ö. Okullu, N. A. Ünübol
11:50 – 12:30		
13:30 – 15:00	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS) Lab_Group A	Erdal Coşgun
15:10 – 16:40	MI&BT-I Biostatistics: Introduction to Statistical Software (MedCalc or SPSS) Lab_Group B	Erdal Coşgun

25.12.2014 THURSDAY

08:30 – 09:10	Study time	
09:20 – 10:50	CMPS III: Health and Society Health and Illness Behavior	İnci User Yeşim Yasin
11:00 – 11:40	MI&BT-I Biostatistics: Descriptive statistics-I	Erdal Coşgun
11:50 – 12:30	MI&BT-I Biostatistics: Descriptive statistics-I	Erdal Coşgun
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	

26.12.2014 FRIDAY

08:30 – 10:00	LAB:MI&BT-I Biostatistics: Descriptive statistics_Group B	Erdal Coşgun
10:10 – 11:40	LAB:MI&BT-I Biostatistics: Descriptive statistics_Group A	Erdal Coşgun
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	

29.12.2014 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	
	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	

30.12.2014 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	
	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	

31.12.2014 WEDNESDAY		
08:30 – 09:10	MED 203 SUBJECT COMMITTEE PRACTICAL AND THEORETICAL EXAMINATION	Özge Can Görkem Gün Elif Nedret Keskinöz Sinem Öktem Okullu Veli İsmailoğlu Yeşim Işıl Ülman
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		

01.01.2015 THURSDAY		
	HOLIDAY	

02.01.2015 FRIDAY		
08:30 – 09:10	Introduction to MED 205 Subject Committee	Ant Uzay-Yavuz Oktay
09:20 – 10:00	Anatomy of Lymphatic System	Alp Bayramoğlu
10:10 – 10:50	Histology of the Lymphatic Organs	Serap Arbak
11:00 – 11:40	Histology of the Lymphatic Organs	Serap Arbak
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	MI&BT-I: Clinical Laboratory Applications: Genetics	Cengiz Yakıcıer
15:10 – 15:50	MI&BT-I: Clinical Laboratory Applications: Biochemistry and Hematology	Meltem Kilercik
16:00 – 16:40	Study time	

05.01.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Histology of Blood Cells	Deniz Yücel
10:10 – 10:50	Functions of the Erythrocytes	Meltem Kolgazi
11:00 – 12:30	LAB: Histology of Blood Cells and Lymphatic Organs _Group A	Serap Arbak-Deniz Yücel
13:30 – 15:00	LAB: Histology of Blood Cells and Lymphatic Organs _Group B	Serap Arbak-Deniz Yücel
15:10 – 15:50	LAB: Anatomy of Lymphatic System _Group A	Alp Bayramoğlu-Elif Keskinöz
16:00 – 16:40	LAB: Anatomy of Lymphatic System _Group B	Alp Bayramoğlu-Elif Keskinöz

06.01.2015 TUESDAY		
08:30 – 09:10	CMPS-III: Research in Health Research proposal presentations	Research Supervisors
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		

07.01.2015 WEDNESDAY		
08:30 – 09:10	CMPS-III: Research in Health Research proposal presentations	Research Supervisors
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Development of the Lymphatic Organs	Serap Arbak
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

08.01.2015 THURSDAY		
08:30 – 09:10	Hematopoiesis	Deniz Yücel
09:20 – 10:00	Functions of Platelets	Meltem Kolgazi
10:10 – 10:50		
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

09.01.2015 FRIDAY		
08:30 – 09:10	Lymphoreticular system infections Part I	Sesin Kocagöz
09:20 – 10:00	Lymphoreticular system infections Part II	Sesin Kocagöz
10:10 – 10:50	Biochemical features of blood cells	Muhittin Serdar
11:00 – 11:40	Biochemical features of blood cells	Muhittin Serdar
11:50 – 12:30	Metabolism of oxygen binding proteins	Muhittin Serdar
13:30 – 14:10	Metabolism of oxygen binding proteins	Muhittin Serdar
14:20 – 15:00	Blood groups	Meltem Kolgazi
15:10 – 15:50	LAB: Blood Groups	Meltem Kolgazi
16:00 – 16:40	LAB: Blood Groups	Meltem Kolgazi

12.01.2015 MONDAY		
08:30 – 09:10	Hematopoetics drugs: Growth factors, minerals and vitamins	İsmail Hakkı Ulus
09:20 – 10:00	Hematopoetics drugs: Growth factors, minerals and vitamins	İsmail Hakkı Ulus
10:10 – 10:50	Lymphoreticular system infections PART III	Sesin Kocagöz
11:00 – 11:40	Lymphoreticular system infections PART IV	Sesin Kocagöz
11:50 – 12:30	Study time	
13:30 – 14:10	Cytokines	Abdurrahman Coşkun
14:20 – 15:00	Cytokines	Abdurrahman Coşkun
15:10 – 15:50	Infections of blood and tissue parasites	Özgür Kurt
16:00 – 16:40	Infections of blood and tissue parasites	Özgür Kurt

13.01.2015 TUESDAY		
08:30 – 09:10	CMPS III: Procedural Skills-1: Decontamination, disinfection, hand washing, sterile gloves, intramuscular and intravenous injection, IV punction (CASE)	Onur Karatuna, Işın Akyar, Ükke Karabacak, Hayat Yalın
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		

14.01.2015 WEDNESDAY		
08:30 – 09:10	Megaloblastic anemia	Siret Ratip
09:20 – 10:00	Sickle cell anemia	Siret Ratip
10:10 – 10:50	Mechanisms of coagulation and fibrinolysis	Meltem Kolgazi
11:00 – 11:40	Mechanisms of coagulation and fibrinolysis	Meltem Kolgazi
11:50 – 12:30	Anticoagulants, thrombolytics and antiplatelet drugs	Filiz Onat
13:30 – 14:10	Anticoagulants, thrombolytics and antiplatelet drugs	Filiz Onat
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

15.01.2015 THURSDAY		
08:30 – 09:10	Pathology of lymphatic nodule and spleen	Ümit İnce
09:20 – 10:00	Pathology of lymphatic nodule and spleen	Ümit İnce
10:10 – 10:50		
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

16.01.2015 FRIDAY		
08:30 – 09:10	Lab: Blood Smear and Hb-Hct	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Study time	
14:20 – 16:40	MI&BT-I LAB: Clinical Laboratory Applications: Biochemistry and Hematology_Group B LAB: Clinical Laboratory Applications: Genetics_Group A	Group A: Abdurrahman Coşkun, Meltem Kilercik (Acıbadem Labmed) Group B: Cengiz Yakıcıer (Acıbadem Labmed)

19.01.2015 MONDAY

08:30 – 09:10	MED 205 MID-COMMITTEE EXAMINATION	Yavuz Oktay
09:20 – 10:00		Beste Kınıkoğlu
10:10 – 10:50		Sinan Fındık
11:00 – 11:40		Yeşim Yasin
11:50 – 12:30		Alp Bayramoğlu Patrick Owen
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	MI&BT-I Biostatistics: Descriptive Statistics-II	Erdal Coşgun
16:00 – 16:40	MI&BT-I Biostatistics: Descriptive Statistics-II	Erdal Coşgun

20.01.2015 TUESDAY

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	Ümit İnce
11:50 – 12:30	Pathology of lymphatic nodule and spleen	Ümit İnce
13:30 – 14:10	CMPS-III: Health and Society Site visit: Health promotion and prevention / PHC level	Nadi Bakırcı, Figen Demir, Pınar Topsever, Demet Dinç, Şirin Parkan, Yeşim Yasin, Fatih Artvinli
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

21.01.2015 WEDNESDAY

08:30 – 09:10	Chronic Myeloid Leukemia	Ant Uzay
09:20 – 10:50	MI&BT-I Biostatistics: Descriptive Statistics-II_Lab_Group A	Erdal Coşgun
11:00 – 12:30	MI&BT-I Biostatistics: Descriptive Statistics-II_Lab_Group A	Erdal Coşgun
13:30 – 14:10	Hematopoetics drugs: Growth factors, minerals and vitamins	İsmail Hakkı Ulus
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Medical English-III	
16:00 – 16:40	Medical English-III	

22.01.2015 THURSDAY

08:30 – 09:10	Pathology of lymphatic nodule and spleen	Ümit İnce
09:20 – 10:00	Pathology of bone marrow	Ümit İnce
10:10 – 10:50	Pathology of bone marrow	Ümit İnce
11:00 – 11:40		
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-III	
14:20 – 15:00	Medical English-III	
15:10 – 15:50	Elective Course-III	
16:00 – 16:40	Elective Course-III	

23.01.2015 FRIDAY

08:30 – 09:10	Myelodysplastic Syndrome	Ant Uzay
09:20 – 10:00	Myeloproliferative Diseases	Ant Uzay
10:10 – 10:50	Approach to a patient with anemia	Ertuğrul Eryılmaz
11:00 – 11:40	Hodgkin Lymphoma	Ertuğrul Eryılmaz
11:50 – 12:30	Non-Hodgkin Lymphoma	Ertuğrul Eryılmaz
13:30 – 14:10	Study time	
14:20 – 15:00	CMPS-III: Health and Society Site visit: Environment, work and health	Nadi Bakırcı, Figen Demir, Pınar Topsever, Şirin Parkan, Yeşim Ülman, Fatih Artvinli, Yeşim Yasin
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

26.01.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	CMPS III SCE written exam	
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		CMPS III SCE OSCE (CASE)
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

27.01.2015 TUESDAY		
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	Pathology of bone marrow	Ümit İnce
11:50 – 12:30	Pathology of bone marrow	Ümit İnce
13:30 – 14:10	Study time	
14:20 – 16:40	MI&BT-I Group B: Clinical Laboratory Applications: Biochemistry and Hematology Group A: Clinical Laboratory Applications: Genetics	Group B: Abdurrahman Coşkun, Meltem Kilercik (Acıbadem Labmed) Group A: Cengiz Yakıcıer (Acıbadem Labmed)

28.01.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Molecular basis of hemoglobinopathies	Cengiz Yakıcıer
10:10 – 10:50	Molecular basis of hemoglobinopathies	Cengiz Yakıcıer
11:00 – 11:40	Study time	
11:50 – 12:30	Study time	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-III Course Examination	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

29.01.2015 THURSDAY		
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	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Study time	
11:50 – 12:30	Study time	
15:10 – 15:50	Elective Course-III Examination	
16:00 – 16:40	Study time	

30.01.2015 FRIDAY		
08:30 – 09:10	Infections of blood and tissue parasites	Özgür Kurt
09:20 – 10:00	Infections of blood and tissue parasites	Özgür Kurt
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	Hemostasis and thrombosis	Muhittin Serdar
14:20 – 15:00	Hemostasis and thrombosis	Muhittin Serdar
15:10 – 15:50	Mechanisms of major anemias	Muhittin Serdar
16:00 – 16:40	Mechanisms of major anemias	Muhittin Serdar

02.02.2015 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		
	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		

03.02.2015 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		
	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		

04.02.2015 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		
	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		

05.02.2015 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		
	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		

06.02.2015 FRIDAY

08:30 – 09:10	MED 205 SUBJECT COMMITTEE EXAMINATION		Yavuz Oktay Beste Kınıkoğlu Sinan Fındık Yeşim Yasin Gamze Kırıkçı Alp Bayramoğlu
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			



ACIBADEM
UNIVERSITY





**YEAR 2
SPRING
SEMESTER
SCHEDULE**

23.02.2015 MONDAY

08:30 – 09:10		
09:20 – 10:00	Introduction to Subject Committee: Musculoskeletal System and Related Disorders	Umut Akgün-Meltem Kolgazi
10:10 – 10:50	Pectoral region, breast shoulder region,	Elif Keskinöz
11:00 – 11:40	Pectoral region, breast shoulder region,	Elif Keskinöz
11:50 – 12:30	MI&BT-I: Physical Principles of X-Ray Radiography	Beki Kan
13:30 – 14:10	Superficial back	Alp Bayramoğlu
14:20 – 15:00	Superficial back	Alp Bayramoğlu
15:10 – 15:50	MI&BT-IB Biostatistics: Graphs for statistical analysis	Erdal Coşgun
16:00 – 16:40	MI&BT-IB Biostatistics: Graphs for statistical analysis	Erdal Coşgun

24.02.2015 TUESDAY

08:30 – 09:10	Axillary region	Alp Bayramoğlu
09:20 – 10:00	Histology of bone, cartilage, skeletal muscle and skin	Deniz Yücel
10:10 – 10:50	Histology of bone, cartilage, skeletal muscle and skin	Deniz Yücel
11:00 – 11:40	Biophysics of muscle contraction	Beki Kan
11:50 – 12:30	Biophysics of muscle contraction	Beki Kan
13:30 – 14:10	Development of skeletal system	Serap Arbak
14:20 – 15:00	Development of skeletal system	Serap Arbak
15:10 – 15:50	Anterior and posterior aspect of arm and cubital fossa	Alp Bayramoğlu
16:00 – 16:40	Anterior and posterior aspect of arm and cubital fossa	Alp Bayramoğlu

25.02.2015 WEDNESDAY

08:30 – 09:10	Muscle energy metabolism and contraction	Mustafa Serteser
09:20 – 10:50	LAB: Superficial back and Pectoral region, breast shoulder region, shoulder ... _Group A	Alp Bayramoğlu–Elif Keskinöz
11:00 – 12:30	LAB: Superficial back and Pectoral region, breast shoulder region, shoulder ... _Group B	Alp Bayramoğlu–Elif Keskinöz
13:30 – 14:10	Physiology of muscle contraction	Melike Şahiner
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

26.02.2015 THURSDAY

08:30 – 09:10	Smooth muscle	Melike Şahiner
09:20 – 10:50	LAB: MI&BT-I Biostatistics: Graphs for statistical analysis _ Group A	Erdal Coşgun
11:00 – 12:30	LAB: MI&BT-I Biostatistics: Graphs for statistical analysis _ Group B	Erdal Coşgun
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

27.02.2015 FRIDAY

08:30 – 09:10	Posterior aspect of the forearm	Elif Keskinöz
09:20 – 10:00	Anterior aspect of the forearm	Elif Keskinöz
10:10 – 10:50	Bioenergetics of muscle contraction	Beki Kan
11:00 – 11:40	Bioenergetics of muscle contraction	Beki Kan
11:50 – 12:30	Study time	
13:30 – 14:10	Gravity, equilibrium, torque	Evren Kılınc
14:20 – 15:00	Equilibrium of the body	Evren Kılınc
15:10 – 16:40	MI&BT-I Information Technologies: Clinical Information Systems	Sedat Kesmen

02.03.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00	MED 209 MI&BT-I Mid-Committee Examination	
10:10 – 10:50		
11:00 – 11:40	Regulation and control of muscle contraction	
11:50 – 12:30	Regulation and control of muscle contraction	
13:30 – 15:00	LAB: Axillary region and upper arm_Group B	
15:10 – 16:40	LAB: Axillary region and upper arm_Group A	

03.03.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Brachial plexus	Alp Bayramoğlu
10:10 – 10:50	Brachial plexus	Alp Bayramoğlu
11:00 – 11:40	MI&BT-I Information Technologies: Clinical information systems	Kaspar Zakaryan
11:50 – 12:30	MI&BT-I Information Technologies: Coding, classification systems	Kaspar Zakaryan
13:30 – 14:10	CMPS IV: Medical Ethics and Humanities	Yeşim Ülman
14:20 – 15:00	<i>What is ethics? Ethical Theories</i>	
15:10 – 16:40	MI&BT-IB iostatistics: Examining one-variable problem by tables and graphics	Erdal Coşgun

04.03.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	LAB: Posterior and anterior aspect of the forearm and Brachial Plexus_Group B	Alp Bayramoğlu-Elif Keskinöz
11:00 – 12:30	LAB: Posterior and anterior aspect of the forearm and Brachial Plexus_Group A	Alp Bayramoğlu-Elif Keskinöz
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

05.03.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: MI&BT-I Biostatistics: Examining one-variable problem by tables and graphics_Group A	Erdal Coşgun
10:10 – 10:50		
11:00 – 11:40	LAB: MI&BT-I Biostatistics: Examining one-variable problem by tables and graphics_Group B	Erdal Coşgun
11:50 – 12:30		
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

06.03.2015 FRIDAY		
08:30 – 09:10	Joints of upper extremity	Alp Bayramoğlu
09:20 – 10:00	Joints of upper extremity	Alp Bayramoğlu
10:10 – 12:30	MI&BT-I Information Technologies: Coding, Classification Systems, Quality Principles for Medical Systems	Sedat Kesmen
13:30 – 14:10	Hand	Elif Keskinöz
14:20 – 15:00	Hand	Elif Keskinöz
15:10 – 15:50	Calcium and bone metabolism	Aysel Özpınar
16:00 – 16:40	Calcium and bone metabolism	Aysel Özpınar

09.03.2015 MONDAY

08:30 – 10:00	MI&BT-I Information Technologies: Imaging Information Systems	Özge Sağırođlu Yurdakul
10:10 – 10:50	Development of head and neck	Serap Arbak
11:00 – 11:40	Development of head and neck	Serap Arbak
11:50 – 12:30	Temporal region	Elif Keskinöz
13:30 – 14:10	Pterygopalatal fossa	Elif Keskinöz
14:20 – 15:00	MI&BT-I: EMG	Evren Kılınç
15:10 – 16:40	MI&BT-I Biostatistics:Examining the association among the variables by tables and graphics	Erdal Coşgun

10.03.2015 TUESDAY

08:30 – 09:10	X-ray; sectional anatomy of US, CT and MRI of the musculoskeletal system	Ercan Karaarslan
09:20 – 10:00	Spondyloarthropathies	Ayçe Atalay
10:10 – 10:50	Neck and upper extremity pain	Ayçe Atalay
11:00 – 11:40	Superficial structures of the face	Alp Bayramođlu
11:50 – 12:30	The neck	Alp Bayramođlu
13:30 – 14:10	Muscular triangles of the neck	Alp Bayramođlu
14:20 – 16:40	CMPS IV: Medical Ethics and Humanities Principles of Bioethics Human Dignity and Human Rights	

11.03.2015 WEDNESDAY

08:30 – 09:10	Muscle relaxants	İsmail Hakkı Ulus
09:20 – 10:00	LAB: MI&BT-I Biostatistics: Examining the association among the variables by tables and graphics _Group B	Erdal Coşgun
10:10 – 10:50	LAB: MI&BT-I Biostatistics: Examining the association among the variables by tables and graphics _Group A	Erdal Coşgun
11:00 – 11:40	LAB: MI&BT-I Biostatistics: Examining the association among the variables by tables and graphics _Group A	Erdal Coşgun
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

12.03.2015 THURSDAY

08:30 – 09:10	Agents affecting mineral ion homeostasis and bone turnover	İsmail Hakkı Ulus
09:20 – 10:50	LAB: Hand and The neck _Group A	Alp Bayramođlu-Elif Keskinöz
11:00 – 12:30	LAB: Hand and The neck _Group B	Alp Bayramođlu-Elif Keskinöz
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

13.03.2015 FRIDAY

08:30 – 10:00	MI&BT-II Information Technologies: Specialty Based Clinical Information Systems & Electronic Patient Records	Özge Sağırođlu Yurdakul
10:10 – 10:50	Agents affecting mineral ion homeostasis and bone turnover	İsmail Hakkı Ulus
11:00 – 11:40	Posterior Abdominal Wall&Lumbosacral Plexus	Alp Bayramođlu
11:50 – 12:30	Posterior Abdominal Wall&Lumbosacral Plexus	Alp Bayramođlu
13:30 – 14:10	Study time	
14:20 – 16:40	MI&BT-I Group A: <i>Visit to EMG Lab</i> Group B: <i>Study time</i>	Group A: Geysu Karlıkaya , Evren Kılınç (Acıbadem Kozyatađı Hospital)

16.03.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	MI&BT-I Information Technologies: Health Informatics Standards, E-Health Technologies	Kaspar Zakaryan
11:00 – 12:30	LAB: Superficial Structures of The Face and Pterygopalatina fossa_Group B	Alp Bayramoğlu-Elif Keskinöz
13:30 – 15:00	LAB: Superficial Structures of The Face and Pterygopalatina fossa_Group A	Alp Bayramoğlu-Elif Keskinöz
15:10 – 16:40	MI&BT-IB Biostatistics: Standardization (z and T Scores), Statistical Distributions	Biostat: Erdal Coşgun

17.03.2015 TUESDAY		
08:30 – 09:10	CMPS-IV: Research in Health <i>DATA COLLECTION</i>	Research Supervisors
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		

18.03.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	LAB: Posterior Abdominal Wall & Lumbosacral Plexus_Group A MI&BT-I Biostatistics: Standardization (z and T Scores), Statistical Distributions_Group A	Group A: Alp Bayramoğlu-Elif Keskinöz Group B: Erdal Coşgun
11:00 – 12:30	LAB: Posterior Abdominal Wall & Lumbosacral Plexus_Group B MI&BT-I Biostatistics: Standardization (z and T Scores), Statistical Distributions_Group B	Group B: Alp Bayramoğlu-Elif Keskinöz Group A: Erdal Coşgun
13:30 – 14:10	Osteomyelitis and septic arthritis	Nadir Şener
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

19.03.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 12:30	MI&BT-I Information Technologies: Acıbadem Hospital Information System (Cerebral) Group B	Doğan Ulutürk
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

20.03.2015 FRIDAY		
08:30 – 11:40	MI&BT-II Information Technologies: Acıbadem Hospital Information System (Cerebral) Group A	Doğan Ulutürk
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	

23.03.2015 MONDAY

08:30 – 09:10	MED 206 MID-COMMITTEE EXAMINATION	Meltem Kolgazi
09:20 – 10:00		Fatih Artvinli
10:10 – 10:50		Güldal Süyen
11:00 – 11:40		Deniz Ağırbaşı
11:50 – 12:30		Özgür Kurt Patrick Owen
13:30 – 14:10	Management of symptoms of functional impairment related to musculoskeletal disorders in primary care	Efe Onganer
14:20 – 15:00		
15:10 – 16:40	MI&BT-IBiostatistics:Introduction to Sampling Methods	Erdal Coşgun

24.03.2015 TUESDAY

08:30 – 09:10	Degenerative joint disease	Zeynep Güven
09:20 – 10:00	Low back pain	Zeynep Güven
10:10 – 12:30	CMPS IV: Medical Ethics and Humanities <i>Benefit - Harm</i>	Yeşim Ülman
13:30 – 16:40	CMPS-IV: Research in Health <i>DATA COLLECTION</i>	Research Supervisors

25.03.2015 WEDNESDAY

08:30 – 09:10	Bone remodeling and fracture healing	Hale Kırımlıoğlu
09:20 – 10:50	LAB: MI&BT-IBiostatistics:Introduction to Sampling Methods _Group A	Erdal Coşgun
11:00 – 12:30	LAB: MI&BT-IBiostatistics:Introduction to Sampling Methods _ Group B	Erdal Coşgun
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

26.03.2015 THURSDAY

08:30 – 09:10	Traumatic dislocations and soft tissue injuries	Ufuk Nalbantoğlu
09:20 – 10:00	Fractures, general principles (different properties of pediatric fractures)	Vuslat Sema Ünal
10:10 – 12:30	MI&BT-I:Image production and interpretation in radiographics and radiation protection	Sıla Ulus
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

27.03.2015 FRIDAY

08:30 – 09:10	Bacterial infections of bone and joints	Sesin Kocagöz
09:20 – 10:00	Bacterial infections of bone and joints	Sesin Kocagöz
10:10 – 10:50	Infectious diseases of the bone and joint	Özlem Aydın
11:00 – 12:30	MI&BT-I Information Technologies:Medula	Kaspar Zakaryan
13:30 – 14:10		
14:20 – 16:40	MI&BT-I Group A: <i>Study time</i> Group B: <i>Visit to EMG Lab</i>	Group B: Geysu Karlıkaya , Evren Kılınc (Acıbadem Kozyatağı Hospital)

30.03.2015 MONDAY		
08:30 – 09:10	Biochemical aspects of muscle disease	Mustafa Serteser
09:20 – 10:00	Osteoporosis	Şule Arslan
10:10 – 10:50	Soft tissue rheumatism	Reyhan Çeliker
11:00 – 11:40	Gluteal region and posterior aspect of thigh	Elif Keskinöz
11:50 – 12:30	Gluteal region and posterior aspect of thigh	Elif Keskinöz
13:30 – 14:10	Anterior medial thigh&femoral triangle	Alp Bayramoğlu
14:20 – 15:00	Anterior medial thigh&femoral triangle	Alp Bayramoğlu
15:10 – 16:40	MI&BT-I Biostatistics:Introduction to hypothesis tests	Erdal Coşgun

31.03.2015 TUESDAY		
08:30 – 12:30	CMPS IV: Procedural Skills 2: <i>Vital signs (respiration rate, radial pulse, BP measurement), measurement of head circumference, weight, height of infants, fixation techniques: bandages, splints, casts (CASE)</i>	Yasemin Alanay, Selda Polat, Pınar Topsever, Melike Şahiner, Demet Dinç, Efe Onganer, Şirin Parkan, Umut Akgün, Barış Kocaoğlu
13:30 – 16:40	CMPS-IV: Research in Health <i>DATA COLLECTION</i>	Research Supervisors

01.04.2015 WEDNESDAY		
08:30 – 09:10	Tumors of the skin	Özlem Aydın
09:20 – 10:50	Lab: MI&BT-I Biostatistics: Introduction to hypothesis tests _Group B	Erdal Coşgun
11:00 – 12:30	Lab: MI&BT-I Biostatistics: Introduction to hypothesis tests _Group A	Erdal Coşgun
13:30 – 15:00	MI&BT-I: Image production and interpretation in CT	Sıla Ulus
15:10 – 15:50	Anti-inflammatory analgesic drugs	Filiz Onat
16:00 – 16:40	Anti-inflammatory analgesic drugs	Filiz Onat

02.04.2015 THURSDAY		
08:30 – 09:10	Clinic - radiologic algorithm of the musculoskeletal disorders	Ercan Karaarslan
09:20 – 10:50	LAB: Gluteal region and posterior aspect of thigh& Anterior medial thigh&femoral triangle_Group B	Alp Bayramoğlu-Elif Keskinöz
11:00 – 12:30	LAB: Gluteal region and posterior aspect of thigh& Anterior medial thigh & femoral triangle_Group A	Alp Bayramoğlu-Elif Keskinöz
13:30 – 14:10	Inflammatory rheumatic diseases	Mehmet Karaarslan
14:20 – 15:00	Approach to the patient with arthritis	Mehmet Karaarslan
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

03.04.2015 FRIDAY		
08:30 – 09:10	Approach to Arthritis in Children	Alpay Çeliker
09:20 – 10:00	Infections of the soft tissue	Hülya Kuşoğlu
10:10 – 10:50	Infections of the soft tissue	Hülya Kuşoğlu
11:00 – 12:30	MI&BT-I: Image production and interpretation in MRI	Alp Dinçer
13:30 – 14:10	Anterior and lateral aspect of the leg	Alp Bayramoğlu
14:20 – 15:00	Anterior and lateral aspect of the leg	Alp Bayramoğlu
15:10 – 15:50	Anterior and lateral aspect of the leg	Alp Bayramoğlu

06.04.2015 MONDAY

08:30 – 09:10	Joints of the lower Extremity	Elif Keskinöz
09:20 – 10:00	Joints of the lower Extremity	Elif Keskinöz
10:10 – 10:50	MI&BT-I: Skin tissue engineering	Beste Kınikoğlu
11:00 – 12:30	LAB: Joints of the lower Extremity and Anterior and lateral aspect of the leg_Group A	Alp Bayramoğlu-Elif Keskinöz
13:30 – 15:00	LAB: Joints of the lower Extremity and Anterior and lateral aspect of the leg_Group B	Alp Bayramoğlu-Elif Keskinöz
15:10 – 16:40	MI&BT-I Biostatistics:Hypothesis tests-I	Erdal Coşgun

07.04.2015 TUESDAY

08:30 – 09:10	Posterior aspect of the leg & popliteal fossa	Alp Bayramoğlu
09:20 – 10:00	Posterior aspect of the leg & popliteal fossa	Alp Bayramoğlu
10:10 – 10:50	MI&BT-I: Physical principles of ultrasonography	Evren Kılınc
11:00 – 12:30	CMPS IV: Medical Ethics and Humanities <i>Autonomy - Responsibility</i>	Yeşim Ülman
13:30 – 16:40	CMPS-IV: Research in Health <i>Data Processing-I</i>	Research Supervisors

08.04.2015 WEDNESDAY

08:30 – 09:10	MI&BT-I: Image production and interpretation in ultrasonography	Ümit Özcan
09:20 – 10:50	LAB: Posterior aspect of the leg & popliteal fossa and foot_Group A MI&BT-I Biostatistics: Hypothesis tests-I_Group B	Alp Bayramoğlu - Elif Keskinöz (Group A) Erdal Coşgun (Group B)
11:00 – 12:30	LAB: Posterior aspect of the leg & popliteal fossa and foot_Group B MI&BT-I Biostatistics: Hypothesis tests-I_Group A	Alp Bayramoğlu - Elif Keskinöz (Group B) Erdal Coşgun (Group A)
13:30 –17:30	CMPS IV: Procedural Skills 2: <i>Vital signs (respiration rate, radial pulse, BP measurement), measurement of head circumference, weight, height of infants, fixation techniques: bandages, splints, casts (CASE)</i>	Yasemin Alanay, Selda Polat, Pınar Topsever, Melike Şahiner, Demet Dinç, Efe Onganer, Şirin Parkan, Umut Akgün, Barış Kocaoğlu

09.04.2015 THURSDAY

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	Connective tissue disorders	Mehmet Karaarslan
11:50 – 12:30	Crystal-related arthropathies	Mehmet Karaarslan
13:30 – 14:10	Anti-inflammatory analgesic drugs	Filiz Onat
14:20 – 15:00	Disease modifying antirheumatic drugs	Filiz Onat
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

10.04.2015 FRIDAY

08:30 – 09:10	Work related musculoskeletal disorders (ergonomiy)	Nadi Bakırcı
09:20 – 10:00	Neoplastic disease of bones and joints	Hale Kırımlıoğlu
10:10 – 10:50	Neoplastic disease of bones and joints	Hale Kırımlıoğlu
11:00 – 11:40	Soft tissue tumors	Özlem Aydın
11:50 – 12:30	Soft tissue tumors	Özlem Aydın
13:30 – 14:10	Developmental dysplasia of the hip and club foot (Pes Equinovarus)	Mehmet Uğur Özbaydar
14:20 – 15:00	Myositis and connective tissue diseases	Gamze Bereket
15:10 – 15:50	MI&BT-I: Physical principles of CT & MRI	Evren Kılınc
16:00 – 16:40	Study time	

13.04.2015 MONDAY		
08:30 – 09:10	Abdominal Muscle	Elif Keskinöz
09:20 – 10:00	MI&BT-I: Orthopedic implant technology and tissue engineering applications	Deniz Yücel
10:10 – 10:50	MI&BT-I: Orthopedic implant technology and tissue engineering applications	Deniz Yücel
11:00 – 11:40	MI&BT-I Information Technologies: Medula	Kaspar Zakaryan
11:50 – 12:30	MI&BT-I Information Technologies: Medula	Kaspar Zakaryan
13:30 – 14:10	Genetic basis of musculoskeletal diseases	Deniz Ağırbaşı
14:20 – 15:00	Genetic basis of musculoskeletal diseases	Deniz Ağırbaşı
15:10 – 15:50	MI&BT-I Biostatistics:Hypothesis tests-II	Erdal Coşgun
16:00 – 16:40	MI&BT-I Biostatistics:Hypothesis tests-II	Erdal Coşgun

14.04.2015 TUESDAY		
08:30 – 09:10	Deepback muscles, sub-occipital region	Alp Bayramoğlu
09:20 – 10:00	Pathology of arthritis	Hale Kırımlıoğlu
10:10 – 12:30	CMPS IV: Medical Ethics and Humanities <i>Informed consent in difficult situations</i>	Yeşim Ülman
13:30 – 16:40	CMPS-IV: Research in Health <i>Data Processing-II</i>	Research Supervisors

15.04.2015 WEDNESDAY		
08:30 – 09:10	Neuromuscular disorders (Cerebral palsy, Poliomyelitis, Spina Bifida...)	Burak Bektaş
09:20 – 10:50	Lab: MI&BT-I Biostatistics:Hypothesis tests-II _Group A	Erdal Coşgun
11:00 – 12:30	Lab : MI&BT-I Biostatistics:Hypothesis tests-II _Group B	Erdal Coşgun
13:30 – 14:10	Developmental & acquired abnormalities in bone cells, matrix & structure	Özlem Aydın
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

16.04.2015 THURSDAY		
08:30 – 09:10		
09:20 – 10:50	LAB: Abdominal Muscle and Deepback muscles, sub-occipital region_Group B	Alp Bayramoğlu-Elif Keskinöz
11:00 – 12:30	LAB: Abdominal Muscle and Deepback muscles, sub-occipital region_Group A	Alp Bayramoğlu-Elif Keskinöz
13:30 – 14:10		
14:20 – 15:00	Medical English Mid-Committee Examination	
15:10 – 15:50		
16:00 – 16:40		

17.04.2015 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	
	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	

20.04.2015 MONDAY

08:30 – 09:10	MED 206 SUBJECT COMMITTEE PRACTICAL AND THEORETICAL EXAMINATION	Meltem Kolgazi Fatih Artvinli Güldal Süyen Deniz Ağırbaşı Özgür Kurt Patrick Owen
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		

21.04.2015 TUESDAY

08:30 – 09:10	Study time	
09:20 – 10:50	MI&BT-I Biostatistics: Measures of association	Erdal Coşgun
11:00 – 12:30	CMPS IV: Medical Ethics and Humanities <i>Privacy - Confidentiality</i>	Yeşim Ülman, Fatih Artvinli
13:30 – 16:40	CMPS-IV: Research in Health <i>Data Processing-III</i>	Research Supervisors

22.04.2015 WEDNESDAY

08:30 – 09:10	Study time	
09:20 – 10:50	MI&BT-I Biostatistics: Measures of association_Group A	Erdal Coşgun
11:00 – 12:30	MI&BT-I Biostatistics: Measures of association_Group B	Erdal Coşgun
13:30 – 14:10	Introduction to Subject Committee: Respiratory System and Related Disorders	Devrim Öz Arslan, Beste Kınıkoğlu
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

23.04.2015 THURSDAY

National Sovereignty and Children's Day		
--	--	--

24.04.2015 FRIDAY

08:30 – 09:10	CMPS IV MID-COMMITTEE EXAMINATION	Pınar Topsever, Yeşim Işıl Ülman, Yeşim Yasin, Işıl Pakiş Akyar, Meltem Kolgazi, Işıl Pakiş Yasemin Furtun, Patrick Owen
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30	The root of the neck	Alp Bayramoğlu
13:30 – 14:10	Histology of the upper respiratory system	Serap Arbak
14:20 – 15:00	Histology of the lower respiratory system	Serap Arbak
15:10 – 15:50	The Nose, associated structures and paranasal sinuses	Elif Keskinöz
16:00 – 16:40	The Nose, associated structures and paranasal sinuses	Elif Keskinöz

27.04.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	The ideal gas law, gas mixtures	Beki Kan
10:10 – 10:50	The ideal gas law, gas mixtures	Beki Kan
11:00 – 11:40	The pharynx	Elif Keskinöz
11:50 – 12:30	Study time	
13:30 – 14:10	Plasma proteins	Abdurrahman Coşkun
14:20 – 15:00	Plasma proteins	Abdurrahman Coşkun
15:10 – 15:50	The larynx	Elif Keskinöz
16:00 – 16:40	The larynx	Elif Keskinöz

28.04.2015 TUESDAY		
08:30 – 09:10	Respiratory system functions	Melike Şahiner
09:20 – 10:00	Respiratory system functions	Melike Şahiner
10:10 – 12:30	CMPS IV: Medical Ethics and Humanities <i>Patient Rights / Physician's Responsibility</i>	Gülsüm Önal, Yeşim Ülman
13:30 – 15:00	LAB: Histology of the respiratory system_Group B	Serap Arbak-Deniz Yücel
15:10 – 16:40	LAB: Histology of the respiratory system_Group A	Serap Arbak-Deniz Yücel

29.04.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	LAB: The root of the neck and the nose, associated structures and paranasal sinuses, the pharynx Group A	Alp Bayramoğlu-Elif Keskinöz
11:00 – 12:30	LAB: The root of the neck and the nose, associated structures and paranasal sinuses, the pharynx Group B	Alp Bayramoğlu-Elif Keskinöz
13:30 – 14:10	Surface tension of alveoli	Beki Kan
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

30.04.2015 THURSDAY		
08:30 – 09:10	The thoracic wall	Alp Bayramoğlu
09:20 – 10:00	The thoracic wall	Alp Bayramoğlu
10:10 – 10:50		
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

01.05.2015 FRIDAY		
Labour and Solidarity Day		

04.05.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	LAB: The larynx and thoracic wall _Group B	Alp Bayramoğlu-Elif Keskinöz
11:00 – 12:30	LAB: The larynx and thoracic wall _Group A	Alp Bayramoğlu-Elif Keskinöz
13:30 – 14:10	Study time	
14:20 – 15:00	MI&BT-I: Group A&B: Radiological Imaging Systems in Medicine	Ercan Karaarslan (Acıbadem Maslak Hospital)
15:10 – 15:50		
16:00 – 16:40		

05.05.2015 TUESDAY		
08:30 – 10:50	CMPS IV: Medical Ethics and Humanities Justice in Ethical Aspect Non-discrimination and non-stigmatization	Fatih Artvinli
11:00 – 11:40	Transfer of respiratory gases in blood	Devrim Öz Arslan
11:50 – 12:30	Effects of increased and decreased lung pressure	Devrim Öz Arslan
13:30 – 16:40	CMPS-IV: Research in Health <i>Data Processing-IV</i>	Research Supervisors

06.05.2015 WEDNESDAY		
08:30 – 09:10	Regulation of hydrogen ion concentration	Abdurrahman Coşkun
09:20 – 10:00	Regulation of respiration	Melike Şahiner
10:10 – 10:50	Regulation of respiration	Melike Şahiner
11:00 – 12:30	MI&BT-IB Biostatistics: Discuss student's research in health project	Erdal Coşgun
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

07.05.2015 THURSDAY		
08:30 – 09:10	Development of respiratory system	Deniz Yücel
09:20 – 10:00	Alveolar and tissue respiration	Melike Şahiner
10:10 – 10:50	Study time	
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

08.05.2015 FRIDAY		
08:30 – 09:10	Laboratory diagnosis of allergic diseases	Mustafa Serteser
09:20 – 10:00	Laboratory diagnosis of allergic diseases	Mustafa Serteser
10:10 – 10:50	The trachea and the lungs	Alp Bayramoğlu
11:00 – 11:40	The trachea and the lungs	Alp Bayramoğlu
11:50 – 12:30	Study time	
13:30 – 14:10	Mediastinum	Elif Keskinöz
14:20 – 15:00	Mediastinum	Elif Keskinöz
15:10 – 16:40	MI&BT-I Biostatistics: Discuss student's research in health project	Erdal Coşgun

11.05.2015 MONDAY		
08:30 – 09:10	Upper respiratory system infections	Hülya Kuşoğlu
09:20 – 10:00	Upper respiratory system infections	Hülya Kuşoğlu
10:10 – 10:50	Common respiratory system disorders in primary care	Pınar Topsever
11:00 – 11:40	Common respiratory system disorders in primary care	Pınar Topsever
11:50 – 12:30	Cystic fibrosis and congenital disease of the pulmonary system	Yasemin Alanay
13:30 – 15:00	LAB: The trachea, the lungs and mediastinum_Group-A	Alp Bayramoğlu -Elif Keskinöz
15:10 – 16:40	LAB:The trachea, the lungs and mediastinum_Group-B	Alp Bayramoğlu -Elif Keskinöz

12.05.2015 TUESDAY		
08:30 – 09:10	Upper airway infections in children	Müjde Arapoğlu
09:20 – 10:00	X-ray; sectional anatomy of CT and MRI of the thorax	Sıla Ulus
10:10 – 12:30	CMPS IV: Medical Ethics and Humanities <i>Beginning of Life</i>	Yeşim Ülman
13:30 – 14:10	Effects of exercise on respiration and muscles	Mehmet Ergen
14:20 – 15:00	Lower respiratory system infections	Sesin Kocagöz
15:10 – 15:50	Lower respiratory system infections	Sesin Kocagöz
16:00 – 16:40	Study time	

13.05.2015 WEDNESDAY		
08:30 – 09:10	Asthma	Ceyda Erel Kirişoğlu
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	Lower airway infections in children	Sibel Aka
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

14.05.2015 THURSDAY		
08:30 – 09:10		
09:20 – 10:50	MI&BT-I Biostatistics:Discuss student's research in health project	Erdal Coşgun
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

15.05.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	MI&BT-I Biostatistics: Discuss student's research in health project	Erdal Coşgun
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	

18.05.2015 MONDAY

	MED 208 MID-COMMITTEE EXAMINATION	Beste Kınıkoğlu Erdal Coşgun Gamze Kırıkçı Elif Nedret Keskinöz Evren Kılınç Gery Ciftcioglu
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

19.05.2015 TUESDAY

Commemoration Atatürk, Youth and Sports Day		
--	--	--

20.05.2015 WEDNESDAY

08:30 – 09:10	Pulmonary embolism and pulmonary vascular disease	Pejman Golabi
09:20 – 10:00	Pulmonary embolism and pulmonary vascular disease	Pejman Golabi
10:10 – 10:50	Pleural disease	Ceyda Erel Kirişoğlu
11:00 – 11:40	Chronic obstructive pulmonary disease (COPD)	Ceyda Erel Kirişoğlu
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

21.05.2015 THURSDAY

08:30 – 09:10	5th STUDENT RESEARCH CONGRESS
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	

22.05.2015 FRIDAY

08:30 – 09:10	5th STUDENT RESEARCH CONGRESS
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	

25.05.2015 MONDAY		
08:30 – 09:10	Diseases of upper airways	Handan Zeren
09:20 – 10:00	Diseases of upper airways	Handan Zeren
10:10 – 10:50	Expectorants and antitussive agents	Filiz Onat
11:00 – 11:40	Treatment of COPD and asthma	Ceyda Erel Kirişoğlu
11:50 – 12:30	Sleep related breathing disorders	Ceyda Erel Kirişoğlu
13:30 – 15:50	MI&BT-I: Group A&B: <i>Bronchoscopy</i>	Çağlar Çuhadaroğlu (University)
16:00 – 16:40		

26.05.2015 TUESDAY		
08:30 – 09:10	Drugs for asthma	Filiz Onat
09:20 – 10:00	Drugs for asthma	Filiz Onat
10:10 – 12:30	CMPS-IV: Medical Ethics and Humanities <i>Death and dying patient</i> <i>Ethical aspect of end of life</i>	Cem İncesu Fatih Artvinli
13:30 – 16:40	TBC PANEL SESSION 1- Pulmonary Medicine Tuberculosis (TBC) 2- Pathology Pulmonary TBC 3- Infectious Diseases Laboratory Diagnosis of TBC 4- Public Health Epidemiology and prevention of TBC	Çağlar Çuhadaroğlu, Yeşim Yasin , Handan Zeren , Tanıl Kocagöz,

27.05.2015 WEDNESDAY		
08:30 – 09:10	Drug induced lung disease and eosinophilic lung disease	Ceyda Erel Kirişoğlu
09:20 – 10:00	Idiopathic interstitial pneumonias (IIP) and sarcoidosis	Suha Alzafer
10:10 – 10:50	Diffuse parenchymal lung disease (nonIIP)	Suha Alzafer
11:00 – 11:40	Bacterial pneumonias and lung abscess	Handan Zeren
11:50 – 12:30	Viral and fungal diseases of the lung	Handan Zeren
13:30 – 14:10	Diffuse interstitial lung diseases	Handan Zeren
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Medical English-IV	
16:00 – 16:40	Medical English-IV	

28.05.2015 THURSDAY		
08:30 – 09:10	Lung neoplasm	Semih Halezeroğlu
09:20 – 10:00	Mediastinum	Semih Halezeroğlu
10:10 – 10:50	Study time	
11:00 – 11:40	Interactive Module	
11:50 – 12:30	Interactive Module	
13:30 – 14:10	Medical English-IV	
14:20 – 15:00	Medical English-IV	
15:10 – 15:50	Elective Course-IV	
16:00 – 16:40	Elective Course-IV	

29.05.2015 FRIDAY		
08:30 – 09:10	Pathology of chronic obstructive pulmonary diseases	Handan Zeren
09:20 – 10:00	Pathology of chronic obstructive pulmonary diseases	Handan Zeren
10:10 – 10:50	Cholinergics and anticholinergic drugs in respiratory system related disorders	İsmail Hakkı Ulus
11:00 – 11:40	Catecholaminergic drugs in respiratory system related disorder	İsmail Hakkı Ulus
11:50 – 12:30	Childhood asthma	Reha Cengizlier
13:30 – 14:10	Clinic - radiologic algorithm of the thorax disorders	Sıla Ulus
14:20 – 16:40	CMPS IV: Procedural Skills Practice (CASE)	Onur Karatuna, Hayat Yalın, Selda Polat, Demet Dinç, Şirin Parkan, Barış Kocaoğlu

01.06.2015 MONDAY

08:30 – 09:10	Diseases of the ear	Şenol Polat
09:20 – 10:00	Chest trauma, hemothorax and pneumothorax	Erdal Okur
10:10 – 10:50	Tumors of pleura and mediastinum	Handan Zeren
11:00 – 11:40	Neoplastic diseases of the lung	Handan Zeren
11:50 – 12:30	Neoplastic diseases of the lung	Handan Zeren
13:30 – 14:10	Nuclear Medicine methods and molecular imaging for the evaluation of pulmonary disease	Levent Güner
14:20 – 15:00	Genetic basis of lung diseases	Deniz Ağırbaşı
15:10 – 15:50	Genetic basis of lung diseases	Cemaliye Akyerli Boylu
16:00 – 16:40	Study time	

02.06.2015 TUESDAY

08:30 – 09:10	Upper airway obstructions	Ömer Faruk Ünal
09:20 – 10:00	Upper airway obstructions	Ömer Faruk Ünal
10:10 – 12:30	CMPS-IV: Medical Ethics and Humanities <i>Organ donation and transplantation</i>	Yeşim Ülman Ahmet Çakıroğlu
13:30 – 16:40	LAB: Respiratory Functions	Suha Alzafer, Hilal Altınöz

03.06.2015 WEDNESDAY

08:30 – 09:10		
09:20 – 10:50	CMPS-IV: Medical Ethics and humanities <i>New Medical Technologies-Genetics</i>	Yeşim Ülman
11:00 – 11:40	Study time	
11:50 – 12:30	Pathology of the pulmonary circulation	Handan Zeren
13:30 – 14:10	Tobacco control and smoking cessation	Hilal Altınöz
14:20 – 15:00	Occupational and environmental lung diseases	Hilal Altınöz-Handan Zeren
15:10 – 15:50	Occupational and environmental lung diseases	Hilal Altınöz-Handan Zeren
16:00 – 16:40	Occupational and environmental lung diseases	Hilal Altınöz-Handan Zeren

04.06.2015 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	
	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	

05.06.2015 FRIDAY

08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 16:40	MED 209 MI&BT-ISUBJECT COMMITTEE EXAMINATION	OnurKarartuna Tanıl Kocagöz Görem Gün Gamze Kırıkçı Merve Açikel Elmas

08.06.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:50	MED 210 CMPS-IV SUBJECT COMMITTEE WRITTEN EXAMINATION	Yeşim Ülman, Fatih Artvinli, Figen Demir, Yeşim Yasin
13:30 – 16:40	MED 210 CMPS-IV SUBJECT COMMITTEE PRACTICAL EXAMINATION (CASE)	Onur Karatuna, Işın Akyar, Ükke Karabacak , Hayat Yalın, Yasemin Alanay, Selda Polat, Pınar Topsever, Melike Şahiner, Demet Dinç, Efe Onganer, Şirin Parkan, Umut Akgün, Barış Kocaoğlu

09.06.2015 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	
	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	

10.06.2015 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	
	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	

11.06.2015 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	
	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	

12.06.2015 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30	MED 208 SUBJECT COMMITTEE PRACTICAL AND THEORETICAL EXAMINATION	Beste Kınıkoğlu
		Erdal Coşgun
		Gamze Kırıkçı
		Elif Nedret Keskinöz
		Tanıl Kocagöz
		Evren Kılınç
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

Medical Informatics and Biomedical Technologies-I Schedule

Date	Time	Hour(s)	Title	Lecturer(s)	Place
17.10.2014 FRI	11:50-12:30	1	Laboratory Instruments	Abdurrahman COŞKUN	Class (A202)
17.10.2014 FRI	13:30-14:10	1	Nucleic Acid Amplification	Cemaliye AKYERLİ BOYLU	Class (A202)
23.10.2014 THU	11:00-11:40	1	Clinical Laboratory Applications: Microbiology and Molecular Microbiology	Onur KARATUNA	Class (A202)
24.11.2014 MON	15:10-16:40	2	Basic statistical concepts	Erdal COŞĞUN	Class (A202)
24.10.2014 FRI	14:20-16:40	3	Group A: Introduction to Clinical Laboratory; Laboratory Instruments Group B: Nucleic Acid Amplification	Abdurrahman COŞKUN, Onur KARATUNA	Laboratory, ACU Kerem Aydınlar Campus
26.11.2014 WED	09:20-10:50	2	(LAB) Group A: Basic Statistical Concepts	Erdal COŞĞUN	PC Laboratory
26.11.2014 WED	11:00-12:30	2	(LAB) Group B: Basic Statistical Concepts	Erdal COŞĞUN	PC Laboratory
31.10.2014 FRI	10:10-11:40	2	Electrophoresis	Tamir KOCAGÖZ	Class (A202)
31.10.2014 FRI	14:20-16:40	3	Group B: Introduction to Clinical Laboratory; Laboratory Instruments Group A: Nucleic Acid Amplification	Abdurrahman COŞKUN, Onur KARATUNA	Laboratory, ACU Kerem Aydınlar Campus
06.11.2014 THU	08:30-09:10	1	Clinical Laboratory Applications: Pathology	Ümit İNCE	Class (A202)
07.11.2014 FRI	14:20-16:40	3	Group A&B: Electrophoresis	Tamir KOCAGÖZ, Özgür KURT, Sinem ÖKTEM OKULLU, Nihan ÜNÜBOL	Laboratory, ACU Kerem Aydınlar Campus
14.11.2014 FRI	14:20-16:40	3	Group A: Microbiology and Molecular Microbiology Group B: Pathology	İşın AKYAR, Tamir KOCAGÖZ	Acbadem Labmed Clinical Laboratories, Altunizade
21.11.2014 FRI	14:20-16:40	3	Group A: Pathology	Ümit İNCE	Acbadem Maslak Hospital
05.12.2014 FRI	13:30-14:10	1	Fluorescence Applications in Medicine	Devrim ÖZARSLAN	Class (A202)
12.12.2014 FRI	14:20-15:00	3	Group A&B: Fluorescence Applications in Medicine	Tamir KOCAGÖZ, Devrim ÖZARSLAN, Deniz YÜCEL, Evren Kılıç, Sinem ÖKTEM OKULLU, Nihan ÜNÜBOL	Laboratory, ACU Kerem Aydınlar Campus
22.12.2014 MON	15:10-16:40	2	Introduction to Statistical Software (MedCalc or SPSS)	Erdal COŞĞUN	Class (A202)
24.12.2014 WED	13:30-15:00	2	(LAB) Group A: Introduction to Statistical Software (MedCalc or SPSS)	Erdal COŞĞUN	PC Laboratory
24.12.2014 WED	15:10-16:40	2	(LAB) Group B: Introduction to Statistical Software (MedCalc or SPSS)	Erdal COŞĞUN	PC Laboratory
25.12.2014 THU	11:00-12:30	2	Descriptive Statistics-I	Erdal COŞĞUN	Class (A202)
26.12.2014 FRI	08:30-10:00	2	(LAB) Group A: Descriptive Statistics-I	Erdal COŞĞUN	PC Laboratory
26.12.2014 FRI	10:10-11:40	2	(LAB) Group B: Descriptive Statistics-I	Erdal COŞĞUN	PC Laboratory

02.01.2015 FRI	14:20-15:00	1	Clinical Laboratory Applications: Genetics	Cengiz YAKICIER	Class (A202)
02.01.2015 FRI	15:10-15:50	1	Clinical Laboratory Applications: Biochemistry and Hematology	Meltem KILERCİK	Class (A202)
15.01.2015 FRI	14:20-16:40	3	Group A: Biochemistry and Hematology	Abdurrahman COŞKUN, Meltem KILERCİK	Acbadem Labmed Clinical Laboratories, Altunizade
			Group B: Genetics	Cengiz YAKICIER	Acbadem Genetika, Altunizade
19.01.2015 MON	15:10-16:40	2	Descriptive Statistics-II	Erdal COŞGUN	Class (A202)
21.01.2015 WED	09:20-10:50	2	(LAB) Group A: Descriptive Statistics-II	Erdal COŞGUN	PC Laboratory
21.01.2015 WED	11:00-12:30	2	(LAB) Group B: Descriptive Statistics-II	Erdal COŞGUN	PC Laboratory
27.01.2015 TUE	14:20-16:40	3	Group B: Biochemistry and Hematology	Abdurrahman COŞKUN, Meltem KILERCİK	Acbadem Labmed Clinical Laboratories, Altunizade
			Group A: Genetics	Cengiz YAKICIER	Acbadem Genetika, Altunizade
23.02.2015 MON	11:50-12:30	1	Physical Principles of X-Ray Radiography	Beki KAN	Class (A202)
23.02.2015 MON	15:10-16:40	2	Graphs for statistical analysis	Erdal COŞGUN	Class (A202)
26.02.2015 THU	09:20-10:50	2	(LAB) Group A: Graphs for statistical analysis	Erdal COŞGUN	PC Laboratory
26.02.2015 THU	11:00-12:30	2	(LAB) Group B: Graphs for statistical analysis	Erdal COŞGUN	PC Laboratory
27.02.2015 FRI	15:10-16:40	2	Clinical Information Systems	Sedar KESMEN	Class (A202)
MED 209 MI&BT-I MID-COMMITTEE EXAMINATION					
03.03.2015 TUE	11:00-11:40	1	Clinical Information Systems	Kaspar ZAKARYAN	Class (A202)
03.03.2015 TUE	11:50-12:30	1	Coding, Classification Systems	Kaspar ZAKARYAN	Class (A202)
03.03.2015 TUE	15:10-16:40	2	Examining one-variable problem by tables and graphics	Erdal COŞGUN	Class (A202)
05.03.2015 THU	09:20-10:50	2	(LAB) Group A: Examining one-variable problem by tables and graphics	Erdal COŞGUN	PC Laboratory
05.03.2015 THU	11:00-12:30	2	(LAB) Group B: Examining one-variable problem by tables and graphics	Erdal COŞGUN	PC Laboratory
06.03.2015 FRI	10:10-12:30	3	Coding, Classification Systems, Quality Principles for Medical Systems	Sedar KESMEN	Class (A202)
09.03.2015 MON	08:30-10:00	2	Imaging Information Systems	Özge SAĞIROĞLU YURDAKUL	Class (A202)
09.03.2015 MON	14:20-15:00	1	EMG	Evren KILINÇ	Class (A202)
09.03.2015 MON	15:10-16:40	2	Examining the association among the variables by tables and graphics	Erdal COŞGUN	Class (A202)
11.03.2015 WED	09:20-10:50	2	(LAB) Group A: Examining the association among the variables by tables and graphics	Erdal COŞGUN	PC Laboratory
11.03.2015 WED	11:00-12:30	2	(LAB) Group B: Examining the association among the variables by tables and graphics	Erdal COŞGUN	PC Laboratory
13.03.2015 FRI	08:30-10:00	2	Specialty Based Clinical Information Systems & Electronic Patient Records	Özge SAĞIROĞLU YURDAKUL	Class (A202)

13.03.2015 FRI	14:20-16:40	3	Group A: Visit to EMG Lab Group B: Study Time	Geysu KARLIKAYA, Evren KILINÇ	Acıbadem Kozyatağı Hospital
16.03.2015 MON	09:20-10:50	2	Health Informatics Standards, E-Health Technologies	Kaspar ZAKARYAN	Class (A202)
16.03.2015 MON	15:10-16:40	2	Standardization (z and T Scores), Statistical Distributions	Erdal COŞGUN	Class (A202)
18.03.2015 WED	09:20-10:50	2	(LAB) Group B: Standardization (z and T Scores), Statistical Distributions	Erdal COŞGUN	PC Laboratory
18.03.2015 WED	11:00-12:30	2	(LAB) Group A: Standardization (z and T Scores), Statistical Distributions	Erdal COŞGUN	PC Laboratory
19.03.2015 THU	09:20-12:30	4	Acıbadem hospital information system (Cerebral) Group A	Doğan ULUTÜRK	PC Laboratory (A101)
20.03.2015 FRI	08:30-11:40	4	Acıbadem hospital information system (Cerebral) Group B	Doğan ULUTÜRK	PC Laboratory (A101)
23.03.2015 MON	15:10-16:40	2	Introduction to Sampling Methods	Erdal COŞGUN	Class (A202)
25.03.2015 WED	09:20-10:50	2	(LAB) Group A: Introduction to Sampling Methods	Erdal COŞGUN	PC Laboratory
25.03.2015 WED	11:00-12:30	2	(LAB) Group B: Introduction to Sampling Methods	Erdal COŞGUN	PC Laboratory
26.03.2014 WED	10:10-12:30	3	Image Production and Interpretation in Radiographics and Radiation Protection	Sıla ULUS	Class (A202)
27.03.2015 FRI	11:00-12:30	2	Medula	Kaspar ZAKARYAN	PC Laboratory (A101)
27.03.2015 FRI	14:20-16:40	3	Group B: Visit to EMG Lab Group A: Study Time	Geysu KARLIKAYA, Evren KILINÇ	Acıbadem Kozyatağı Hospital
30.03.2015 MON	15:10-16:40	2	Introduction to hypothesis tests	Erdal COŞGUN	Class (A202)
01.04.2015 WED	09:20-10:50	2	(LAB) Group A: Introduction to hypothesis tests	Erdal COŞGUN	PC Laboratory
01.04.2015 WED	11:00-12:30	2	(LAB) Group B: Introduction to hypothesis tests	Erdal COŞGUN	PC Laboratory
01.04.2015 WED	13:30-15:00	2	Image Production and Interpretation in CT	Sıla ULUS	Class (A202)
03.04.2015 FRI	11:00-12:30	2	Image Production and Interpretation in MRI	Alp DİNÇER	Class (A202)
06.04.2015 MON	10:10-10:50	1	Skin Tissue Engineering	Beste KINIKOĞLU	Class (A202)
06.04.2015 MON	15:10-16:40	2	Hypothesis tests-I	Erdal COŞGUN	Class (A202)
07.04.2015 TUE	10:10-10:50	1	Physical Principles of Ultrasonography	Evren KILINÇ	Class (A202)
08.04.2015 WED	08:30-09:10	1	Image Production and Interpretation in Ultrasonography	Ümit ÖZCAN	Class (A202)
08.04.2015 WED	09:20-10:50	2	(LAB) Group B: Hypothesis tests-I	Erdal COŞGUN	PC Laboratory
08.04.2015 WED	11:00-12:30	2	(LAB) Group A: Hypothesis tests-I	Erdal COŞGUN	PC Laboratory
10.04.2015 FRI	15:10-15:50	1	Physical Principles of CT & MRI	Evren KILINÇ	Class (A202)
13.04.2015 MON	09:20-10:50	2	Orthopedic Implant Technology and Tissue Engineering Applications	Deniz YÜCEL	Class (A202)
13.04.2015 MON	11:00-12:30	2	Medula	Kaspar ZAKARYAN	PC Laboratory (A101)
13.04.2015 MON	15:10-16:40	2	Hypothesis tests-II	Erdal COŞGUN	Class (A202)
15.04.2015 WED	09:20-10:50	2	(LAB) Group A: Hypothesis tests-II	Erdal COŞGUN	PC Laboratory
15.04.2015 WED	11:00-12:30	2	(LAB) Group B: Hypothesis tests-II	Erdal COŞGUN	PC Laboratory

21.04.2015 TUE	09:20-10:50	2	Measures of association	Erdal COŞGUN	Class (A202)
22.04.2015 WED	09:20-10:50	2	(LAB) Group A: Measures of association	Erdal COŞGUN	PC Laboratory
22.04.2015 WED	11:00-12:30	2	(LAB) Group B: Measures of association	Erdal COŞGUN	PC Laboratory
04.05.2015 MON	14:20-16:40	3	Group A&B: Radiological Imaging Systems in Medicine	Ercan KARAARSLAN	Acibadem Maslak Hospital
06.05.2015 WED	11:00-12:30	2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
08.05.2015 FRI	15:10-16:40	2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
14.05.2015 THU	09:20-10:50	2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
15.05.2015 FRI	09:20-10:50	2	Discuss student's research in health project	Erdal COŞGUN	Class (A202)
25.05.2015 MON	13:30-15:50	3	Group A&B: Bronchoscopy	Çağlar ÇUHADAROĞLU	ACU CASE
05.06.2015 FRI	13:30-14:10		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
--	--	--



1 MR

1 MR

200

0

50

CNAP

120

SpO2

100

80



2014-2015 YEAR 3

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	165	8	6
Nervous System and Related Disorders	146	0	146	8	0	8	55	209	11	8
Growth, Development and Endocrine Disorders	85	6	91	2	0	2	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	212	9	8
Clinical Medicine and Professional Skills-V	9	21	30	9	0	9	116	155	3	6
Clinical Medicine and Professional Skills-VI	16	0	16	1	64	65	140	221	4	8
Medical Informatics and Biomedical Technologies-II	15	0	15	0	33	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	633	54	687	148	64	212	671	1570	60	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. İsmail Hakkı ULUS; ihakki.ulus@acibadem.edu.tr Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr					
Committee Chairs	Prof. Sinan DAĞDELEN; sdagdelen@asg.com.tr Assist. Prof. Mehmet ERGEN; mehmet.ergen@acibadem.edu.tr					
Academic Units & Staff	<p>Anatomy: Elif N. KESKİNÖZ., MSc., 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. Ahmet Duran DEMİR, M.D., Prof. İlke ŞİPAHI, M.D., Prof. F. Seden ERTEN-ÇELİK, M.D., Assoc. Prof. Duhan Fatih BAYRAK, M.D., Assoc. Prof. Ahmet KARABULUT, M.D., Assoc. Prof. Gülcan KURU-ABALI, M.D., Assist. Prof. Ali BUTURAK, M.D., Assist. Prof. Hakan HASDEMİR, M.D., Assoc. Prof. Selçuk GÖRMEZ, M.D., Instructor Aleks DEĞİRMENCİOĞLU, M.D., Instructor</p> <p>Cardiovascular Surgery: Hasan KARABULUT, M.D., Prof. Şahin ŞENAY, M.D., Assoc. Prof.</p> <p>Family Medicine: Efe ONGANER, M.D., Assist. 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 AÇIRBAŞLI, M.D., Ph.D., Assist. Prof.</p> <p>Nuclear Medicine: Ahmet Levent GÜNER, M.D., Assist. Prof.</p>					

<p>Academic Units & Staff</p>	<p>Pediatrics: Alpay ÇELİKER, 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. :</p> <p>Physiology: Güldal SÜYEN, M.D., Ph.D., Prof.</p> <p>Public Health: Yeşim YASİN, MA., MSc, Instructor</p> <p>Radiology: Özlem SAYGILI BARUTÇU, M.D., Prof. Erdem YILDIZ, M.D., Assist. Prof.</p> <p>Affiliated Faculty:</p> <p>Pharmacology Filiz ONAT, M.D., Prof.</p> <p>Cardiology Ergün SEYFELİ, M.D., Prof. Tansu KARAAHMET, M.D., Assoc. Prof. Zehra İrem SEZER, M.D., Instructor</p> <p>Biophysics Ayşe İnhan GARİP, Ph.D., Assoc. Prof.</p>
<p>Course Date</p>	<p>13.10.2014 - 17.11.2014</p>
<p>Educational Methods</p>	<p>Theoretical and practical lectures, discussions, seminars</p>
<p>Evaluation Methods</p>	<p>Theoretical and practical subject committee exams, skills and performance based assessment</p>
<p>Course Aims</p>	<p>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.</p>
<p>Learning Outcomes</p>	<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)			
Nervous System and Related Disorders	MED 305	3	Fall	Preparation (Hour)	55	11	8

Educational Language	English
----------------------	---------

Course Type	Compulsory
-------------	------------

Course Level	Undergraduate
--------------	---------------

Year Coordinators	Prof. İsmail Hakkı ULUS; ihakki.ulus@acibadem.edu.tr Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr
-------------------	--

Course Chairs	Assoc. Prof. Dilaver KAYA; dilaverka@yahoo.com. Assist. Prof. Deniz YÜCEL, deniz.yucel@acibadem.edu.tr
---------------	---

Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, M.D.,Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., 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.</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: Yavuz OKTAY, 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., Assist. Prof. Elif ILGAZ AYDINLAR, M.D., Assist. Prof. Yıldız KAYA, M.D., Assist. 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>
------------------------	---

Academic Units & Staff	<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: Pharmacology Filiz ONAT, M.D. Prof. Psychiatry: Burcu GÖKTAN YAVUZ, M.D., Assist. Prof</p>
Course Date	18.11.2014 - 29.12.2014
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</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)	91	Credit	ECTS
				Practical (Hour)	2		
Growth, Development and Endocrine Disorders	MED 307	3	FALL	Preparation (Hour)	40	7	5

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. İsmail Hakkı ULUS; ihakki.ulus@acibadem.edu.tr Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr
Committee Chairs	Assoc.Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr Assist. Prof. Özlem ÇELİK
Academic Units & Staff	<p>Anatomy: Elif Nedret KESKİNÖZ, M.Sc., Instructor</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. 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., Assoc. Prof. Adnan GÖKÇEL, M.D., Assoc. Prof. Özlem SEZGİN MERİÇLİLER, M.D., Assist. Prof. Neslihan KURTULMUŞ Özlem ÇELİKER</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Muhittin SERDAR, M.D., 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. Özlem AYDIN, M.D., Assoc. Prof.</p> <p>Pediatrics: Serap SEMİZ, M.D., Prof. Yasemin ALANAY, M.D., Prof.</p>

Academic Units & Staff	<p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health: Yeşim YASİN, Instructor</p> <p>Radiology Simay ALTAN KARA, M.D. Prof. Ümit ÖZCAN, M.D., Assist. Prof.</p> <p>Affiliated faculty: Filiz ONAT, M.D. Prof.</p> <p>Family Medicine Şirin PARKAN, M.D.</p>
Course Date	30.12.2014-6.02.2015
Educational Methods	Theoretical and practical lectures, discussions, seminars
Evaluation Methods	Theoretical and practical subject committee exams, skills and performance based assessment
Course Aims	This 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)	30	Credit	ECTS
			Practical (Hour)	9		
Clinical Medicine and Professional Skills-V	MED 309	Fall	Preparation (Hour)	116	3	6
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. İsmail Hakkı ULUS; ihakki.ulus@acibadem.edu.tr Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr					
CMPS Coordinators	Assoc. Prof. Pınar TOPSEVER pinar.topsever@acibadem.edu.tr Assist. Prof. Figen DEMİR, figen.demir@acibadem.edu.tr					
Academic Units & Staff	Behavioral Science Kültegin ÖGEL, M.D., Prof. Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor Pediatrics Yasemin ALANAY, M.D., Ph.D., Prof. Physiology Melike ŞAHİNER, M.D., Ph.D., Assist. Prof. Public Health Figen DEMİR, M.D., Assist. Prof. Affiliated Faculty Şirin PARKAN M.D.					
Course Date	22.10.2014 - 30.01.2015					
Educational Methods	Theoretical and practical sessions, peer discussions, experiential learning, case studies and group presentations.					
Assessment Methods	Written examination, case analyzing, and assignments.					
Course Aims	This course aims; <u>Research in Health:</u> <u>Evidence Based Medicine (EBM)</u> <u>-Critical Appraisal of Medical Literature-</u> 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. <u>Writing a scientific paper</u> To create a learning opportunity for students to gain knowledge and skills related to writing a scientific paper <u>Advanced Communication Skills:</u> To enable students to effectively manage difficult situations and sensitive issues during medical interviews using appropriate communication skills					

<p>Learning Outcomes</p>	<p>By the end of this course, the students will be able to;</p> <p><u>Research in Health:</u> <u>Evidence Based Medicine (EBM)</u> <u>-Critical Appraisal of Medical Literature-</u></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><u>Advanced Communication Skills</u></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” • be aware of the function of communication skills for the management of “difficult patients” • be able to demonstrate necessary communication skills to manage medical interviews with children, elderly, cognitively or sensory communication impaired individuals • 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. Emergency Room, Critical Care Unit, Psychiatry) • 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 (e.g. seeking consent for organ donation) • value the importance of a patient centered approach for seeking informed consent • define the circle of behaviour change • discuss and name methods and communication skills necessary to induce change of risky health behaviour (e.g. brief intervention, motivational interviewing) • value the necessity to act as a positive role model and try to motivate and inspire colleagues when working in teams • obtain key skills for team work: • respect the skills and contributions of your colleagues • communicate effectively with colleagues within and outside the team • make sure that your patients and colleagues understand your role and responsibilities in the team, and who is responsible for each aspect of patient care • participate in regular reviews and audit of the standards and performance of the team, taking steps to remedy any deficiencies • support colleagues who have problems with performance, conduct or health
---------------------------------	--

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	15	Credit	ECTS
			Practical (Hour)	33		
Medical Informatics and Bio- medical Technologies-II	MED 311	Fall and Spring	Preparation (Hour)	78	3	5
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. İsmail Hakkı ULUS, ihakki.ulus@acibadem.edu.tr Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr					
Course Chairs	Prof. Tanıl KOCAGÖZ, tanil.kocagoz@acibadem.edu.tr Assoc. Prof. Erdal COŞGÜN, 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. Güldal SÜYEN, 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. Ahmet Levent GÜNER, M.D., Assist. Prof. Beste Kınıkoğlu, Ph.D., Assist. Prof. Zehra İrem SEZER, M.D., Instructor Seçkin SATILMIŞ, Instructor					
Course Date	22.10.2014-29.05.2015					
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)	131	Credit	ECTS
			Practical (Hour)	10		
Gastrointestinal System and Related Disorders	MED 304	Fall	Preparation (Hour)	64	10	8

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Prof. Güldal Süyen; guldal.suyen@acibadem.edu.tr
Committee Chairs	Assoc.Prof. Murat Saruç; murat.saruc@acibadem.edu.tr Inst.Elif Nedret KESKİNÖZ; elif.keskinoz@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, M.D., Ph.D, Prof. Elif Nedret KESKİNÖZ, MSc., Instructor</p> <p>Family Medicine: Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Internal Medicine: Nurdan TÖZÜN, M.D., Prof. Murat SARUÇ, M.D., Prof. Bahattin ÇİÇEK, M.D. Assoc. Prof. Bülent DEĞERTEKİN, M.D., Assoc. Prof. Özdemir ERSOY, M.D., Assist. Prof. Nurten TÜRKEKEL, M.D., Assist. Prof. Fatih Oğuz ÖNDER Eser KUTSAL</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. Assoc. Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Assoc. Prof.</p> <p>Medical Biochemistry: Mustafa SERTESER, M.D., Prof. Abdurrahman COŞKUN, M.D., c. Prof. Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Muhittin SERDAR, M.D., Prof.</p> <p>Pathology: İlker AKPOLAT, M.D., Prof. Ümit İNCE, M.D., Prof. Özlem AYDIN, M.D., Assoc. Prof. Hale KIRIMLIOĞLU, M.D. Assoc. Prof. Yeşim SAĞLICAN, M.D, Instructor</p>

<p>Academic Units & Staff</p>	<p>Pediatrics: Cengiz CANPOLAT, M.D., Prof. Yasemin ALANAY, M.D., Prof. Atalay DEMİREL, M.D., Assist. Prof. Müjde ARAPOĞLU, M.D., Assist. Prof.</p> <p>Pediatric Surgery: K.Latif ABBASOĞLU, M.D., Prof.</p> <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof</p> <p>Physiology: Mehmet ERGEN, Ph.D., Assist. Prof.</p> <p>Public Health: Yeşim YASİN, Instructor</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: Family Medicine Şirin PARKAN, M.D. Pharmacology Filiz ONAT, M.D. Prof. Pediatrics Mahir GÜLCAN, M.D.</p>
<p>Course Date</p>	<p>23.02.2015-13.04.2015</p>
<p>Educational Methods</p>	<p>Theoretical and practical lectures, discussions, seminars</p>
<p>Evaluation Methods</p>	<p>Theoretical and practical subject committee exams, skills and performance based assessment</p>
<p>Course Aims</p>	<p>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.</p>
<p>Learning Outcomes</p>	<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

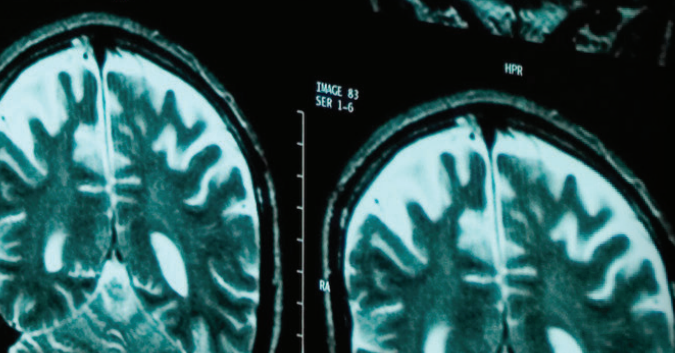
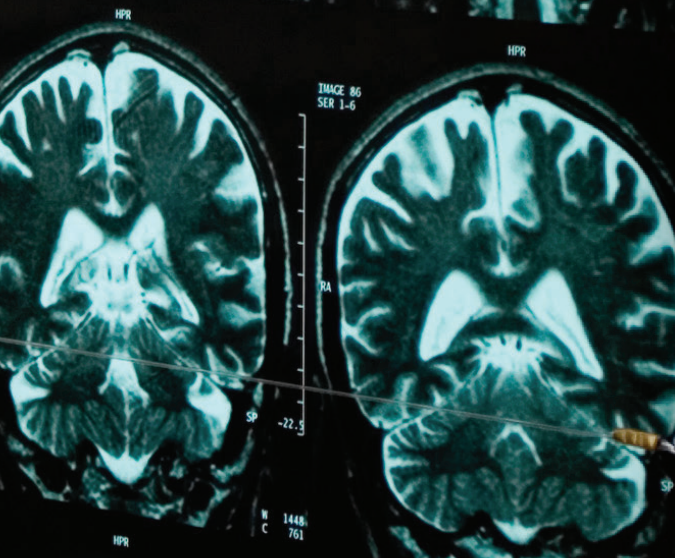
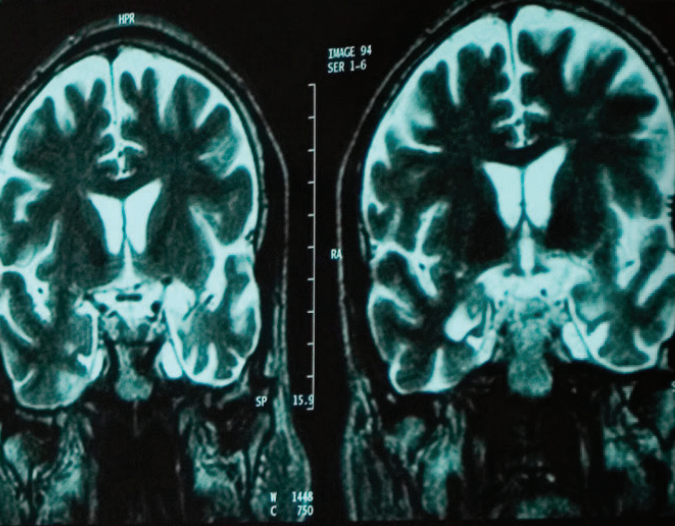
Course Name	Code	Year	Semester	Theoretical (Hour)	116	Credit	ECTS
				Practical (Hour)			
Urogenital System and Related Disorders	MED 306	3	Spring	Preparation (Hour)	85	9	8

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. İsmail Hakki ULUS; ihakki.ulus@acibadem.edu.tr Prof. Güldal SÜYEN; guldal.suyen@acibadem.edu.tr
Course Chairs	Assoc. Prof. Cem Batukan; cem.batukan@acibadem.edu.tr Assist. Prof. Deniz AĞIRBAŞLI; deniz.agirbasli@acibadem.edu.tr
Academic Units & Staff	<p>Anatomy: Alp BAYRAMOĞLU, M.D. Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., 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., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Yavuz OKTAY, 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>

Academic Units & Staff	<p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology: Güldal SÜYEN, M.D., Ph.D., Prof.</p> <p>Public Health: Yeşim Yasin, Instructor</p> <p>Radiology: Ümit ÖZCAN, M.D., Assist. Prof. M. Erdem YILDIZ, M.D., Assist. Prof.</p> <p>Urology: 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. İsmail Cenk ACAR, 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 BERKET, M.D., Assist. Prof.</p>
Course Date	14.04.2015-14.06.2015
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)	16	Credit	ECTS
			Practical (Hour)	65		
Clinical Medicine and Professional Skills-VI	MED 308	Spring	Study Time (Hour)	140	4	8
Educational Language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Prof. Güldal Süyen; guldal.suyen@acibadem.edu.tr					
CMPS Coordinators	Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr Assist. Prof. Figen Demir; figen.demir@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., Assist. Prof.</p> <p>Public Health Figen DEMİR, M.D., Assist. Prof. Yeşim YASİN, MSc.</p> <p>Affiliated Faculty Haluk ÖZSARI, M.v D., Assoc. Prof. Şirin PARKAN, M.D.</p>					
Course Date	25.02.2015 - 03.06.2015					
Educational Methods	Working in PHC and hospitals, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions					
Assessment Methods	Written examination, log-books, performance assessment					
Course Aims	<p>This course aims to;</p> <p>Health and Society: Practice in Primary Health Care and Hospital 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>					
Learning Outcomes	<p>By the end of this course, the students will;</p> <p>Health and Society: Practice in Primary Health 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 • awareness of the extension of primary health care services • identify and explore the key requirements in primary health 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 					





YEAR 3 FALL SEMESTER SCHEDULE

13.10.2014 MONDAY		
08:30 – 12:30	OPENING CEREMONY	
13:30 – 14:10	Introduction to the Year 3	İsmail Hakkı Ulus, Güldal Süyen
14:20 – 15:00	Introduction to the MED 303: Cardiovascular system and related disorders	Sinan Dağdelen, Mehmet Ergen
15:10 – 15:50	Heart and pericardium	Elif Keskinöz
16:00 – 16:40	Heart and pericardium	Elif Keskinöz
16:50 – 17:30	Heart and pericardium	Elif Keskinöz

14.10.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	Histology of heart and blood vessels	Deniz Yücel
11:00 – 11:40	Histology of heart and blood vessels	Deniz Yücel
11:50 – 12:30	Large vessels and blood circulation	Elif Keskinöz
13:30 – 15:00	LAB: Histology of heart and blood vessels _ Group A	Serap Arbak - Deniz Yücel
15:10 – 16:40	LAB: Histology of heart and blood vessels _ Group B	Serap Arbak - Deniz Yücel

15.10.2014 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	The heart as a pump; cardiac action potential	Güldal Süyen
10:10 – 10:50	The heart as a pump; cardiac action potential	Güldal Süyen
11:00 – 11:40	Basic concepts of fluid flow: Pressure, Pascal's law, Poiseuille's law	Beki Kan
11:50 – 12:30	Viscosity, laminar and turbulent flow	Beki Kan
13:30 – 15:00	LAB: Heart and pericardium _ Group A	Alp Bayramoğlu - Elif Keskinöz
15:10 – 16:40	LAB: Heart and pericardium _ Group B	Alp Bayramoğlu - Elif Keskinöz

16.10.2014 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Large vessels and blood circulation _ Group A	Alp Bayramoğlu - Elif Keskinöz
10:10 – 10:50	LAB: Large vessels and blood circulation _ Group B	Alp Bayramoğlu - Elif Keskinöz
11:00 – 11:40	Cardiac cycle	Güldal Süyen
11:50 – 12:30	Cardiac cycle	Güldal Süyen
13:30 – 14:10	Development of cardiovascular system	Serap Arbak
14:20 – 15:00	Development of cardiovascular system	Serap Arbak
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen

17.10.2014 FRIDAY		
08:30 – 09:10	Drugs altering cholinergic neurotransmission in the cardiovascular system	İsmail Hakkı Ulus
09:20 – 10:00	Drugs altering catecholaminergic neurotransmission in the cardiovascular system	İsmail Hakkı Ulus
10:10 – 10:50	Physiological principles of heart sounds	Güldal Süyen
11:00 – 11:40	Rhythmical excitation of the heart	Güldal Süyen
11:50 – 12:30	Rhythmical excitation of the heart	Güldal Süyen
13:30 – 14:10	Biophysics of blood vessel systems, Laplace's law	Beki Kan
14:20 – 15:00	Biophysics of blood vessel systems, Laplace's law	Beki Kan
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

20.10.2014 MONDAY		
08:30 – 09:10	Lipoprotein metabolism and hyperlipidemias	Mustafa Serteser
09:20 – 10:00	Lipoprotein metabolism and hyperlipidemias	Mustafa Serteser
10:10 – 10:50	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Mustafa Serteser
11:00 – 11:40	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Mustafa Serteser
11:50 – 12:30	Pressure drop, resistance of vascular beds	Beki Kan
13:30 – 14:10	Regulation of cardiac functions	Güldal Süyen
14:20 – 15:00	Regulation of blood flow	Güldal Süyen
15:10 – 15:50	Regulation of blood flow	Güldal Süyen
16:00 – 16:40	Study time	

21.10.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Clinical anatomo-physiopathology of the heart	Gülcan Abalı
10:10 – 10:50	Topographic anatomy of the cardiovascular system	Gülcan Abalı
11:00 – 11:40	Equation of continuity, kinetic energy associated with blood: Bernoulli's law	Beki Kan
11:50 – 12:30	Electrical fields, potential, potential at a point	Ayşe İnhan Garip
13:30 – 14:10	Circulation through special regions	Güldal Süyen
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

22.10.2014 WEDNESDAY		
08:30 – 09:10	Drugs affecting the NO system	İsmail Hakkı Ulus
09:20 – 10:00	Regulation of blood pressure	Güldal Süyen
10:10 – 10:50	Regulation of blood pressure	Güldal Süyen
11:00 – 11:40	CMPS V: Research in Health /Evidence Based Medicine (EBM)	Pınar Topsever
11:50 – 12:30	Introduction to the principles of evidence based medicine	
13:30 – 14:10	Cardiovascular history and symptoms	Şevket Görgülü
14:20 – 15:00	Physical examination in cardiology	Şevket Görgülü
15:10 – 15:50	Basic principles of ECG (MI&BT-II)	Güldal Süyen
16:00 – 16:40	Study time	

23.10.2014 THURSDAY		
08:30 – 09:10	Artificial respiratory and circulatory systems (MI&BT-II)	Efe Onganer
09:20 – 10:00	Ventilatory and other reanimation unit instruments (MI&BT-II)	Efe Onganer
10:10 – 10:50	Physiological principles of ECG	Güldal Süyen
11:00 – 11:40	Physiological principles of ECG	Güldal Süyen
11:50 – 12:30	The role of gravity in circulation	Beki Kan
13:30 – 14:10	Drugs affecting vasopressin and the renin-angiotensin system	İsmail Hakkı Ulus
14:20 – 15:00	Drugs affecting vasopressin and the renin-angiotensin system	İsmail Hakkı Ulus
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

24.10.2014 FRIDAY		
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	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 – 15:50	Group A: Cardiac diagnostic tests: Echocardiography and stress tests; ECG, Cardiac catheterization and coronary angiography (ACU CASE)	Group B: Ventilation and other re-animation equipments Artificial respiratory systems (ACU CASE)
16:00 – 16:40	Ali Buturak, Seden Erten-Çelik, Ahmet Akyol Seçkin Satılmış, Zehra İrem Sezer, Hakan Hasdemir	Fevzi Toraman

27.10.2014 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 303 MID-COMMITTEE EXAMINATION	Mehmet Ergen, Deniz Yücel, Deniz Ağırbaşı, Devrim Öz Arslan, Işıl Pakiç,
11:00 – 11:40		Patrick Owen
11:50 – 12:30	Study time	
13:30 – 14:10	ECG: ischemia, injury, necrosis	Sinan Dağdelen
14:20 – 15:00	Cardiac pacemakers	Ayşe İnhan Garip
15:10 – 15:50	Systemic hypertension: mechanisms and diagnosis	İlke Sipahi
16:00 – 16:40	Vascular biology and atherosclerosis	İlke Sipahi

28.10.2014 TUESDAY		
08:30 – 09:10	LAB: ECG recording and evaluation _ Group A	Ahmet Akyol- Duhan Fatih Bayrak
09:20 – 10:00	LAB: ECG recording and evaluation _ Group B	Ahmet Akyol- Duhan Fatih Bayrak
10:10 – 10:50	LAB: ECG recording and evaluation _ Group C	Ahmet Akyol- Duhan Fatih Bayrak
11:00 – 11:40	LAB: ECG recording and evaluation _ Group D	Ahmet Akyol- Duhan Fatih Bayrak
11:50 – 12:30	LAB: ECG recording and evaluation _ Group E	Ahmet Akyol- Duhan Fatih Bayrak
REPUBLIC DAY		

29.10.2014 WEDNESDAY		
REPUBLIC DAY		

30.10.2014 THURSDAY		
08:30 – 09:10	Atherosclerosis and hypertensive vascular diseases	İlker Akpolat
09:20 – 10:00	Atherosclerosis and hypertensive vascular diseases	İlker Akpolat
10:10 – 10:50	Drug treatment of hypertension	Filiz Onat
11:00 – 11:40	Drug treatment of hypertension	Filiz Onat
11:50 – 12:30	Right and left heart failure: diagnosis and treatment	Ahmet Duran Demir
13:30 – 14:10	Cardiac infections	Sesin Kocagöz
14:20 – 15:00	Cardiac infections	Sesin Kocagöz
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

31.10.2014 FRIDAY		
08:30 – 09:10	Drug treatment of cardiac arrhythmia	Filiz Onat
09:20 – 10:00	Anticoagulant and thrombolytic agents	Filiz Onat
10:10 – 10:50	Pathophysiology of heart failure	Seden Erten Çelik
11:00 – 11:40	Tricuspid and Pulmonary valvular heart diseases	Seden Erten Çelik
11:50 – 12:30	Mitral and Aortic valvular heart diseases	Zehra İrem Sezer
13:30 – 14:10	Study time	
Medical Informatics and Biomedical Technologies (MI&BT-II)		
14:20 – 15:00	Group B: 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 A: Ventilation and other re-animation equipments Artificial respiratory systems (ACU CASE) Fevzi Toraman
15:10 – 15:50		
16:00 – 16:40		

03.11.2014 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Drug treatment of heart failure	Filiz Onat
10:10 – 10:50	Drug treatment of heart failure	Filiz Onat
11:00 – 11:40	Hypotension and syncope: mechanisms and diagnosis	Tuğrul Norgaz
11:50 – 12:30	Aortic diseases	Tuğrul Norgaz
13:30 – 14:10	Pathology of valvular heart diseases	Ümit İnce
14:20 – 15:00	Pathology of valvular heart diseases	Ümit İnce
15:10 – 15:50	Clinical evaluation of hereditary cardiovascular diseases	Aleks Değirmencioglu
16:00 – 16:40	Coronary blood flow and myocardial ischemia	Aleks Değirmencioglu
04.11.2014 TUESDAY		
08:30 – 09:10	Vascular events and atherosclerosis	Mustafa Serteser
09:20 – 10:00	Vascular events and atherosclerosis	Mustafa Serteser
10:10 – 10:50	Laboratory approach to heart failure and cardiac injury	Mustafa Serteser
11:00 – 11:40	Laboratory approach to heart failure and cardiac injury	Mustafa Serteser
11:50 – 12:30	Drug treatment of atherosclerosis - hypercholesterolemia and dyslipidemia	İsmail Hakkı Ulus
13:30 – 14:10	Drug treatment of atherosclerosis - hypercholesterolemia and dyslipidemia	İsmail Hakkı Ulus
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
05.11.2014 WEDNESDAY		
08:30 – 09:10	Genetics of cardiovascular diseases	Deniz Ağırbaşı
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	CMPS V: Research in Health /EBM	Figen Demir
11:50 – 12:30	Error sources in epidemiological studies-1	
13:30 – 14:10	Coronary heart disease: Primary prevention	Ergün Seyfeli
14:20 – 15:00	Cardiac shock	Tansu Karaahmet
15:10 – 15:50	Cardiomyopathies	Tansu Karaahmet
16:00 – 16:40	Myocardial infarction: mechanisms and diagnosis	Mustafa Kemal Batur
06.11.2014 THURSDAY		
08:30 – 09:10	Ischemic heart disease	İlker Akpolat
09:20 – 10:00	Ischemic heart disease	İlker Akpolat
10:10 – 10:50	Drug treatment of myocardial ischemia	İsmail Hakkı Ulus
11:00 – 11:40	Drug treatment of myocardial ischemia	İsmail Hakkı Ulus
11:50 – 12:30	Pericardial diseases	Selçuk Görmez
13:30 – 14:10	Hemostasis, thrombosis, fibrinolysis and cardiovascular disease	Ali Buturak
14:20 – 15:00	Diseases of the arterial and venous system	Ali Buturak
15:10 – 15:50	Introduction to surgical management of adult cardiovascular heart diseases	Şahin Şenay
16:00 – 16:40	General Principles of CV Surgery	Hasan Karabulut
07.11.2014 FRIDAY		
08:30 – 09:10	Cyanosis	Alpay Çeliker
09:20 – 10:00	Congenital Heart Diseases	Alpay Çeliker
10:10 – 10:50	Congenital Heart Diseases	Alpay Çeliker
11:00 – 11:40	Vasculitis	Hale Kırımlioğlu
11:50 – 12:30	Vasculitis	Hale Kırımlioğlu
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	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

10.11.2014 MONDAY		
08:30 – 09:10	Nuclear cardiology	Levent Güner
09:20 – 10:00	Rheumatic fever	Arda Saygılı
10:10 – 10:50	Fetal cardiology	Arda Saygılı
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	Pulmonary hypertension	Alpay Çeliker
16:00 – 16:40	Genetic and metabolic cardiomyopathies	Alpay Çeliker

11.11.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Radiology of the vascular system	Erdem Yıldız
10:10 – 10:50	Radiology of the vascular system	Erdem Yıldız
11:00 – 11:40	Blood stream invasion and sepsis	Hülya Kuşoğlu
11:50 – 12:30	Blood stream invasion and sepsis	Hülya Kuşoğlu
13:30 – 14:10	LAB: Peripheral vascular evaluation and related tests; heart sounds and cardiac maneuvers _ Group A	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 B	Tansu Karaahmet, Seçkin Satılmış
16:00 – 16:40		Gülcan Abalı, Hakan Hasdemir

12.11.2014 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	

13.11.2014 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	

14.11.2014 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	

17.11.2014 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 303 SUBJECT COMMITTEE EXAMINATION	Mehmet Ergen Deniz Yücel, Deniz Ağırbaşlı Cemaliye Akyerli Boylu Özgür Kurt Elif Keskinöz Gery Çiftçioğlu
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	

18.11.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Introduction to Subject Committee: Nervous system and related disorders	Dilaver Kaya, 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	Alp Bayramoğlu
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

19.11.2014 WEDNESDAY		
08:30 – 09:10	Spinal cord: ascending tracts	Alp Bayramoğlu
09:20 – 10:00	Spinal cord: descending tracts	Alp Bayramoğlu
10:10 – 10:50	Reflexes	Güldal Süyen
11:00 – 11:40	CMPS V: Research in Health /EBM	Figen Demir
11:50 – 12:30	Error sources in epidemiological studies-2	
13:30 – 15:00	LAB: Spinal cord, meninges and dural sinuses of brain _ Group A	Alp Bayramoğlu, Elif Keskinöz
15:10 – 16:40	LAB: Spinal cord, meninges and dural sinuses of brain _ Group B	Alp Bayramoğlu, Elif Keskinöz

20.11.2014 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Medulla oblongata	Alp Bayramoğlu
10:10 – 10:50	Pons	Elif Keskinöz
11:00 – 11:40	Mesencephalon	Elif Keskinöz
11:50 – 12:30	Cerebellum	Elif Keskinöz
13:30 – 14:10	Functions of cerebellum	Güldal Süyen
14:20 – 15:00	Functions of cerebellum	Güldal Süyen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

21.11.2014 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
Study time	Cranial nerves	Elif Keskinöz
11:00 – 11:40	Cranial nerves	Elif Keskinöz
11:50 – 12:30	Cranial nerves	Elif Keskinöz
13:30 – 14:10	Clinical evaluation of cranial nerves	Geysu Karlıkaya
14:20 – 15:00	Otolaryngological presentations of cranial nerve palsies	Şenol Polat
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

24.11.2014 MONDAY		
08:30 – 09:10	Thalamus	Elif Keskinöz
09:20 – 10:00	Hypothalamus and hypophysis	Elif Keskinöz
10:10 – 10:50	Basal ganglia, epithalamus	Elif Keskinöz
11:00 – 11:40	LAB: Cerebellum and brain stem _ Group B	Alp Bayramoğlu, Elif Keskinöz
11:50 – 12:30	LAB: Cerebellum and brain stem _ Group A	Alp Bayramoğlu, Elif Keskinöz
13:30 – 14:10	Functions of basal ganglia	Güldal Süyen
14:20 – 15:00	Cerebral hemispheres: general topography	Alp Bayramoğlu
15:10 – 15:50	Cerebral hemispheres, motor and sensory areas, medullary substance	Alp Bayramoğlu
16:00 – 16:40	Study time	

25.11.2014 TUESDAY		
08:30 – 09:10	Histology of Cerebrum, Cerebellum and Spinal Cord: An Overview	Deniz Yücel
09:20 – 10:00	Autonomic Nervous System	Elif Keskinöz
10:10 – 10:50	Autonomic Nervous System	Elif Keskinöz
11:00 – 11:40	Brain ventricles and circulation of CSF	Elif Keskinöz
11:50 – 12:30	Regulation of cerebral blood flow and CSF circulation	Güldal Süyen
13:30 – 14:10	Anatomy of limbic system	Elif Keskinöz
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

26.11.2014 WEDNESDAY		
08:30 – 09:10	Development of the Nervous System	Deniz Yücel
09:20 – 10:00	Development of the Nervous System	Deniz Yücel
10:10 – 10:50	Limbic system	Güldal Süyen
11:00 – 12:30	CMPS V: Research in Health / EBM Randomized clinical trials	Pınar Topsever
13:30 – 15:00	LAB: Cerebral cortex, hemispheres, diencephalon, basal ganglia, cranial nerves _ Group A	Alp Bayramoğlu, Elif Keskinöz
15:10 – 16:40	LAB: Cerebral cortex, hemispheres, diencephalon, basal ganglia, cranial nerves _ Group B	Alp Bayramoğlu, Elif Keskinöz

27.11.2014 THURSDAY		
08:30 – 10:00	LAB: ANS, Brain ventricles and CSF vessels of CNS_ Group A	Alp Bayramoğlu, Elif Keskinöz
10:10 – 11:40	LAB: ANS, Brain ventricles and CSF vessels of CNS_ Group B	Alp Bayramoğlu, Elif Keskinöz
11:50 – 12:30	Eye, visual pathway	Alp Bayramoğlu
13:30 – 14:10	Eye, visual pathway	Alp Bayramoğlu
14:20 – 15:00	The orbit and its contents	Alp Bayramoğlu
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

28.11.2014 FRIDAY		
08:30 – 09:10	The ear	Elif Keskinöz
09:20 – 10:00	Auditory pathway and vestibular pathway	Elif Keskinöz
10:10 – 10:50	Cortical and brain stem control of movement; vestibular senses	Güldal Süyen
11:00 – 11:40	Cortical and brain stem control of movement; vestibular senses	Güldal Süyen
11:50 – 12:30	Diagnosis in psychiatry and classification of mental disorders	Kültegin Ögel
13:30 – 14:10	Signs and symptoms in Neurology	Çiğdem Doğulu
14:20 – 15:00	Signs and symptoms in Neurology	Çiğdem Doğulu
15:10 – 15:50	Laboratory evaluation of CSF	Mustafa Serteser
16:00 – 16:40	Laboratory evaluation of CSF	Mustafa Serteser

01.12.2014 MONDAY		
08:30 – 09:10	Vessels of central nervous system	Alp Bayramoğlu
09:20 – 10:00	LAB: Visual and auditory pathways _ Group B	Alp Bayramoğlu, Elif Keskinöz
10:10 – 10:50	LAB: Visual and auditory pathways _ Group A	Alp Bayramoğlu, Elif Keskinöz
11:00 – 11:40	Central neurophysiology of hearing and vision	Güldal Süyen
11:50 – 12:30	Central neurophysiology of hearing and vision	Güldal Süyen
13:30 – 14:10	Clinical problems of peripheral vestibular system	Haluk Özkarakaş
14:20 – 15:00	Conductive and sensorineural hearing problems	Safer Arif Uluğbil
15:10 – 15:50	Neurotransmitters	Mustafa Serteser
16:00 – 16:40	Neurotransmitters	Mustafa Serteser

02.12.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Acute Meningitis	Sesin Kocagöz
10:10 – 10:50	Acute Meningitis	Sesin Kocagöz
11:00 – 11:40	Nervous system infections	Murat Aksu
11:50 – 12:30	Extrapyramidal system disorders	Murat Aksu
13:30 – 14:10	Chronic Meningitis	Tanıl Kocagöz
14:20 – 15:00	Medical English-Journal Club	İlke Sipahi
15:10 – 15:50	Medical English-Journal Club	İlke Sipahi
16:00 – 16:40	Medical English-Journal Club	İlke Sipahi

03.12.2014 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Encephalitis	Sesin Kocagöz
10:10 – 10:50	Encephalitis	Sesin Kocagöz
11:00 – 12:30	CMPS V: Research in Health/EBM Critical appraisal of a randomized clinical trial	Figen Demir Pınar Topsever
13:30 – 14:10	Physiology of sleep	Güldal Süyen
14:20 – 15:00	Physiology of sleep	Güldal Süyen
15:10 – 15:50	Circadian rhythms	Güldal Süyen
16:00 – 16:40	EEG (MI&BT-II)	Mehmet Ergen

04.12.2014 THURSDAY		
08:30 – 09:10	Biochemical aspects of neurological disease	Mustafa Serteser
09:20 – 10:00	Biochemical aspects of neurological disease	Mustafa Serteser
10:10 – 10:50	Synaptic transmission in learning and memory	Beki Kan
11:00 – 11:40	Synaptic transmission in learning and memory	Beki Kan
11:50 – 12:30	Audiogram and Vestibular Tests (MI&BT-II)	Haluk Özkarakaş
13:30 – 14:10	Introduction to central nervous system pharmacology	Filiz Onat
14:20 – 15:00	Drugs altering brain cholinergic neurotransmission	İsmail Hakkı Ulus Yiğit Erdemgil Veli İsmailoğlu Yasemin Furtun
15:10 – 16:40	ENG 301 MID-TERM EXAMINATION	

05.12.2014 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Mood disorders	Cem İncesu
10:10 – 10:50	Mood disorders	Cem İncesu
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	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	Group A: EEG	Group B: Audiogram and Vestibular Tests Haluk Özkarakaş
16:00 – 16:40	Elif Ilgaz Aydınlar, Yıldız Kaya (Acıbadem Maslak Hospital)	(Acıbadem Kadıköy Hospital), Ömer Faruk Ünal (Acıbadem Maslak Hospital)

08.12.2014 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 11:40	MED 305 MID-COMMITTEE EXAMINATION	Deniz Yücel, Özgür Kurt, Sinan Fındık, Sinem Öktem Okullu, Yeşim Işıl Ülman, Cemaliye Akyerli Boylu
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	Headache	Elif Ilgaz Aydınlar
16:00 – 16:40	Headache	Elif Ilgaz Aydınlar

09.12.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Symptom management of “headache” in primary care	Pınar Topsever
10:10 – 10:50	Basic pathology of CNS	Hale Kırımlioğlu
11:00 – 11:40	Genetic metabolic diseases	Hale Kırımlioğlu
11:50 – 12:30	Drugs for mood disorders	İsmail Hakkı Ulus
13:30 – 14:10	Drugs for headache	İsmail Hakkı Ulus
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

10.12.2014 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	CMPS V: Research in Health /EBM-Mid-committee examination	
10:10 – 10:50	CMPS V: Research in Health/EBM	Figen Demir
11:00 – 11:40	Critical appraisal of a cohort study	
11:50 – 12:30		
13:30 – 14:10	General and local anesthetics	Filiz Onat
14:20 – 15:00	Drugs altering glutamatergic/gabaergic neurotransmission	Filiz Onat
15:10 – 15:50	Epilepsy	Fehim Arman
16:00 – 16:40	Epilepsy	Fehim Arman

11.12.2014 THURSDAY		
08:30 – 09:10	Drugs for convulsions and epilepsies	Filiz Onat
09:20 – 10:00	Drugs for convulsions and epilepsies	Filiz Onat
10:10 – 10:50	Cerebrovascular disease	Dilaver Kaya
11:00 – 11:40	Cerebrovascular disease	Dilaver Kaya
11:50 – 12:30	Cerebrovascular diseases	Ümit İnce
13:30 – 14:10	Infections; Transmissible Spongiform Encephalopathies (Prion Diseases)	Ümit İnce
14:20 – 15:00	Toxic and acquired metabolic diseases	Ümit İnce
15:10 – 15:50	Diagnostic procedures in neurosurgery	M Necmettin Pamir
16:00 – 16:40	Intracranial tumors	M Necmettin Pamir

12.12.2014 FRIDAY		
08:30 – 09:10	Epilepsy in childhood	Ugur Işık
09:20 – 10:00	Schizophrenia and other psychotic disorders	Kültegin Ögel
10:10 – 10:50	Substance related disorders	Kültegin Ögel
11:00 – 11:40	Drugs altering opiodergic neurotransmission:opioid analgesics	Filiz Onat
11:50 – 12:30	Drugs altering opiodergic neurotransmission:opioid analgesics	Filiz Onat
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
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		

15.12.2014 MONDAY		
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	Pathology of CNS tumors	Ümit İnce
11:50 – 12:30	Pathology of CNS tumors	Ümit İnce
13:30 – 14:10	Cerebral edema, hydrocephalus and raised intracranial pressure and herniation and; Trauma	Hale Kırımlıoğlu
14:20 – 15:00	Surgery of cerebrovascular diseases	Zafer Berkman
15:10 – 15:50	Head traumas	Zafer Berkman
16:00 – 16:40	Study time	

16.12.2014 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Dementia	Yıldız Kaya
10:10 – 10:50	Dementia, delirium, amnesic and other cognitive disorders	Cem İncesu
11:00 – 11:40	Autoimmune and demyelinating disease of the nervous system	Ayşe Kocaman Sağduyu
11:50 – 12:30	Autoimmune and demyelinating disease of the nervous system	Ayşe Kocaman Sağduyu
13:30 – 14:10	Degenerative diseases	Hale Kırımlıoğlu
14:20 – 15:00	Demyelinating diseases	Hale Kırımlıoğlu
15:10 – 15:50	Drugs for neurodegenerative diseases	İsmail Hakkı Uluş
16:00 – 16:40	Hipnotics and sedatives	İsmail Hakkı Uluş

17.12.2014 WEDNESDAY		
08:30 – 09:10	Genetic basis of neurological diseases	Yavuz Oktay
09:20 – 10:00	Genetic basis of neurological diseases	Yavuz Oktay
10:10 – 10:50	CMPS V: Research in Health / EBM	Figen Demir
11:00 – 11:40	Critical appraisal of a case control study	
11:50 – 12:30		
13:30 – 14:10	Psychotherapies	Burcu Gökten Yavuz
14:20 – 15:00	Psychiatric emergencies	Burcu Gökten Yavuz
15:10 – 15:50	Pediatric intracranial tumors	Koray Özduman
16:00 – 16:40	Increased intracranial pressure	Koray Özduman

18.12.2014 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Developmental delay/mental retardation	Uğur Işık
10:10 – 10:50	Neuromuscular disorders	Uğur Işık
11:00 – 11:40	Cerebral palsy	Uğur Işık
11:50 – 12:30	Motor neuron disorders	Elif Ilgaz Aydınlar
13:30 – 14:10	Muscle and neuromuscular junction disease	Pınar Yalınay
14:20 – 15:00	Peripheral nerve disorders	Pınar Yalınay
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

19.12.2014 FRIDAY		
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	Spinal cord pathology	Hale Kırımlıoğlu
11:50 – 12:30	Pineal gland pathology	Hale Kırımlıoğlu
13:30 – 14:10	Disorders of consciousness and coma	Geysu Karlıkaya
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	

22.12.2014 MONDAY

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	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	Sectional anatomy of CT, DSA and MRI of the brain and clinic radiological algorithm	Alp Dinçer
14:20 – 15:00	X-ray; sectional anatomy of CT, DSA and MRI of the spine and clinic radiological algorithm	Alp Dinçer
15:10 – 15:50	Spinal cord compression syndromes	Koray Özduman
16:00 – 16:40	Pediatric neurosurgery	Koray Özduman

23.12.2014 TUESDAY

08:30 – 09:10	Study time	
09:20 – 10:00	Nuclear Medicine in Neurological and Psychiatric Diagnosis	Erkan Varderele
10:10 – 10:50	X-ray; sectional anatomy of CT, DSA and MRI of the Head and Neck and clinic radiological algorithm	Simay Kara
11:00 – 11:40	Approach to the patient with blurred consciousness in primary care	Demet Dinç
11:50 – 12:30	Study time	
13:30 – 14:10	Surgery of peripheral nerves	H. İbrahim Sun
14:20 – 15:00	Spinal cord traumas	Serdar Özgen
15:10 – 15:50	Disc herniations	Serdar Özgen
16:00 – 16:40	Study time	

24.12.2014 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	

25.12.2014 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	

26.12.2014 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	

29.12.2014 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50	MED 305 SUBJECT COMMITTEE EXAMINATION	Deniz Yücel, Özgür Kurt Sinan Fındık, Sinem Öktem Okullu Yeşim Işıl Ülman, Cemaliye Akyerli Boylu
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

30.12.2014 TUESDAY		
08:30 – 09:10	Introduction to Subject Committee: Growth, Development & Endocrine Disorders	Işıl Pakiş, Özlem Çelik
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	
15:10 – 15:50	Medical English-Journal Club	
16:00 – 16:40	Medical English-Journal Club	

31.12.2014 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Hypothalamic-pituitary axis; pituitary hormones	Melike Şahiner
10:10 – 10:50	Hypothalamic-pituitary axis; pituitary hormones	Melike Şahiner
11:00 – 12:30	CMPS V: Research in Health /EBM Methodological studies	Figen Demir Pınar Topsever
13:30 – 16:40	CMPS V: Advanced Communication Skills Introduction to Advanced Communication Skills • Difficult patient encounters • Breaking bad news • Initiating behavior change, motivational interviewing	Pınar Topsever, Şirin Parkan, Dilek Kitapçıoğlu, Feray Güven Yasemin Alanay Kültegin Ögel

01.01.2015 THURSDAY		
08:30 – 09:10	HOLIDAY	
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		

02.01.2015 FRIDAY		
08:30 – 09:10	Pituitary hormones and hypothalamic releasing factors	Filiz Onat
09:20 – 10:00	Growth hormone	Melike Şahiner
10:10 – 10:50	Hereditary basis of growth hormone deficiency	Cengiz Yakucier
11:00 – 11:40	Biosynthesis and metabolism of somatotropin and growth factors	Aysel Özpınar
11:50 – 12:30	Thyroid and parathyroid gland anatomy	Elif Keskinöz
13:30 – 14:10	Histology of the thyroid, parathyroid and adrenal gland	Serap Arbak
14:20 – 15:00	Thyroid hormones	Melike Şahiner
15:10 – 15:50	Biosynthesis and metabolism of thyroid hormones	Aysel Özpınar
16:00 – 16:40	Development of endocrine organs	Serap Arbak

05.01.2015 MONDAY		
08:30 – 09:10	Growth and Development (Interactive Module)	
09:20 – 10:00	Growth and Development (Interactive Module)	
10:10 – 10:50	LAB: thyroid and parathyroid gland anatomy_ Group A	Alp Bayramoğlu-Elif Keskinöz
11:00 – 11:40	LAB: thyroid and parathyroid gland anatomy_ Group B	Alp Bayramoğlu-Elif Keskinöz
11:50 – 12:30	Pathology of thyroid and parathyroid diseases	Ümit İnce
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	Thyroid gland diseases	Özlem Çelik
16:00 – 16:40	Thyroid gland diseases	Özlem Çelik
06.01.2015 TUESDAY		
08:30 – 09:10	Pathology of pituitary and hypothalamus	İlker Akpolat
09:20 – 10:00	Pathology of pituitary and hypothalamus	İlker Akpolat
10:10 – 10:50	Radiotherapy instruments (MI&BT-II)	Enis Özyar
11:00 – 11:40	Thyroid hormones and antithyroid drugs	İsmail Hakkı Ulus
11:50 – 12:30	Thyroid hormones and antithyroid drugs	İsmail Hakkı Ulus
13:30 – 14:10	Approach to thyroid disorders in primary care	Efe Onganer
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
07.01.2015 WEDNESDAY		
08:30 – 09:10	Anterior pituitary diseases	Adnan Gökçel
09:20 – 10:00	Anterior pituitary diseases	Adnan Gökçel
10:10 – 12:30	CMPS V: Research in Health /EBM Critical appraisal of a methodological study	Figen Demir Pınar Topsever
13:30 – 18:20	CMPS V: Advanced Communication Skills Simulated patient encounters, difficult patients; initiating behaviour change (CASE) Groups A, B, C	Pınar Topsever, Şirin Parkan, Melike Şahiner, Dilek Kitapçıoğlu, Feray Güven
08.01.2015 THURSDAY		
08:30 – 09:10	Posterior pituitary diseases	Rüştü Serter
09:20 – 10:00	Posterior pituitary diseases	Rüştü Serter
10:10 – 10:50	Pancreas and adrenal gland anatomy	Elif Keskinöz
11:00 – 11:40	Endocrine functions of the pancreas	Melike Şahiner
11:50 – 12:30	Biosynthesis and metabolism of pancreatic hormones	Aysel Özpınar
13:30 – 14:10	Biosynthesis and metabolism of pancreatic hormones	Aysel Özpınar
14:20 – 15:00	Pathology of the endocrine pancreas	Özlem Aydın
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
09.01.2015 FRIDAY		
08:30 – 09:10	Sectional anatomy of CT and MRI of the pituitary and the hypo-thalamic axis and clinic radiological algorithm	Simay Kara
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	Endocrine pancreas and diabetes mellitus	Ender Arıkan
11:50 – 12:30	Genetic basis of diabetes mellitus	Deniz Ağırbaşı
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)

12.01.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 11:40	MED 307 MID-COMMITTEE EXAMINATION	Özge Can,Serap Arbak , Aysel Özpınar,Yavuz Oktay, Abdurrahman Coşkun,Patrick Owen
11:50 – 12:30	Study time	
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	Growth and Development (Interactive Module)	
16:00 – 16:40	Growth and Development (Interactive Module)	

13.01.2015 TUESDAY		
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	Type 1 diabetes and its biophysicosocial dimensions	Serap Semiz
11:50 – 12:30	Hypoglycemic disorders	Adnan Gökçel
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

14.01.2015 WEDNESDAY		
08:30 – 09:10	Adrenal gland hormones	Melike Şahiner
09:20 – 10:00	Adrenal gland hormones	Melike Şahiner
10:10 – 10:50	Biosynthesis and metabolism of steroid hormones	Aysel Özpınar
11:00 – 12:30	CMPS V: Research in Health/EBM Critical appraisal of a meta-analysis	Figen Demir, Pınar Topsever
13:30 – 18:20	CMPS V: Advanced Communication Skills Simulated patient encounters, difficult patients; initiating behaviour change (CASE) Groups D, E, F	Pınar Topsever, Şirin Parkan, Melike Şahiner, Dilek Kitapçioğlu, Feray Güven

15.01.2015 THURSDAY		
08:30 – 09:10	Biosynthesis and metabolism of adrenal medulla hormones	Aysel Özpınar
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	Adrenal cortex diseases	Rüştü Serter
11:50 – 12:30	Adrenal cortex diseases	Rüştü Serter
13:30 – 14:10	Adrenal medulla diseases	Rüştü Serter
14:20 – 15:00	Adrenal medulla diseases	Rüştü Serter
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

16.01.2015 FRIDAY		
08:30 – 09:10	Sectional anatomy of US, CT and MRI of thyroid, parathyroid and surrenal glands and clinic radiological algorithm	Ümit Özcan
09:20 – 10:00	Pathology of the adrenal cortex and medulla	Özlem Aydın
10:10 – 10:50	Pathology of the adrenal cortex and medulla	Özlem Aydın
11:00 – 11:40	Growth disorders in childhood	Serap Semiz
11:50 – 12:30	Growth disorders in childhood	Serap Semiz
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	<u>Group B:</u> Radiotherapy Instruments Enis Özyar (Acıbadem Maslak Hospital)	<u>Group A:</u> PET and other instruments used in nuclear medicine Erkan Vardareli (Acıbadem Kozyatağı Hospital), Levent Güner (Acıbadem Maslak Hospital)

19.01.2015 MONDAY		
08:30 – 09:10	Growth and Development (Interactive Module)	
09:20 – 10:00	Growth and Development (Interactive Module)	
10:10 – 10:50	Metabolic effects of vitamins and micronutrients	Aysel Özpınar
11:00 – 11:40	Metabolic effects of vitamins and micronutrients	Aysel Özpınar
11:50 – 12:30	Vitamins and other nutritional factors	İsmail Hakkı Ulus
13:30 – 14:10	Malnutrition	Pınar Topsever
14:20 – 15:00	Assessment of nutrition in adults	Neslihan Kurtulmuş
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

20.01.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Body fat and lipid metabolism	Adnan Gökçel
10:10 – 10:50	Body fat and lipid metabolism	Adnan Gökçel
11:00 – 11:40	Metabolism of inorganic compounds	Aysel Özpınar
11:50 – 12:30	Biosynthesis and metabolism of hormones that regulate calcium metabolism	Aysel Özpınar
13:30 – 14:10	Genetic metabolic syndromes and dysmorphology	Yasemin Alanay
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen

21.01.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Multiple endocrine neoplasia	Ender Arıkan
10:10 – 10:50	Paraendocrine and neoplastic syndromes	Ender Arıkan
11:00 – 11:40	Nuclear Medicine in Endocrine Disorders	Ahmet Levent Güner
11:50 – 12:30	Nuclear Medicine in Endocrine Disorders	Ahmet Levent Güner
13:30 – 15:50	CMPS V:Advanced Communication Skills Tutor feed-back sessions for SP encounter	Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç, Şirin Parkan, Efe Onganer, Dilek Kitapçıoğlu, Feray Güven, Işıl Pakiç
16:00 – 16:40	Study time	

22.01.2015 THURSDAY		
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		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 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen

23.01.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Calcium and bone disorders in children	Serap Semiz
10:10 – 10:50	Development of reproductive system and puberty	Serap Semiz
11:00 – 11:40	Active case finding of endocrine disorders in childhood in primary care	Demet Dinç
11:50 – 12:30	Primary care management of overweight and obesity	Şirin Parkan
13:30 – 15:50	CMPS V: Advanced Communication Skills Tutor feed-back sessions for SP encounter	Pınar Topsever, Melike Şahiner, Figen Demir, Demet Dinç, Şirin Parkan, Efe Onganer, Feray Güven, Dilek Kitapçıoğlu, Işıl Pakiç
16:00 – 16:40	Study time	

26.01.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 311 MI&BT-II MID-COMMITTEE EXAMINATION	OnurKarartuna,Tanil Kocagöz,Yiğit Erdemgil,Yasemin Furtun,Patrick Owen
11:00 – 11:40		
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	

27.01.2015 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 – 16:40	ENG 301 COURSE EXAMINATION	Yiğit Erdemgil Veli İsmailoğlu Yasemin Furtun

28.01.2015 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	

29.01.2015 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	

30.01.2015 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 – 16:40	MED 309 CMPS V SUBJECT COMMITTEE EXAMINATION	Pınar Topsever Yeşim Işıl Ülman Yeşim Yasin Figen Demir Melike Şahiner Işıl Pakiş Yiğit Erdemgil Veli İsmailoğlu

02.02.2015 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	

03.02.2015 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	

04.02.2015 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	

05.02.2015 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	
11:50 – 12:30	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

06.02.2015 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 – 16:40	MED 307 SUBJECT COMMITTEE EXAMINATION	Özge Can, Serap Arbak, Aysel Özpınar, Yavuz Oktay Görkem Gün, Abdurrahman Coşkun



ACIBADEM
UNIVERSITY





**YEAR 3
SPRING
SEMESTER
SCHEDULE**

23.02.2015 MONDAY		
08:30 – 09:10		
09:20 – 10:00	Introduction to Subject Committee: Gastrointestinal System and Related Disorders	Murat Saruç, Elif Keskinöz
10:10 – 10:50	Anatomy of the oral cavity and salivary glands	Alp Bayramoğlu
11:00 – 11:40	Anatomy of the oral cavity and salivary glands	Alp Bayramoğlu
11:50 – 12:30	General principles of gastrointestinal function; digestion in the mouth	Mehmet Ergen
13:30 – 14:10	General principles of gastrointestinal function; digestion in the mouth	Mehmet Ergen
14:20 – 15:00	Histology of the Upper Digestive System	Serap Arbak
15:10 – 15:50	Temporomandibular joint, muscles of mastication	Elif Keskinöz
16:00 – 16:40	Esophagus and Stomach	Elif Keskinöz

24.02.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	LAB: Anatomy I _ Group B	Alp Bayramoğlu, Elif Keskinöz
11:00 – 12:30	LAB: Anatomy I _ Group A	Alp Bayramoğlu, Elif Keskinöz
13:30 – 14:10	Regulation of feeding	Mehmet Ergen
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

25.02.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Motor and secretory functions of the stomach	Mehmet Ergen
10:10 – 10:50	Digestion in the stomach	Mehmet Ergen
11:00 – 12:30	CMPS VI: Health and Society: Introduction to CMPS VI, Orientation PHC Field Study	Pınar Topsever Figen Demir
13:30 – 14:10	Secretions of exocrine pancreas and gall bladder	Mehmet Ergen
14:20 – 15:00	Small bowel	Alp Bayramoğlu
15:10 – 15:50	Large bowel	Elif Keskinöz
16:00 – 16:40	Rectum and anal canal	Alp Bayramoğlu

26.02.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Anatomy II _ Group A	Alp Bayramoğlu, Elif Keskinöz
10:10 – 10:50	LAB: Anatomy II _ Group B	Alp Bayramoğlu, Elif Keskinöz
11:00 – 11:40	Motor and secretory functions of the small intestine	Mehmet Ergen
11:50 – 12:30	Digestion and absorption in the small intestine	Mehmet Ergen
13:30 – 14:10	Motor and secretory functions and absorption in the large intestine; defecation	Mehmet Ergen
14:20 – 15:00	Biochemical aspects of nutrition	Aysel Özpınar
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

27.02.2015 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 – 15:00	LAB: Histology of the Upper Digestive System _ Group A	Serap Arbak, Deniz Yücel
15:10 – 16:40	LAB: Histology of the Upper Digestive System _ Group B	Serap Arbak, Deniz Yücel

02.03.2015 MONDAY		
08:30 – 09:10	Interactive Module	
09:20 – 10:00	Interactive Module	
10:10 – 10:50	Peritoneum, inguinal region	Alp Bayramoğlu
11:00 – 11:40	Peritoneum, inguinal region	Alp Bayramoğlu
11:50 – 12:30	Metabolism of nucleotides	Abdurrahman Coşkun
13:30 – 15:00	LAB: Histology of the Lower Digestive System _ Group B	Serap Arbak, Deniz Yücel
15:10 – 16:40	LAB: Histology of the Lower Digestive System _ Group A	Serap Arbak, Deniz Yücel
03.03.2015 TUESDAY		
08:30 – 09:10	Histology of the Glands of the Digestive System	Serap Arbak
09:20 – 10:00	Histology of the Glands of the Digestive System	Serap Arbak
10:10 – 10:50	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman Coşkun
11:00 – 11:40	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman Coşkun
11:50 – 12:30	Liver, spleen & portal system	Elif Keskinöz
13:30 – 14:10	Liver, spleen & portal system	Elif Keskinöz
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
04.03.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
05.03.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	LAB: Anatomy III _ Group B	Alp Bayramoğlu, Elif Keskinöz
10:10 – 10:50	LAB: Anatomy III _ Group A	Alp Bayramoğlu, Elif Keskinöz
11:00 – 11:40	Heme synthesis and disorders	Abdurrahman Coşkun
11:50 – 12:30	Detoxification mechanism	Abdurrahman Coşkun
13:30 – 15:00	LAB: Histology of the Glands of the Digestive System _ Group B	Serap Arbak, Deniz Yücel
15:10 – 16:40	LAB: Histology of the Glands of the Digestive System _ Group A	Serap Arbak, Deniz Yücel
06.03.2015 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	Pathology of gastritis and peptic ulcer	İlker Akpolat
16:00 – 16:40	Pathology of gastritis and peptic ulcer	İlker Akpolat

09.03.2015 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	Antiemetics	İsmail H. Ulus
16:00 – 17:30	CMPS VI: Comprehensive Medical Practice Routine clinical investigation skills training with simulated patient encounters (CASE) Grouping to be announced	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Feray Güven, Dilek Kitapçıoğlu
10.03.2015 TUESDAY		
08:30 – 09:10	Tumors of upper GI system	Eser Kutsal
09:20 – 10:00	Tumors of upper GI system	Eser Kutsal
10:10 – 10:50	Tumors of the small bowel	Eser Kutsal
11:00 – 11:40	Neoplastic diseases of the stomach	Ümit İnce
11:50 – 12:30	Neoplastic diseases of the stomach	Ümit İnce
13:30 – 14:10	Study time	
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
11.03.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
12.03.2015 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	Bilirubin metabolism in infancy	Atalay Demirel
14:20 – 15:00	Hepatomegaly in childhood	Cengiz Canpolat
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
13.03.2015 FRIDAY		
08:30 – 09:10	Drugs for the therapy of acid peptic diseases	Filiz Onat
09:20 – 10:00	Drugs for the therapy of acid peptic diseases	Filiz Onat
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: Gastrointestinal endoscopic systems	Group B: Study time
16:00 – 16:40	Bahattin Çiçek (ACU CASE)	

16.03.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 304 MID-COMMITTEE EXAMINATION	Elif Keskinöz, Devrim Öz Arslan, Abdurrahman Coşkun, Mehmet Ergen, Alp Bayramoğlu, Patrick Owen
11:00 – 11:40		
11:50 – 12:30	Study time	
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	CMPS VI: Comprehensive Medical Practice	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Feray Güven, Dilek Kitapçioğlu
16:00 – 16:40	Routine clinical investigation skills training with simulated patient encounters (CASE) Grouping to be announced	
17.03.2015 TUESDAY		
08:30 – 09:10	Liver cirrhosis	Nurdan Tözün
09:20 – 10:00	Liver cirrhosis	Nurdan Tözün
10:10 – 10:50	Metals and the liver	Nurten Türkel
11:00 – 11:40	Tumors of the liver	Nurten Türkel
11:50 – 12:30	Infantile cholestasis	Yasemin Alanay
13:30 – 14:10	Viral hepatitis in childhood	Mahir Gülcen
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
18.03.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	
19.03.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Metabolic liver diseases	Hale Kırımlıoğlu
10:10 – 10:50	Metabolic liver diseases	Hale Kırımlıoğlu
11:00 – 11:40	Pathology of circulatory disorders of liver	Hale Kırımlıoğlu
11:50 – 12:30	Alcoholic and nonalcoholic liver diseases	Bülent Değertekin
13:30 – 14:10	Drug induced liver disease	Bülent Değertekin
14:20 – 15:00	Malabsorption syndromes	Bülent Değertekin
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
20.03.2015 FRIDAY		
08:30 – 09:10	Morphological patterns of hepatic injury and cirrhosis	Hale Kırımlıoğlu
09:20 – 10:00	Morphological patterns of hepatic injury and cirrhosis	Hale Kırımlıoğlu
10:10 – 10:50	Drug and toxin induced liver disease	Hale Kırımlıoğlu
11:00 – 11:40	CMPS-VI: Health and Society/ Health Economics	Haluk Özsarı
11:50 – 12:30	Introduction to health economics	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 16:40	Group B: Gastrointestinal endoscopic systems Eser Kutsal ((ACU CASE))	Group A: Study time

23.03.2015 MONDAY		
08:30 – 09:10	Interactive Module	
09:20 – 10:00	Interactive Module	
10:10 – 10:50	Pathology of intrahepatic biliary tract diseases	Hale Kırımlıoğlu
11:00 – 11:40	Pathology of hepatic nodules and tumors	Hale Kırımlıoğlu
11:50 – 12:30	Study time	
13:30 – 14:10	Inborn errors of metabolism	Hale Kırımlıoğlu
14:20 – 15:00	Inborn errors of metabolism	Hale Kırımlıoğlu
15:10 – 16:40	CMPS VI: Comprehensive Medical Practice Routine clinical investigation skills training with simulated patient encounters (CASE) Grouping to be announced	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Feray Güven, Dilek Kitapçıoğlu

24.03.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Acute and chronic pancreatitis	Murat Saruç
10:10 – 10:50	Acute and chronic pancreatitis	Murat Saruç
11:00 – 11:40	Acute and chronic pancreatitis	Murat Saruç
11:50 – 12:30	Gallstone disease	Fatih Oğuz Önder
13:30 – 14:10	Ischemic – diverticular diseases of the bowel	Fatih Oğuz Önder
14:20 – 15:00	Medical English-Journal Club	Melike Şahiner
15:10 – 15:50	Medical English-Journal Club	Melike Şahiner
16:00 – 16:40	Medical English-Journal Club	Melike Şahiner

25.03.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

26.03.2015 THURSDAY		
08:30 – 09:10	Study time	
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 Kırımlıoğlu
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 – 16:40	ENG 302 MID-TERM EXAMINATION	Gamze Kırıkçı ,Pelin Akça, Merve Açikel Elmas

27.03.2015 FRIDAY		
08:30 – 09:10	Drugs used in biliary and pancreatic diseases	İsmail Hakkı Ulus
09:20 – 10:00	Inflammatory bowel disease	Nurdan Tözün
10:10 – 10:50	Inflammatory bowel disease	Nurdan Tözün
11:00 – 12:30	CMPS-VI: Health and Society/ Health Economics Supply of health	Haluk Özşarı
13:30 – 14:10	Inflammatory bowel disease	Ümit İnce
14:20 – 15:00	Digestive system malformations in children	Latif Abbasoğlu
15:10 – 15:50	Acute abdominal disease in children	Latif Abbasoğlu
16:00 – 16:40	Study time	

30.03.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Molecular basis of esophagus, stomach and liver cancer	Cengiz Yaktıcıer
10:10 – 10:50	Molecular basis of esophagus, stomach and liver cancer	Cengiz Yaktıcıer
11:00 – 11:40	Molecular abnormalities in colon cancer	Cengiz Yaktıcıer
11:50 – 12:30	Screening and prevention of GIS Cancers	Nurdan Tözün
13:30 – 14:10	Drugs used in inflammatory bowel disease	İsmail H. Ulus
14:20 – 15:00	Drugs used in inflammatory bowel disease	İsmail H. Ulus
15:10 – 16:40	CMPS VI: Comprehensive Medical Practice Routine clinical investigation skills training with simulated patient encounters (CASE) Grouping to be announced	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Feray Güven, Dilek Kitapçioğlu

31.03.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Sectional anatomy of US, CT and MRI of abdomen and clinic radiological algorithm of abdominal emergency	Özlem Saygılı Barutçu
10:10 – 10:50	X-ray; sectional anatomy of CT and MRI of the esophagus, stomach and bowels and clinic radiological algorithm	Sıla Ulus
11:00 – 11:40	Bacterial gastroenteritis and food poisoning	Sesin Kocagöz
11:50 – 12:30	Bacterial gastroenteritis and food poisoning	Sesin Kocagöz
13:30 – 14:10	Viral gastroenteritis	Tanıl Kocagöz
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

01.04.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

02.04.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Parasitic gastroenteritis	Özgür Kurt
10:10 – 10:50	Food and water safety	Yeşim Yasin
11:00 – 11:40	Food and water safety	Yeşim Yasin
11:50 – 12:30	Abdominal pain in childhood	Müjde Arapoğlu
13:30 – 14:10	Abdominal discomfort and emergencies of the GI tract in PHC	Demet Dinç
14:20 – 15:00	Malabsorption syndromes	Mahir Gülcın
15:10 – 15:50	Medical English-Journal Club	Hasan Tanyeri
16:00 – 16:40	Medical English-Journal Club	Hasan Tanyeri

02.04.2015 FRIDAY		
08:30 – 09:10	Gastroenteritis in childhood	Cengiz Canpolat
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/ Health Economics	Haluk Özsarı
11:50 – 12:30	Health Financing	
13:30 – 14:10	Drugs for constipation and diarrhea	Filiz Onat
14:20 – 15:00	Drugs affecting secretory and motor functions of GI system	Filiz Onat
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

06.04.2015 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		

07.04.2015 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		

08.04.2015 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		

09.04.2015 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		

10.04.2015 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		

13.04.2015 MONDAY		
08:30 – 09:10	MED 304 SUBJECT COMMITTEE EXAMINATION	Elif Keskinöz Devrim Öz Arslan Abdurrahman Coşkun Mehmet Ergen Melike Şahiner Alp Bayramoğlu
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		

14.04.2015 TUESDAY		
08:30 – 09:10	Introduction to Subject Committee: Urogenital System and Related Disorders	Cem Batukan-Deniz Ağırbaşlı
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, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçioğlu, P. Owen

15.04.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

16.04.2015 THURSDAY		
08:30 – 10:00	Lab: Histology of the Organs Forming the Urinary System _ Group B	Serap Arbak-Deniz Yücel
10:10 – 11:40	Lab: Histology of the Organs Forming the Urinary System _ Group A	Serap Arbak-Deniz Yücel
11:50 – 12:30	Osmosis, dialysis and molecular filtration (MI&BT-II)	Devrim Öz Arslan
13:30 – 14:10	Glomerular Filtration	Güldal Süyen
14:20 – 15:00	Glomerular Filtration	Güldal Süyen
15:10 – 15:50	LAB: Kidney, Ureter, Urinary bladder, Urethra _ Group B	Alp Bayramoğlu-Elif Keskinöz
16:00 – 16:40	LAB: Kidney, Ureter, Urinary bladder, Urethra _ Group A	Alp Bayramoğlu-Elif Keskinöz

17.04.2015 FRIDAY		
08:30 – 09:10	Gynecologic Endoscopic Systems (MI&BT-II)	Serkan Erkanlı
09:20 – 10:00	Tubular Reabsorption and Secretion	Güldal Süyen
10:10 – 10:50	Tubular Reabsorption and Secretion	Güldal Süyen
11:00 – 11:40	CMPS-VI: Health and Society/ Health Economics	Haluk Özsarı
11:50 – 12:30	Government's role in health care	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	Group A: Artificial Kidney Ülkem Çakır (Acıbadem International Hospital)	Group B: Gynecologic Endoscopic Systems Serkan Erkanlı (Acıbadem Kadıköy Hospital)
16:00 – 16:40		

20.04.2015 MONDAY		
08:30 – 09:10	Renal Function Tests and Urinalysis	Abdurrahman Coşkun
09:20 – 10:00	Renal Function Tests and Urinalysis	Abdurrahman Coşkun
10:10 – 10:50	Micturition	Güldal Süyen
11:00 – 11:40	Regulation of ECF Ion Concentrations	Güldal Süyen
11:50 – 12:30	Regulation of ECF Ion Concentrations	Güldal Süyen
13:30 – 14:10	Sodium and water metabolism	Ülkem Çakır
14:20 – 15:00	Sodium and water metabolism	Ülkem Çakır
15:10 – 16:40	CMPS VI: Comprehensive Medical Practice Routine clinical investigation skills training with simulated patient encounters (CASE) Grouping to be announced	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Feray Güven, Dilek Kitapçıoğlu

21.04.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:50	Lab: Urine Examination _ Group B	Aysel Özpınar-Abdurrahman Coşkun
11:00 – 12:30	Lab: Urine Examination _ Group A	Aysel Özpınar-Abdurrahman 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 Kınikoğlu
16:00 – 16:40	Study time	

22.04.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

23.04.2015 THURSDAY		
National Sovereignty and Children's Day		

24.04.2015 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 /Health Economics	Haluk Özsarı
11:50 – 12:30	Economic Appraisal	
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> Artificial Kidney Ülkem Çakır (Acıbadem International Hospital)	<u>Group A:</u> Gynecologic Endoscopic Systems Serkan Erkanlı (Acıbadem Kadıköy Hospital)
16:00 – 16:40		

27.04.2015 MONDAY		
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	Güldal Süyen
11:50 – 12:30	Acid Base Balance	Güldal Süyen
13:30 – 14:10	Acid Base Balance	Ülkem Çakır
14:20 – 15:00	Acid Base Balance	Ülkem Çakır
15:10 – 16:40	CMPS VI: Comprehensive Medical Practice Routine clinical investigation skills training with simulated patient encounters (CASE) Grouping to be announced	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Feray Güven, Dilek Kitapçıoğlu

28.04.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Approach to glomerular diseases	Ülkem Çakır
10:10 – 10:50	Approach to glomerular diseases	Ülkem Çakır
11:00 – 11:40	Conditions associated with proteinuria	Gamze Bereket
11:50 – 12:30	Conditions associated with proteinuria	Gamze Bereket
13:30 – 14:10	Pathology of glomerular diseases	Hale Kırımlıoğlu
14:20 – 15:00	Pathology of glomerular diseases	Hale Kırımlıoğlu
15:10 – 15:50	Pathology of glomerular diseases	Hale Kırımlıoğlu
16:00 – 16:40	Pathology of glomerular diseases	Hale Kırımlıoğlu

29.04.2015 WEDNESDAY		
08:30 – 14:10	CMPS VI: Health and Society Training in PHC	Trainers in PHC
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

30.04.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Conditions associated with hematuria	Gamze Bereket
10:10 – 10:50	Tubular disorders	Gamze Bereket
11:00 – 11:40	Diabetic nephropathy	Ülkem Çakır
11:50 – 12:30	Hypertensive kidney disease	Ülkem Çakır
13:30 – 14:10	Pathology of tubular and interstitial diseases of kidney	Hale Kırımlıoğlu
14:20 – 15:00	Pathology of vascular diseases of kidney	Yeşim Sağlıcan
15:10 – 15:50	Hereditary basis of renal disorders	Yavuz Oktay
16:00 – 16:40	Nuclear medicine in renal disorders	Levent Güner

01.05.2015 FRIDAY		
	Labor and Solidarity Day	

04.05.2015 MONDAY		
08:30 – 09:10	Acute kidney disease	Ülkem Çakır
09:20 – 10:00	Chronic kidney disease & renal replacement therapies	Ülkem Çakır
10:10 – 10:50	Urologic symptoms and physical examination	Hakan Özveri
11:00 – 11:40	CMPS VI: Comprehensive Medical Practice Tutor feedback sessions	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Figen Demir, Efe Onganer, Işıl Pakış, Deniz Ağırbaşı, Dilek Kitapçıoğlu, Feryat Güven
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

05.05.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Urologic basic diagnostic modalities	İsmail Cenk Acar
10:10 – 10:50	Urinary tract system infections	Tanıl Kocagöz
11:00 – 11:40	Urinary tract system infections	Tanıl Kocagöz
11:50 – 12:30	Adult and pediatric UTI	Burak Özkan
13:30 – 14:10	Agents for urinary tract infections	Filiz Onat
14:20 – 15:00	Management of the patient with urinary incontinence in primary care	Şirin Parkan
15:10 – 15:50	Drugs affecting bladder functions	İ. Hakkı Ulus
16:00 – 16:40	Stone disease	Bora Özveren

06.05.2015 WEDNESDAY		
08:30 – 09:10	Pelvis and perineum	Alp Bayramoğlu
09:20 – 10:00	Vessels of pelvis	Alp Bayramoğlu
10:10 – 10:50	Pathology of prostate	Yeşim Sağlıcan
11:00 – 11:40	Pathology of renal tumors	Yeşim Sağlıcan
11:50 – 12:30	Pathology of urinary tract	Yeşim Sağlıcan
13:30 – 17:30	CMPS VI: Health and Society Student reflection sessions	Pınar Topsever, Figen Demir, Yeşim Yasin, Melike Şahiner

07.05.2015 THURSDAY		
08:30 – 09:10	Pediatric urology	Selçuk Keskin
09:20 – 10:00	Prostate diseases (BPH, prostate cancer and hematuria)	İlter Tüfek
10:10 – 10:50	Female genital organs	Elif Keskinöz
11:00 – 11:40	Male genital organs	Elif Keskinöz
11:50 – 12:30	Robotic systems in medicine (MI&BT-II)	Ali Rıza Kural
13:30 – 14:10	Histology of the organs forming the female reproductive system	Serap Arbak
14:20 – 15:00	Histology of the organs forming the female reproductive system	Serap Arbak
15:10 – 15:50	Histology of the organs forming the male reproductive system	Deniz Yücel
16:00 – 16:40	Histology of the organs forming the male reproductive system	Deniz Yücel

08.05.2015 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	Health Systems and policy	
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50	Group A:	Group B:
16:00 – 16:40	Robotic systems in medicine Ali Rıza Kural (University)	In vitro fertilization Tayfun Bağış (Acıbadem Kadıköy Hospital)

11.05.2015 MONDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Study time	
10:10 – 10:50	MED 306 MID-COMMITTEE EXAMINATION	Deniz Ağırbaşı, Veli İsmailoğlu, Erdal Coşgun, Nihan Ünübol, Patrick Owen, Gery Ciftcioglu
11:00 – 11:40		
11:50 – 12:30	Study time	
13:30 – 15:00	LAB: Histology of the organs forming the female reproductive system _ Group B	Serap Arbak-Deniz Yücel
15:10 – 16:40	LAB: Histology of the organs forming the female reproductive system _ Group A	Serap Arbak-Deniz Yücel

12.05.2015 TUESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Development of the reproductive system	Serap Arbak
10:10 – 10:50	Development of the reproductive system	Serap Arbak
11:00 – 11:40	Female reproductive function	Güldal Süyen
11:50 – 12:30	Female reproductive function	Güldal Süyen
13:30 – 14:10	Study time	
14:20 – 15:00	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
15:10 – 15:50	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen
16:00 – 16:40	Medical English	L. Angelo, G. Çiftçiöğlü, P. Owen

13.05.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Male reproductive function	Güldal Süyen
10:10 – 10:50	Estrogens, progestins and contraceptives	İsmail H. Ulus
11:00 – 11:40	Estrogens, progestins and contraceptives	İsmail H. Ulus
11:50 – 12:30	Androgens and anti-androgens	Filiz Onat
13:30 – 15:00	LAB: Pelvis and perineum, vessels of pelvis_ Group A	Alp Bayramoğlu-Elif Keskinöz
15:10 – 16:40	LAB: Pelvis and perineum, vessels of pelvis_ Group B	Alp Bayramoğlu-Elif Keskinöz

14.05.2015 THURSDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Gynecologic history taking, pelvic examination and diagnostic modalities	Serkan Erkanlı
10:10 – 10:50	Fertilization, implantation and reproductive immunology	Tayfun Bağış
11:00 – 11:40	Principles of antenatal care and obstetric examination	Derya Eroğlu
11:50 – 12:30	Pregnancy physiology	Güldal Süyen
13:30 – 15:00	LAB: Histology of the organs forming the male reproductive system _ Group B	Serap Arbak-Deniz Yücel
15:10 – 16:40	LAB: Histology of the organs forming the male reproductive system_ Group A	Serap Arbak-Deniz Yücel

15.05.2015 FRIDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Interactive module	
10:10 – 10:50	Interactive module	
11:00 – 11:40	Biochemistry of reproductive hormones	Muhittin Serdar
11:50 – 12:30	Biochemistry of reproductive hormones	Muhittin Serdar
13:30 – 14:10	Study time	
14:20 – 15:00	Medical Informatics and Biomedical Technologies (MI&BT-II)	
15:10 – 15:50		
16:00 – 16:40	Group B: Robotic systems in medicine Ali Rıza Kural (University)	Group A: In vitro fertilization Tayfun Bağış (Acıbadem Kadıköy Hospital)

18.05.2015 MONDAY

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

19.05.2015 TUESDAY

Commemoration Atatürk, Youth and Sports Day		
---	--	--

20.05.2015 WEDNESDAY

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	Pathology of testis	Yeşim Sağlıcan
11:50 – 12:30	Pathology of testis	Yeşim Sağlıcan
13:30 – 14:10	Sectional anatomy of US, CT and MRI of the male urogenital system and clinic radiological algorithm	Erdem Yıldız
14:20 – 15:00	Pathology of vulva, vagina and cervix	Handan Zeren
15:10 – 15:50	Pathology of vulva, vagina and cervix	Handan Zeren
16:00 – 16:40	Study time	

21.05.2015 THURSDAY

5 th STUDENT RESEARCH CONGRESS		
---	--	--

22.05.2015 FRIDAY

5 th STUDENT RESEARCH CONGRESS		
---	--	--

25.05.2015 MONDAY		
08:30 – 09:10	Congenital infections	Sesin Kocagöz
09:20 – 10:00	Congenital infections	Sesin Kocagöz
10:10 – 10:50	Genetic basis of breast and ovarian diseases	Cemaliye Akyerli Boylu
11:00 – 11:40	Postmenopausal hormone replacement therapy	Filiz Onat
11:50 – 12:30	Study time	
13:30 – 17:30	CMPS VI: Comprehensive Medical Practice Examination of routine clinical investigation skills with standardized patient encounters (CASE)	Pınar Topsever, Melike Şahiner, Demet Dinç, Şirin Parkan, Feray Güven, Dilek Kitapçoğlu

26.05.2015 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		Yiğit Erdemgil
15:10 – 15:50	ENG 302 COURSE EXAMINATION	Veli İsmailoğlu
16:00 – 16:40		Yasemin Furtun

27.05.2015 WEDNESDAY		
08:30 – 09:10	Study time	
09:20 – 10:00	Adolescent health and STD's	Demet Dinç
10:10 – 10:50	Contraception	Tansu Küçük
11:00 – 11:40	Family planning and contraception: counseling and informed choice	Pınar Topsever
11:50 – 12:30	Reproductive health	Yeşim Yasin
13:30 – 14:10	Safe motherhood	Yeşim Yasin
14:20 – 15:00	Pathology of breast	Yeşim Sağlıcan
15:10 – 15:50	Pathology of breast	Yeşim Sağlıcan
16:00 – 16:40	Sectional anatomy of US, CT and MRI of the female urogenital system and breast imaging; clinic radiological algorithm	Ümit Özcan

28.05.2015 THURSDAY		
08:30 – 09:10	Pathology of nonneoplastic uterine corpus	Handan Zeren
09:20 – 10:00	Pathology of neoplastic uterine corpus	Handan Zeren
10:10 – 10:50	Pathology of ovary and fallopian tubes	Handan Zeren
11:00 – 11:40	Sexually transmitted and other genital infections	Sesin Kocagöz
11:50 – 12:30	Sexually transmitted and other genital infections	Sesin Kocagöz
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

29.05.2015 FRIDAY		
08:30 – 09:10		Onur Karatuna, Tanıl Kocagöz,
09:20 – 10:00	MED 311 MI&BT-II SUBJECT COMMITTEE EXAMINATION	Yiğit Erdemgil, Yasemin Furtun, Veli İsmailoğlu
10:10 – 10:50		
11:00 – 11:40	CMPS-VI: Health and Society	Yeşim Yasin
11:50 – 12:30	Health systems and policy	
13:30 – 14:10	Study time	
14:20 – 15:00	Study time	
15:10 – 15:50	Study time	
16:00 – 16:40	Study time	

01.06.2015 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	

02.06.2015 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	

03.06.2015 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		
14:20 – 15:00	MED 308 CMPS VI SUBJECT COMMITTEE EXAMINATION	Işın Akyar, Yeşim Işıl Ülman, Merve Açıklak Elmas, Yavuz Oktay, Meltem Kolgazi, Işıl Pakiş, Fiğen Demir, Gery Ciftcioglu
15:10 – 15:50		
16:00 – 16:40		

04.06.2015 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	

05.06.2015 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	

08.06.2015 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	

09.06.2015 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	

10.06.2015 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	

11.06.2015 THURSDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40	MED 306 SUBJECT COMMITTEE EXAMINATION	Denzi Ağırbaşı, Tanıl Kocagöz, Veli İsmailoğlu, Erdal Coşgun, Cemaliye Akyerli Boylu , Gery Ciftcioglu
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

12.06.2015 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		

Medical Informatics and Biomedical Technologies-II Schedule

Date	Time	Hour(s)	Title	Lecturer(s)	Place
22.10.2014 WED	15:10-15:50	1	Basic Principles of ECG	Güldal SÜYEN	Class (A203)
23.10.2014 THU	08:30-09:10	1	Artificial Respiratory and Circulatory Systems	Efe ONGANER	Class (A203)
23.10.2014 THU	09:20-10:00	1	Ventilatory and Other Reanimation Unit Instruments	Efe ONGANER	Class (A203)
24.10.2014 FRI	14:20-16:40	3	Group A: Cardiac diagnostic tests: Echocardiography and stress tests; ECG, Cardiac catheterization and coronary angiography Group B: Ventilation and other re-animation equipments; Artificial Respiratory Systems	Ali BUTURAK, Seden ERTEK ÇELİK, Ahmet AKYOL, Seçkin SATILMIŞ, Zehra İrem SEZER, Hakan HASDEMİR	ACU CASE
31.10.2014 FRI	14:20-16:40	3	Group B: Cardiac diagnostic tests: Echocardiography and stress tests; ECG, Cardiac catheterization and coronary angiography Group A: Ventilation and other re-animation equipments; Artificial Respiratory Systems	Ali BUTURAK, Seden ERTEK ÇELİK, Ahmet AKYOL, Seçkin SATILMIŞ, Zehra İrem SEZER, Hakan HASDEMİR	ACU CASE
07.11.2014 FRI	15:10-16:40	2	Cardiovascular Implant Technology and Tissue Engineering Applications	Deniz YÜCEL	Class (A203)
03.12.2014 WED	16:00-16:40	1	EEG	Mehmet ERGEN	Class (A203)
04.12.2014 THU	11:50-12:30	1	Audiogram and Vestibular Tests Group A: EEG	Haluk ÖZKARAKAŞ	Class (A203)
05.12.2014 FRI	14:20-16:40	3	Group B: Audiogram and Vestibular Tests	Elif İlğaz AYDINLAR, Yıldız KAYA	Acbadem Maslak Hospital
12.12.2014 FRI	14:20-16:40	3	Group B: EEG Group A: Audiogram and Vestibular Tests	Haluk ÖZKARAKAŞ, Ömer Faruk ÜNAL	Haluk ÖZKARAKAŞ - Acbadem Kadıköy Hospital Ömer Faruk ÜNAL - Acbadem Maslak Hospital
22.12.2014 MON	08:30-10:00	2	Implants and Tissue Engineering Applications for Nervous System Disorders	Elif İlğaz AYDINLAR, Yıldız KAYA	Acbadem Maslak Hospital
06.01.2015 TUJE	10:10-10:50	1	Radiotherapy Instruments Group A: Radiotherapy Instruments	Haluk ÖZKARAKAŞ, Ömer Faruk ÜNAL	Acbadem Maslak Hospital Kadıköy Hospital Ömer Faruk ÜNAL - Acbadem Maslak Hospital
09.01.2015 FRI	14:20-16:40	3	Group B: PET and Other Instruments Used in Nuclear Medicine	Deniz YÜCEL Enis ÖZYAR Enis ÖZYAR	Class (A203) Class (A203) Acbadem Maslak Hospital
				Erkan VARDARELİ, Levent GÜNER	Erkan VARDARELİ - Acbadem Kozyatağı Hospital Levent GÜNER - Acbadem Maslak Hospital

			Group B: Radiotherapy Instruments	Enis ÖZYAR	Acibadem Maslak Hospital
16.01.2015 FRI	14:20-16:40	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
26.01.2015 MON	10:10-11:40		MED 311 MI&BT-II MID-COMMITTEE EXAMINATION		
12.03.2015 THU	09:20-10:00	1	Gastrointestinal Endoscopic Systems	Murat SARUÇ	Class (A203)
13.03.2015 FRI	14:20-16:40	3	Group A: Gastrointestinal Endoscopic Systems	Bahattin ÇİÇEK	ACU CASE
20.03.2015 FRI	14:20-16:40	3	Group B: Gastrointestinal Endoscopic Systems	Eser KUTSAL	ACU CASE
16.04.2015 THU	11:50-12:30	1	Osmosis, Dialysis and Molecular Filtration	Devrim ÖZ ARSLAN	Class (A203)
17.04.2015 FRI	08:30-09:10	1	Gynecologic Endoscopic Systems	Serkan ERKANLI	Class (A203)
17.04.2015 FRI	14:20-16:40	3	Group A: Artificial Kidney	Ülkem ÇAKIR	International Hospital
21.04.2015 TUE	15:10-15:50	1	Group B: Gynecologic Endoscopic Systems	Serkan ERKANLI	Acibadem Kadıköy Hospital
24.04.2015 FRI	14:20-16:40	3	Artificial Tissue and Organs	Beste KINIKOĞLU	Class (A203)
07.05.2015 THU	11:50-12:30	1	Group B: Artificial Kidney	Ülkem ÇAKIR	International Hospital
08.05.2015 FRI	14:20-16:40	3	Group A: Gynecologic Endoscopic Systems	Serkan ERKANLI	Acibadem Kadıköy Hospital
15.05.2015 FRI	14:20-16:40	3	Robotic Systems in Medicine	Ali Rıza KURAL	Class (A203)
29.05.2015 FRI	08:30-10:50		Group A: Robotic Systems in Medicine	Ali Rıza KURAL	ACU CASE
			Group B: In Vitro Fertilization	Tayfun BAĞIŞ	Acibadem Kadıköy Hospital
			Group B: Robotic Systems in Medicine	Ali Rıza KURAL	ACU CASE
			Group A: In Vitro Fertilization	Tayfun BAĞIŞ	Acibadem Kadıköy Hospital
			MED 311 MI&BT-II SUBJECT COMMITTEE EXAMINATION		

Color Codes:

Theoretical and Practical in the Same Session

Theoretical

Practical





2014-2015 OTHER COURSE INFORMATION

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	:	Prof. Serap Arbak serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu cemaliye.boylu@acibadem.edu.tr
Course Coordinators	:	Prof. Sesin Kocagöz sesinsesin@gmail.com Assoc. Prof. Pinar Topsever pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	Lisa J. Angelo, Instructor Gergana Çiftçioglu, Instructor Patrick Roger Owen, Instructor
Course Duration	:	17.10.2014 - 23.01.2015 & 16.02.2015 - 29.05.2015
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 &II” courses 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

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tanil.kocagöz@acibadem.edu.tr Assist. Prof. Devrim Öz Arslan; devrim.arslan@acibadem.edu.tr
Course Coordinator	:	Prof. Sesin Kocagöz; sesinsesin@gmail.com Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	Lisa J. Angelo, Instructor Gergana Çiftçioğlu, Instructor Patrick Roger Owen, Instructor
Course Duration	:	22.10.2014 - 28.01.2015 & 25.02.2015-27.05.2015
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 – III & IV” courses 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

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr
Course Coordinator	:	Prof. Sesin Kocagöz; sesinsesin@gmail.com Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	Lisa J. Angelo, Instructor Gergana Çiftçioğlu, Instructor Patrick Roger Owen, Instructor
Course Duration	:	14.10.2014- 27.01.2015 & 24.02.2015-26.05.2015
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, 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	:	<p>By the end of this course, the students will:</p> <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 • <i>be proficient in English research terminology</i> • <i>be able to write a professional curriculum vitae</i> • <i>be able to write an application letter for a professional placement</i> • <i>be able to prepare and hold an oral presentation on a specific medical topic for a scientific audience</i> • <i>be able to critically appraise a scientific publication of medical research</i> • <i>be able to write a scientific research article about their own research project</i> • <i>be able to understand medical chart information including abbreviations</i> • 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	:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@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	:	<p>By the end of this course, the students will be able to:</p> <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	:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@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	:	<p>By the end of this course, the students will be able to:</p> <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





2014-2015 YEAR 4

SCHOOL OF MEDICINE

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	115	243	33	391	17	15
Obstetrics and Gynecology	Obstetrics and Gynecology	7,5	63	226	8	297	13	11
Urology	Urology	2,5	19	68	8	95	4	3
TOTAL		41	429	1062	151	1642	70	60

YEAR 4 CLERKSHIP PROGRAM

Groups							
A	Internal Medicine (Sep 01 - Nov 14 2014)	Surgery (Nov 17 2014 - Jan 23 2015)	Break	Pediatrics (Feb 02 - April 10 2015)	Break	Obst & Gyn (Apr 20 - Jun 9 2015)	Urology (Jun 10 - Jun 26 2015)
	Obst & Gyn (Sep 01 - Oct 21 2014)	Internal Medicine (Nov 17 2014- Jan 30 2015)	Break	Surgery (Feb 02 - Apr 10 2015)	Break	Pediatrics (Apr 20 - Jun 26 2015)	
B	Obst & Gyn (Sep 01 - Nov 07 2014)	Internal Medicine (Nov 17 2014- Jan 30 2015)	Break	Internal Medicine (Feb 02 - Apr 17 2014)	Break	Surgery (Apr 20 - Jun 26 2015)	
	Pediatrics (Sep 01- Nov 07 2014)	Obst & Gyn (Nov 17 2014 - Jan 6 2015)	Break	Obst & Gyn (Feb 02 - Mar 24 2014)	Break	Internal Medicine (Apr 20- July 03 2015)	
C	Obst & Gyn (Sep 01 - Nov 07 2014)	Urology (Jan 7 - Jan 23)	Break	Obst & Gyn (Feb 02 - Mar 24 2014)	Break	Urology (Mar 25-Apr 10)	
	Pediatrics (Sep 01- Nov 07 2014)	Pediatrics (Nov 17 2014- Jan 23 2015)	Break	Urology (Jan 7 - Jan 23)	Break	Internal Medicine (Apr 20- July 03 2015)	
D	Surgery (Sep 01- Nov 07 2014)	Internal Medicine (Nov 17 2014- Jan 30 2015)	Break	Obst & Gyn (Feb 02 - Mar 24 2014)	Break	Urology (Mar 25-Apr 10)	
	Obst & Gyn (Sep 01 - Nov 07 2014)	Obst & Gyn (Nov 17 2014 - Jan 6 2015)	Break	Pediatrics (Nov 17 2014- Jan 23 2015)	Break	Internal Medicine (Apr 20- July 03 2015)	

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	Compulsory
Clerkship Level	Undergraduate
Year Coordinators	Prof.Yasemin ALANAY Prof.Özlem PATA,
Clerkship Coordinator	Prof. Gül BAŞARAN, Assist. Prof. Fatih Oğuz ÖNDER Instructor Aleks DEĞİRMENCİOĞLU
Clerkship Subcoordinators	Nurdan TÖZÜN, M.D., Prof. (Internal Medicine) Sesin KOCAGÖZ, M.D., Prof. (Infectious Diseases) Çağlar ÇUHADAROĞLU, M.D., Prof. (Pulmonary Diseases) Sinan DAĞDELEN, M.D., Prof. (Cardiology)
Academic Units & Staff	<p>Internal Medicine</p> <p>Endocrinology Rüştü SERTER, M.D., Prof. Zübeyde Şebnem AKTARAN, M.D., Prof. Ender ARIKAN, M.D., Assoc. Prof. Adnan GÖKÇEL, M.D., Assoc. Prof. Berrin KARADAĞ, M.D., Assoc. Prof. Neslihan KURTULMUŞ, M.D., Assoc. Prof.</p> <p>Gastroenterology Nurdan TÖZÜN, M.D., Prof. Murat SARUÇ, M.D., Prof. Bahattin ÇİÇEK, M.D., Prof. Eser VARDARELİ, M.D., Assoc. Prof. Bülent DEĞERTEKİN, M.D., Assoc. Prof. Arzu TİFTİKÇİ, M.D., Assoc. Prof. Özdemir ERSOY, M.D., Assist. Prof Nurten TÜRKEL KÜÇÜKMETİN, 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., Assoc. Prof.</p> <p>Medical Oncology Gül BAŞARAN, M.D., Prof. Gökhan DEMİR, M.D., Prof. Aziz YAZAR, M.D., Prof. Özlem ER, M.D., Prof. Sinan YAVUZ, M.D., Prof. Abdullah BÜYÜKÇELİK, M.D., Prof.</p>

<p>Academic Units & Staff</p>	<p>Bülent ORHAN, M.D., Assoc. Prof.</p> <p>Rheumatology Mehmet KARAARSLAN, M.D., Assist. Prof.</p> <p>Pulmonary Diseases Çağlar ÇUHADAROĞLU , M.D., Prof Haluk ÇALIŞIR, M.D., Assoc. Prof. Ceyda KİRİŞOĞLU , M.D., Assist. Prof. Süha ALZAFER, M.D., Instructor</p> <p>Infectious Diseases Sesin KOCAGÖZ , M.D., Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Cardiology Sinan DAĞDELEN , M.D., Prof. N.Tuğrul NORGAZ, M.D., Prof. Şevket GÖRGÜLÜ, M.D., Prof. Ahmet Duran DEMİR, M.D., Prof. İlke SİPAHİ, M.D., Prof. Seden Erten ÇELİK , M.D., Assoc. Prof. Duhan Fatih BAYRAK, M.D., Assoc. Prof. Ergün SEYFELİ, M.D., Assoc. Prof. Ahmet AKYOL, M.D., Assoc. Prof. Ahmet KARABULUT, M.D., Assoc. Prof. Tansu KARAAHMET, M.D., Assist. Prof. Ali BUTURAK ,M.D., Assist. Prof Gülcan KURU ABALI, M.D., Assist. Prof Aleks DEĞİRMENCİOĞLU, M.D., Instructor Selçuk GÖRMEZ, M.D., Instructor Seçkin SATILMIŞ, M.D., Instructor</p> <p>Medical Ethics Yeşim Işıl ULMAN, Ph.D., Prof</p> <p>Neurology Yıldız KAYA,M.D., Assist. Prof</p> <p>Dermatology Yasemin SARAY, M.D., Assoc. Prof.</p>
<p>Duration</p>	<p>11 weeks</p>
<p>Aim</p>	<p>The aim of the 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.</p>

Learning Outcomes	<p>By the end of this clerkship, the students will be able to:</p> <ul style="list-style-type: none"> • 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, • 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, • acquire ethical sensitivity and professional motivation during clerkship years by integrating the ethical learning in preclinical years with the clinical experience at ward on actual cases.
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 Prof.Yasemin ALANAY
Clerkship Coordinator(s)	Assoc. Prof Bilgi BACA
Clerkship sub-coordinators	Bilgi BACA, M.D., Assoc. Prof. (General Surgery) Erdal OKUR, M.D., Assoc. Prof. (Thoracic Surgery) Ersin EREK, M.D., Assoc.Prof. (Cardiovascular Surgery) Serpil Ustalar ÖZGEN, M.D., Assist Prof. (Anesthesiology) Ferit DEMİRKAN, M.D., Prof. (Plastic Surgery)
Academic Staff	<p>General Surgery Cihan URAS, M.D., Prof. Bilgi BACA, M.D., Assoc. Prof. İbrahim BERBER, M.D., Assoc. Prof. Deniz BÖLER, M.D. , Instructor İlknur ERGÜNER, M.D. , Instructor Ercument GÜRLÜER, M.D. , Instructor</p> <p>Thoracic Surgery Semih HALEZEROĞLU, M.D., Prof. Erdal OKUR, M.D., Assoc. Prof.</p> <p>Cardiovascular Surgery Cem ALHAN, M.D., Prof. Tayyar SARIOĞLU, M.D., Prof. Hasan KARABULUT, M.D., Prof. Mehmet Ali ÖZATİK, M.D.,Prof. Süleyman ÖZKAN, M.D., Assoc.Prof. Şahin ŞENAY, M.D., Assoc. Prof. Ersin ERKEK, M.D., Assoc. Prof. Cem ARITÜRK, M.D., Assist. Prof. Ahmet ÜMİT GÜLLÜ, Assist. Prof.</p> <p>Anesthesiology Fevzi TORAMAN, M.D., Prof. Tayfun GÜLER, M.D., Prof. Özcan ERDEMLİ, M.D., Prof. Sibel KAHRAMAN AKÖZER, M.D., Assoc.Prof. Serpil Ustalar ÖZGEN, M.D., Assist Prof. Sanem ÖZATA, M.D., Assist Prof. Müzeyyen İYİGÜN, M.D. Özgen KOÇYİĞİT, M.D. Muharrem KOÇYİĞİT, M.D.</p>

Academic Staff	Plastic Surgery Ferit DEMİRKAN, M.D., Prof. Şükrü YAZAR, M.D., Prof. Cengiz AÇIKEL, M.D., Prof. Halil İbrahim CENTER, M.D., Assoc. Prof. Berkhan YILMAZ, M.D., Assist. Prof. Sinan ERSOY, M.D.
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, 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. - 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 - 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
Course Methods	Lectures Bed Side Training Case studies Active Presentation and Discussion Attendance to Surgery, ICU / Unit Visit Out Patient Clinics
Assessment Methods	Clinical Performance Assessment Structured Oral Exam Written Exam

Clerkship	Year	Code	Theoretical (hours)	115	National Credits	ECTS
			Practical (hours)	243		
Pediatrics and Pediatric Surgery	4	MED 403	Study Time (hours)	33	17	15

Prerequisite	None
Educational Language	English
Clerkship Type	Compulsory
Clerkship Level	Undergraduate
Year Coordinators	Prof.Özlem PATA Prof.Yasemin ALANAY
Clerkship Coordinator	Prof.Yasemin ALANAY Assoc.Prof. Selda POLAT Assoc.Prof. Müazzez ÇEVİK
Clerkship Subcoordinators	Alpay ÇELİKER, M.D., Prof., Chairman, Pediatrics
Academic Units and Staff	<p>Pediatrics Selda POLAT, M.D., Assoc. Prof.</p> <p>Neonatology Atalay DEMIREL, M.D., Assist. Prof.</p> <p>Pediatric Cardiology Alpay ÇELİKER, M.D., Prof. Arda SAYGILI, M.D., Assoc. 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., Prof.</p> <p>Pediatric Neurology Uğur IŞIK, M.D., Assoc. Prof.</p> <p>General Pediatrics Müjde ARAPOĞLU, M.D., Assist. Prof. Sibel AKA, M.D., Assist. Prof. Tarkan İKİZOĞLU, M.D.</p> <p>Pediatric Surgery Latif ABBASOĞLU, M.D., Prof. Müazzez ÇEVİK, M.D., Assoc Prof</p> <p>Pediatric Pulmonology Elif DAĞLI, M.D., Prof. (Guest Lecturer)</p> <p>Pediatric Gastroenterology and Hepatology Mahir GÜLCAN, M.D.,</p> <p>Dermatology Sedef ŞAHİN, M.D., Prof.</p> <p>Pediatric Allergy And Immunology Reha CENGİZLİER M.D., Prof. (Guest Lecturer)</p>
Duration	10 weeks

<p>Aim</p>	<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>
<p>Learning Outcomes</p>	<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.
<p>Educational Methods</p>	<p>Lectures Clinical Skills Ward rounds-outpatient clinics Problem Based Learning Case Discussions</p>
<p>Assessment Methods</p>	<p>Clinical Skills Assesment Written Exam 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)	15	13	11

Prerequisite	None
Educational language	English
Course Type	Compulsory
Course Level	Undergraduate
Year coordinators	Prof.Özlem PATA Prof.Yasemin ALANAY
Clerkship coordinator(s)	Prof.Cem BATUKAN Assoc. Prof.Korhan KAHRAMAN
Clerkship sub-coordinator	Esra ÖZBAŞLI, M.D., Instructor
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. Bülent TIRAŞ, M.D., Prof Cem BATUKAN, M.D., Prof. Korhan KAHRAMAN, M.D., Assoc. Prof. Serkan ERKANLI, M.D., Assoc. 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.

<p>Learning outcomes</p>	<p>By the end of this committee, the students will be able to:</p> <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 swap 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, - 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.
<p>Educational methods</p>	<p>Lectures Interactive learning session Literature review and presentations Practice in the operating and delivery room</p>
<p>Assessment methods</p>	<p>Clinical performance assessment Written examination Structured oral examinations</p>

CLERKSHIP	Year	Code	Theoretical (hours)	19	National credits	ECTS
			Practical (hours)	68		
Urology	4	MED 405	Study time (hours)	8	4	3

Prerequisite	None
Educational language	English
Clerkship Type	Compulsory
Clerkship Level	Undergraduate
Year coordinators	Prof.Özlem PATA Prof.Yasemin ALANAY
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. Ali Rıza KURAL, M.D. Prof. Saaddettin ESKİÇORAPÇI, M.D., Prof. Mustafa SOFİKERİM, M.D., Assoc. Prof. İlter TÜFEK, M.D. M.D., Assoc. Prof. Serkan DEVECİ, M.D. M.D., Assoc. Prof. Hakan ÖZVERİ, M.D., Assist. 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. Cenk ACAR, 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

Session title *Hours* *Tutor*

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Fluid and Electrolyte Management of Surgical Patient	1	İ Ergüner
Hemostasis, Surgical Bleeding Transfusion	1	İ Ergüner
Wound Healing	1	D Böler
Systemic Response to Injury	2	D Böler
Surgical Infections	1	D Böler
Peritonitis and Intraabdominal Abscess	1	E Gürlüler
Shock	2	İ Berber
Acute Abdomen	1	B Baca
Abdominal Injuries	1	B Baca
Postoperative Complications	1	C Uras
Benign Breast Disease	2	C Uras
Breast Cancer	2	C Uras
Thyroid Physiology and benign thyroid disorders	2	E Gürlüler
Solitary Thyroid Nodule and Malignant Thyroid Diseases	1	E Gürlüler
Parathyroid disorders	1	D Böler
Adrenal Gland	1	D Böler
Motility Disorders of Esophagus	1	İ Berber
Gastroesophageal Reflux and Hiatal Hernia	1	B Baca
Tumors of the Esophagus	1	B Baca
Other Esophageal Disorders (Corosive Esophagitis and Perforation)	1	E Gürlüler
Benign Neoplasms of Stomach and Miscellaneous Lesions	1	D Böler
Gastric Cancer	1	D Böler
Liver: Anatomy Diagnostic Tests, Radiology and Surgery	1	İ Berber
Liver Infections (Pyogenic and Parasitic)	1	İ Berber
Benign and Malignant Liver Tumors	1	İ Berber
Obstructive Jaundice and Benign Diseases	1	E Gürlüler
Liver Failure and Portal Hypertension	1	E Gürlüler
Tumors of Biliary System and Gallbladder	1	İ Berber
Spleen: Indications of Splenectomy	1	D Böler
Transplantation	1	İ Berber
Inflammatory Bowel Diseases	2	B Baca
Small Bowel Diseases (Meckel Diverticulitis,Short Bowel Syndrome;Radiation Enteritis,Tumors)	1	B Baca
Diverticular Disease of the Colon	1	B Baca
Intestinal Obstruction	1	B Baca
Colorectal Cancer	1	B Baca
Benign Anorectal Diseases	2	İ Ergüner
Colorectal Polyps and Polyposis Syndromes	1	İ Ergüner
Benign Colorectal Disorders (Rectal Prolapse, Colonic Volvulus, Ogilvie's syndrome, Fecal Incontinence)	1	İ Ergüner

Pilonidal Disease and Hydradenitis Suppurativa	1	E Gürlüler
Gastrointestinal System Bleeding	1	B Baca
Acute Appendicitis and Other Appendiceal Disorders	1	D Böler
Acute pancreatitis	1	E Gürlüler
Chronic pancreatitis	1	E Gürlüler
Neoplasms of Pancreas (Endocrine and Exocrine)	1	İ Ergüner
Morbid Obesity	1	C Uras
Inguinal Anatomy and Inguinal Hernias	1	İ Ergüner
Abdominal Wall and Ventral Hernia	1	İ Ergüner
Gallstone Disease and Management (Acute and Chronic Cholecystitis)	2	İ Berber
Surgical Metabolism and Nutrition	1	D Böler
Surgical Treatment of Peptic Ulcer and Its Complications	1	E Gürlüler
Diseases of Omentum, Mesentery and Retroperitoneum	1	İ Ergüner
Fluid and Electrolyte Management of Surgical Patient	1	İ Ergüner
Hemostasis, Surgical Bleeding Transfusion	1	İ Ergüner
Lung Neoplasms 1	1	S Halezeroglu
Lung Neoplasms 2	1	S Halezeroglu
Chest wall diseases	1	S Halezeroglu
Pneumothorax	1	S Halezeroglu
Thoracic Surgery Interventions	1	E Okur
Videothoroscopic Procedures	1	E Okur
Video Session; Chest tube insertion	1	E Okur
Thoracic Trauma-	1	E Okur
Mediastinal tumours and cysts	1	E Okur
Tracheobronchial Surgery	1	E Okur
Surgical Disease of Pleura	1	E Okur
Inflammatory Lung Disease in Thoracic Surgery	1	E Okur
Radiological case discussions	1	E Okur
Indications and early and late outcomes of surgical treatment of congenital heart disease	1	T Sarioğlu
Cardiac Valvular Procedures: Surgical technique	1	H Karabulut
Cardiac Valvular Procedures: Surgical technique	1	H Karabulut
Basic concepts in patient care in adult ICU	1	A Özatik
1. Palliative operation for Congenital Cardiac malformations	1	S Özkan
2. Closed cardiac procedures Congenital Cardiac malformations	1	S Özkan
Pediatric intensive care unit: Basic concepts in patient care in pediatric ICU	1	S Özkan
Essentials of Congenital Cardiac Surgery (1): Common congenital heart diseases and surgical treatment techniques(1)	1	E Erek
Essentials of Congenital Cardiac Surgery (2): Common congenital heart diseases and surgical treatment techniques(1)	1	E Erek
1. Corrective operations for the most common congenital cardiac malformations (ASD, VSD)	1	E Erek

2. Corrective operations for the most common congenital cardiac malformations (ASD, VSD)	1	E Erek
Thoracic aortic surgery	1	Ş Şenay
Abdominal aortic surgery	1	Ş Şenay
Basic concepts and indications of coronary bypass procedure: Technique of coronary bypass operation	1	Ş Şenay
Indications and outcome of coronary bypass operation (1)	1	Ü Güllü
Peripheral arterial surgery	1	C Arıtürk
Peripheral venous surgery	1	C Arıtürk
Basic properties and application areas of cardiovascular surgical techniques	1	C Arıtürk
Basic anatomical and physiological concepts in cardiovascular surgery	1	C Arıtürk
Cardiopulmonary bypass; basic properties and application areas	1	C Arıtürk
Emergent surgical cardiac and vascular emergencies	1	C Arıtürk
Monitoring (Hemodynamic, respiratory)	1	F Toraman
CPR (Basic and advanced)	1	T Güler
Local anesthesia, theories, drugs, complications	1	Ö Erdemli
Blood Gases	1	S Ustalar
Pain and Analgesics	1	S Özata
General anesthesia, theories, application, methods, drugs	1	M Koçyiğit
Neuromuscular blocking Agents	1	M İyigün
Management of Anesthesia (induction, maintenance, recovery)	1	Ö Koçyiğit
Reconstructive surgery	1	Ş Yazar
Burns	1	F Demirkan
Skin cancer and malignant melanoma	1	C Açıkel
Maxillofacial injury	1	İ Canter
Breast reconstruction	1	B Yılmaz
Hand injury	1	S Ersoy

Pediatrics and Pediatric Surgery

Session title

Hours Tutor

Examination of Cardiovascular System	1	A Saygılı
Pediatric History Taking	1	Y Alanay
Outline of Learning Outcomes	1	Y Alanay
Examination of the Chest	1	S Aka
Respiratory Signs and Symptoms	1	S Aka
Examination of Gastrointestinal System	1	M Gülcan
Frequent Medical Problems in Adolescents	1	M Arapoğlu
Evaluation of Growth	1	S Semiz
Echocardiography in Practice	1	A Saygılı
Motor and Mental Development	1	U Işık
Neurological Examination	1	U Işık

Examination of Head and Neck	1	T İkizoğlu
Approach to Lymphadenopathy	1	T İkizoğlu
Physiology of the Newborn	1	A Demirel
Examination of the Newborn	1	A Demirel
Approach to Immune Deficiency	1	R Cengizlier
Allergic Diseases of Skin	1	R Cengizlier
Food Allergies	1	R Cengizlier
Drug Allergies	1	R Cengizlier
Pediatric Urinary Tract Infections	1	S Aka
Acute Renal Failure	1	M Şahin
Chronic renal failure	1	M Şahin
Approach to Vasculitis	1	M Arapoğlu
Common Problems in Pediatric Rheumatology	1	M Arapoğlu
Allergic Symptoms of Upper- Lower Respiratory Tract	1	R Cengizlier
Bronchial Asthma Treatment	1	R Cengizlier
Principles of Genetic Counseling	1	Y Alanay
Common Genetic Chromosomal Syndromes	1	Y Alanay
Pedigree Drawing Workshop	1	Y Alanay
Approach to Short Stature	1	S Semiz
Congenital Hypothyroidism	1	S Semiz
Chronic Lung Disease and Cystic Fibrosis Treatment	1	E Dağlı
Childhood Tuberculosis and its Treatment	1	E Dağlı
Clinical skills: pulmonary function tests	1	E Dağlı
Wheezing and Cough in Childhood	1	E Dağlı
Clinical skill in Pediatric Pulmonology	1	E Dağlı
Pediatric Sepsis, Bacteremia, Septic Shock	2	T İkizoğlu
Dehydration, Fluid and Electrolyte treatment	2	T İkizoğlu
Inherited Metabolic Disease	1	Y Alanay
Genetic Tests for the Clinician	1	Y Alanay
Postnatal Newborn Care and Neonatal Screening	1	A Demirel
Hyperbilirubinemia and Jaundice in Newborn	1	A Demirel
Case Discussion: Hashimoto disease	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
Approach to GIS Bleeding and IBD	1	M Gülcan
Vomiting and GERD	1	M Gülcan
Functional GI Disorders and Gastritis in Childhood	1	M Gülcan
Celiac Disease and other causes of Malabsorption in Childhood	1	M Gülcan
Intrauterine Infections	1	E Eryılmaz
Probiotics and Prebiotics in Pediatrics	1	E Eryılmaz

Congenital Heart Disease -1	1	A Çeliker
Congenital Heart Disease -2	1	A Saygılı
Congestive Heart Failure and its Treatment	1	A Çeliker
Pediatric ECG	1	A Saygılı
Endocarditis, Pericarditis, Myocarditis	2	A Çeliker
Chronic Liver Disease in Childhood	2	M Gülcan
PBL-1 part I	2	S Aka
Bleeding Diathesis in Childhood	1	C Canpolat
Solid Tumors in Childhood	1	C Canpolat
Anemia in Childhood	1	C Canpolat
How to Prescribe Medicine	1	C Canpolat
Nutrition in Pediatrics	1	M Arapoğlu
Benefits of Breastfeeding	1	M Arapoğlu
Newborn Resuscitation and respiratory Problems	1	A Demirel
Newborn Sepsis	1	A Demirel
Leukemias in Childhood	1	E Eryılmaz
PBL-1 part II	2	E Eryılmaz
Increased Intracranial Pressure	1	U Işık
Hypotonic Infant	1	U Işık
Epilepsy and Febrile Convulsions	1	U Işık
Approach to Child in Coma	1	U Işık
CNS Infections	1	U Işık
Postinfectious Diseases	1	U Işık
Practicing Glasgow Coma Scale in ER	1	U Işık
Examination of CSF	1	U Işık
Well child follow-up visits	1	S Polat
Complementary feeding in infancy	1	S Polat
Childhood eruptions	1	S Polat
Biliary Atresia	1	M Çevik
Genitourinary anomalies	1	L Abbasoğlu
Esophageal diseases	1	L Abbasoğlu
Invagination	1	L Abbasoğlu
Hypertrophic Pyloric Stenosis	1	L Abbasoğlu
Head and Neck Problems	1	L Abbasoğlu
Lymphomas in Childhood	1	E Eryılmaz
PBL-2 part I	2	S Aka
Atlas Images of Skin	1	S Şahin
Exantems and Enanthems in Childhood	1	S Şahin
Dermatological examination	1	S Şahin
Inguinal Pathologies in Childhood	1	M Çevik
Surgical Respiratory Distress in Neonates	1	L Abbasoğlu

Hirschprung Disease	1	M Çevik
Fluid and Electrolyte Management	1	L Abbasoğlu
Abdominal Tumors	1	L Abbasoğlu
Chronic Constipation	1	M Çevik
Neonatal Intestinal Obstruction	1	L Abbasoğlu
Immunization in Childhood	2	S Aka
PBL-2 part II	2	E Eryılmaz
Acute Abdominal Pain	1	L Abbasoğlu
Abdominal Trauma	1	L Abbasoğlu
Anorectal Malformations	1	M Çevik
GI Bleeding in Childhood	1	L Abbasoğlu
Abdominal Wall Defects	1	L Abbasoğlu
Urinary Tract Infections and VUR	1	L Abbasoğlu

Obstetrics and Gynecology

Session title

Hours Tutor

Clinical gynecologic anatomy	1	M Güngör
Sexually transmitted disease and genital infections	1	E Özbaşlı
Management of adnexal masses	1	M Güngör
Gynecological and Obstetric ultrasound	2	D Eroğlu
Abnormalities of the placenta and amniotic fluid	1	K Kahraman
Normal and abnormal labor	2	Ö Pata
Intrapartum fetal evaluation and perinatal asphyxia	1	Ö Pata
Premenstrual syndrome and dysmenorrhea and pelvic pain	1	E Özbaşlı
Emesis gravidarum	1	E Özbaşlı
Genital organ prolapses and genital fistula	1	E Özbaşlı
Congenital anomalies of the female genitalia	1	B Tıraş
Endometriosis	1	T Küçük
Infertility	2	T Küçük
Amenorrhea	2	B Tıraş
Ovulation induction and assisted reproductive techniques	1	T Bağış
Antenatal care and fetal wellbeing	2	İ Bildirici
Complications of the puerperium	1	K Kahraman
Tumor markers and screening	1	S Erkanlı
Precancerous lesions of the endometrium	1	S Erkanlı
Benign and premalignant lesions of the cervix	1	S Erkanlı
Cytology and Colposcopy	1	S Erkanlı
Benign, precancerous lesions and cancer of the vulva and vagina	1	H Gorgen
Myomas	1	B Tıraş
Multifetal pregnancy	1	C Batukan

Induction of labor	1	K Kahraman
Antepartum hemorrhage	1	C Batukan
Epithelial tumors of the ovary and tuba	2	M Güngör
Cervical cancer	1	M Güngör
Ectopic pregnancy	1	B Tıraş
Female urinary incontinence	1	E Özbaşlı
Perinatal infections	1	D Eroğlu
Diabetes complicating pregnancy	1	D Eroğlu
Postdates, Intrauterine fetal death, perinatal mortality	1	D Eroğlu
Pregnancy and systemic diseases-	1	D Eroğlu
Abnormal presentation	2	Ö Pata
Premature rupture of membranes	1	K Kahraman
Intrauterine growth retardation	1	Ö Pata
Endometriosis	1	T Küçük
Menopause	1	T Küçük
Contraception	1	T Küçük
Abnormal vaginal bleeding	1	T Bağış
Hyperandrogenism and Polycystic ovary syndrome	2	T Bağış
Preterm labor and tocolysis	1	İ Bildirici
Pregnancy and hypertension	2	İ Bildirici
Teratology	1	K Kahraman
Nonepithelial ovarian tumors	1	S Erkanlı
Endometrial cancer and mesenchymal tumors of the uterus	1	S Erkanlı
Gestational trophoblastic disease	2	H Görgen
Abortus & Recurrent pregnancy loss	1	H Görgen
Pregnancy and hematological diseases	1	K Kahraman
Postpartum hemorrhage	1	C Batukan
Rhesus disease	1	C Batukan

Internal Medicine

Session title ***Hours Tutor***

Welcome /Intorduction to IM program	1	N Tözün
Patient-doctor relationship	1	N Tözün
History taking	2	N Tözün
Approach to a pt with chest pain	1	S Görmez
Examination of the precordium	1	S Görmez
Examination of pulse and BP	2	A Karabulut
Pulm symptoms&signs	1	Ç Çuhadaroğlu
Examination of chest	2	Ç Çuhadaroğlu
GIS symptoms and signs	1	M Saruç

Examination of abdomen	2	N Tözün
Examination of Head and Neck	1	S Ratip
Examination of Extremities	1	S Ratip
Approach to a pt with LAP	1	S Ratip
Neurlogical examination	1	Y Kaya
Dermatologic manifestations of systemic disease	1	Y Saray
Review of history taking and physical examination	2	G Başaran
Clinical Ethics: Case discussions	2	Y Ülman
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 D Demir
Diagnosis and therapy of pericardial disease and cardiac masses	1	A D Demir
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 Değirmencioğlu
Treatment of arterial system disorders	1	T Norgaz
Pregnancy and Heart Disease	1	E Seyfeli
Endocrine disorders, diabetes and cardiovascular disease	1	E Seyfeli
Chronic obstructive pulmonary diseases	1	S Alzafer
Asthma	1	S Alzafer
Management of pleral effusions	1	S Alzafer
Interstitial lung diseases	1	S Alzafer
Pulmonary vascular diseases: PHT and PE	1	S Alzafer
Pneumonia	1	H Çalışır
Pneumonia: case discussion	1	H Çalışır
Tuberculosis	1	S Alzafer
Approach to a patient with hemoptysis	1	Ç Çuhadaroğlu
Pulmonary edema, hypoxia, polycythemia, cyanosis	1	Ç Çuhadaroğlu
Evaluation of pulmonary functions	1	Ç Çuhadaroğlu

Pulmonary neoplasms	1	H Çalışır
Management of GERD, Esophagitis and Esophageal Motility Disorders	1	Ö Ersoy
Approach to Patient with Diarrhea	2	N Tükel
Approach to Abdominal swelling and Ascites	2	N Tözün
Approach to the patient with Jaundice (DISCUSSION)	1	N Türkel
Gastrointestinal emergencies I: upper and lower GI Bleeding	1	B Çiçek
Gastrointestinal emergencies II: acute liver failure	1	N Tözün
Approach to patient with constipation	1	Ö Ersoy
Management of acute and chronic pancreatitis	1	B Çiçek
Management of Peptic Ulcer Disease	1	B Çiçek
Management of irritable bowel syndrome	1	E Vardareli
Management of inflammatory bowel diseases	2	E Vardareli
Management of complications of liver cirrhosis	2	M Saruç
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
Endocrine emergencies	2	N Kurtulmuş
Pituitary diseases	1	R Serter
Pituitary diseases: Case Discussion	1	R Serter
Adrenal diseases	2	R Serter
Obesity	1	S Aktaran
Hyper/hypoparathyroidism/metabolic bone	1	Ş Aktaran
Osteoporosis	1	S Aktaran
Problems of Aging: Physiologic and laboratory changes	1	B Karadağ
Management of chronic disease in elderly	1	B Karadağ
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
Rheumatology Mimics	1	M Karararşlan
Rheumatoid Arthritis	1	M Karararşlan
Spondyloarthropaties	1	M Karararşlan
Connective Tissue Disease	1	M Karararşlan
Vasculitis	1	M Karararşlan
Behçet's Disease/FMF	1	M Karararşlan
Pathophysiology and treatment of hypertension	1	Ü Çakır

Management of glomerular diseases	1	Ü Çakır
Management of electrolyte disturbances	1	Ü Çakır
Management of acid-base disorders	1	Ü Çakır
Acute renal Failure	1	Ü Çakır
Chronic kidney disease and renal replacement therapies	1	Ü Çakır
Epidemiology and etiology of cancer	1	A Yazar
Principles of Cancer Therapy	1	G Başaran
Breast Cancer: screening, diagnosis, risk factors, principles of therapy	1	G Başaran
Lung cancer: screening, diagnosis, risk factors, principles of therapy	1	A Yazar
Side effects of cancer therapy	1	A Büyükçelik
Prostate cancer: screening, diagnosis, risk factors, principles of therapy	1	A Büyükçelik
Management of oncologic emergencies	1	S Yavuz
Colorectal cancer: screening, diagnosis, risk factors, principles of therapy	1	Ö Er
Cancer Prevention	1	G Demir
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 transfusion	1	A Uzay
Hematologic malignancies: Lymphomas	1	A Uzay
Hematologic malignancies: Leukemia	1	A Uzay

Urology

Session title

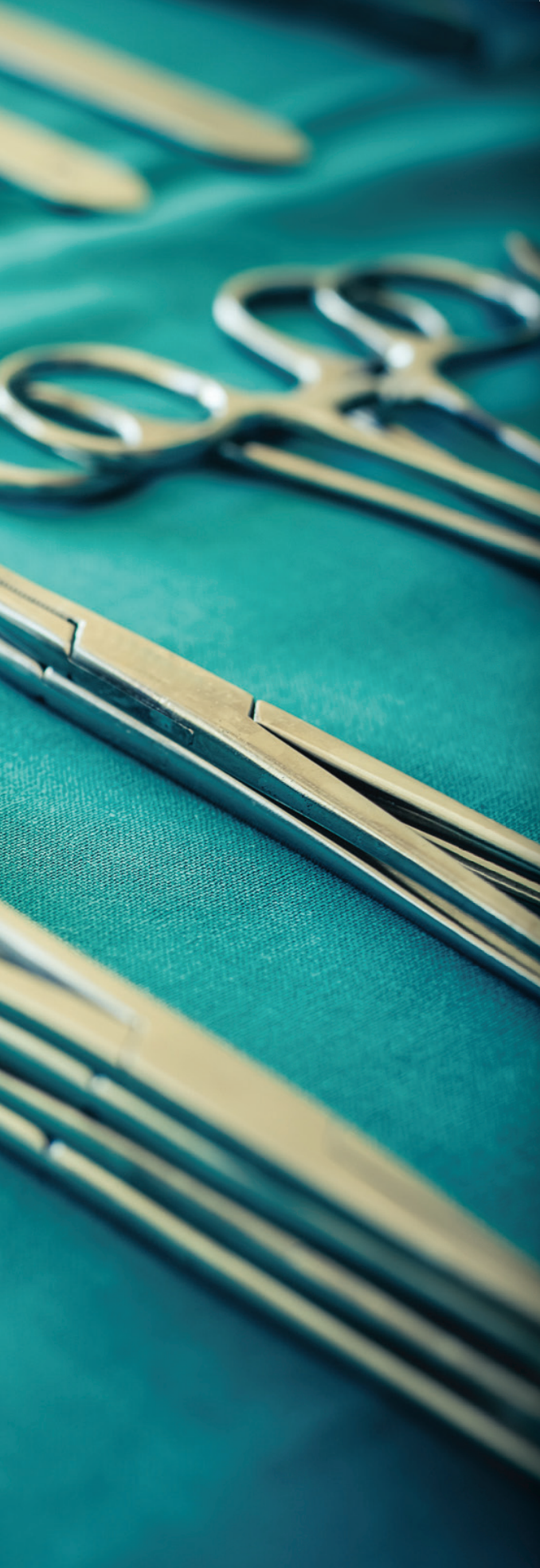
Hours Tutor

Renal Cancer	1	A R Kural
Evaluation of hematuria	1	B Özkan
Genitourinary trauma and emergency	2	E R Coşkun
Urothelial carcinoma	2	İ Tüfek
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/C Acar
The etiology, epidemiology and treatment of female incontinence and overactive bladder	2	M Şamlı
Specific and nonspecific urinary tract infections and sexually transmitted diseases	2	B Özveren
Infertility	1	H Özveri



ACIBADEM
UNIVERSITY





2014-2015
YEAR 5

SCHOOL OF MEDICINE

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	30	122	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	190	1621	65	60

PMR = Physical Medicine and Rehabilitation

* 45 student work load hours per week

YEAR 5 CLERKSHIP SCHEDULE OUTLINE

Groups		FALL SEMESTER									
A	Neurology (Sep 01-Sep 26 2014)	Neurosurgery (Sep 29-Oct 24 2014)		Psychiatry (Oct 27- Nov 14 2014)	OHNS (Nov 17 - Dec 5 2014)	Ophthalmology (Dec 8 - Dec 19 2014)	Dermatology (Dec 22 - Jan 9 2014)	Radiology (Jan 12- Jan 30 2015)			
	Orthopedics & PMR (Sep 01-Oct 3 2014)	Elective -1 (Oct 6 - Oct 24 2014)		Elective -2 Oct 27-Nov 14 2014)	Neurology (Nov 17- Dec 12 2014)	Neurosurgery (Dec 15 - Jan 9 2014)	Psychiatry (Jan 12- Jan 30 2015)				
B	OHNS (Sep 01-Sep 19 2014)	Ophthalmology (Sep 22- Oct 03 2014)	Dermatology (Oct 6- Oct 24 2014)	Radiology Oct 27-Nov 14 2014)	Orthopedics&PMR (Nov 17-Dec 19 2014)	Elective -1 (Dec 22- Jan 9 2014)		Elective -2 (Jan 12- Jan 30 2015)			

SPRING SEMESTER

A	Forensic Medicine (Groups B2, C) Feb 02 / Feb 16 / Feb 27 2015		Orthopedics & PMR (Mar 2- Apr 3 2015)		Elective -1 (Apr 6- Apr 24 2015)	Elective -2 (Apr 27 -May 15 2015)	Elective -3 (May 18-Jun 5 2015)				
	B	Forensic Medicine (Groups A,B1) Feb 02 / Feb 13 2015		OHNS (Mar 2- Mar 20 2015)	Ophthalmology (Mar 23- Apr 3 2015)	Dermatology (Apr 6 - Apr 24 2015)	Radiology (Apr 27 - May 15 2015)		Elective -3 (May 18-Jun 5 2015)		
C				Neurology (Mar 2- Mar 27 2015)	Neurosurgery (Mar 30- Apr 24 2015)	Psychiatry (Apr 27 -May 15 2015)		Elective -3 (May 18-Jun 5 2015)			

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. Ömer Faruk ÜNAL; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKİŞ; 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 Yalınay DİKMEN, M.D., Assoc. Prof. Elif Ilgaz AYDINLAR, M.D., Assist. 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: - 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					

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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Assoc. Prof. Koray ÖZDUMAN 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: -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)	60		
Psychiatry	5	MED 503	Study Time (days)	35	5	5

Educational language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr
Clerkship Coordinators	Assist. Prof. Burcu YAVUZ Assist. Prof. Ferhal Utku DOĞAN
Academic Units & Staff	Psychiatry Cem İNCESU, M.D., Prof. Kültegin ÖGEL, M.D., Prof. Burcu YAVUZ, M.D., Assist. Prof. Arzu ÖNAL, M.D., Instructor Elçin ORHAN M.D., Nuray SARP M.D.,
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 clerkship, the students will be able to: -Obtain a history, and perform mental status examination -Define psychiatric symptoms -Diagnose psychotic disorders -Define diagnostic criteria for schizophrenia -Diagnose mood disorders -Define diagnostic criteria for manic episode, mixed episode, major depressive episode -Diagnose anxiety disorders -Diagnose substance use disorders -Define somatoform disorders -Describe eating disorders -Define sexual disorders -Observe and show how to 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 304	Study time (hours)	10	5	4
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year coordinators	Prof. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; 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 Ömer Faruk ÜNAL, MD., Prof., Chairman 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., Assoc 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., AssistProf. 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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; 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	<p>By the end of this committee, the students will be able to:</p> <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	Study Time (days)	15	5	5
Educational language	English					
Course Type	Compulsory					
Course Level	Undergraduate					
Year Coordinators	Prof. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; 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., Assoc. 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. 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. Ömer Faruk Ünal;omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr					
Clerkship Coordinators	Prof. Simay ALTANKARA Prof. Enis ÖZYAR Assist.Prof. Can ÇALIŞKAN					
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. Erdem YILDIZ, M.D., Assist.Prof. Ümit ÖZCAN, M.D., Assist.Prof. Özden Sila 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: <ul style="list-style-type: none"> - 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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; 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 ÖZÇİRPİCİ, 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.					

Learning outcomes	<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
Educational methods	<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>
Assessment methods	<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. Ömer Faruk Ünal;omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr
Clerkship coordinator	Assoc. Prof. Işıl Pakiş
Academic Staff	Forensic Medicine: Işıl PAKIŞ, M.D, Assoc. Prof. Pathology: Ümit İNCE, M.D., Prof. Medical Ethics: Yeşim Işıl ÜLMAN, Ph.D., Prof. Affiliated Faculty: Oğuz POLAT, M.D., Prof. (Forensic Medicine)
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	2	G Karlıkaya
Epilepsy 1 and 2	4	F Arman
Cerebrovascular disorders 1 and 2	4	D Kaya
Extrapyramidal disorders	2	Ç Doğulu
Cranial neuropathies	2	E Aydınlar
Neuromuscular disorders 1 and 2	4	P Dikmen
Coma and mental alterations	2	A Kocaman
Neurological emergencies	2	Y Kaya
Diagnostic tools in neurology	2	Y Kaya
Headache	2	G Karlıkaya
Dementia	2	Ç Doğulu
Peripheral neuropathies	2	E Aydınlar
Demyelinating disorders	2	A Kocaman
Autonomic nervous system disorders	2	M. Aksu
Sleep physiology and disorders	2	M. Aksu

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>
Child and Adolescent Psychiatry Attention Defiect Hyperactivity Disorder	3	A Önal
Psychiatric signs and symptoms	2	B Yavuz
Mental Status Examination	2	B Yavuz
Psychiatric Disorders due to General Medical Condition	2	B Yavuz
Somatoform Disorders	1	B Yavuz
Dissociative Disorders	1	K Ögel
Psychiatric Emergencies	1	K Ögel
Psychopharmacology	2	B Yavuz
Mood Disorders	2	C İncesu
Anxiety Disorders	2	C İncesu
Personality Disorders	1	C İncesu
Sexual Disorders	2	C İncesu
Eating Disorders	1	E Orhan
Sexual and Couple Therapy	1	E Orhan
Psychotherapy	1	E Orhan
Psychooncology	1	E Başöz
Schizophrenia	1	B Yavuz
Other Psychotic Disorders	2	B Yavuz
Substance Related Disorders	2	K Ögel
Trauma/Breavement	1	N Sarp
Psychotherapy	1	N Sarp

Dermatology

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
Introduction to Dermatology	2	E Sezer
Slide show and quiz	2	E Sezer
Bacterial Infections of the Skin	1	İ E Aydınöz
Parasitic Infestations of the Skin	1	İ E Aydınöz
Slide show and quiz	1	İ E Aydınöz
Pigmentary Disorders	1	İ E Aydınöz
Viral Infections of the Skin	1	Ö Bakar
Drug reactions	1	Ö Bakar
Slide show and quiz	1	Ö Bakar
Principles of Topical Treatment in Dermatology	1	Ö Bakar
Fungal Infections of the Skin	1	D Duman
Urticaria, Angioedema, Erythema Multiforme	1	D Duman
Atopic and Seborrheic Dermatitis	1	D Duman
Pruritus	1	D Duman
Behcet's disease	1	E Güngör
Bullous diseases	1	E Güngör

Slide show and quiz	1	E Güngör
Differential Diagnosis of Genital Lesions	1	E Güngör
Papulosquamous Skin Disorders	2	Y Saray
Contact Dermatitis	1	Y Saray
Cutaneous Signs of Systemic Disease	1	Y Saray
Acne Vulgaris and Acne Rosacea	1	E Ö Durmaz
Syphilis and Other Sexually Transmitted Disorders	1	E Ö Durmaz
Syphilis and Other Sexually Transmitted Disorders	1	E Ö Durmaz
Autoimmune connective Tissue Diseases	1	E Ö Durmaz
Benign Skin Tumors	1	S Şahin
Malignant melanoma and lymphoma	2	S Şahin
Non-melanoma skin cancers	1	S Şahin
Erythroderma	1	S Şahin
Phototherapy	1	E Sezer
Slide show and quiz	2	S Şahin

Radiology

<i>Session title</i>	<i>Hour</i>	<i>Tutor</i>
Case based discussion, algorithm and summary of cardiac radiology	4	Ö. Saygılı
Case based discussion, algorithm and summary of pediatric abdominal radiology	3	Ö. Saygılı
Case based discussion, algorithm and summary of musculoskeletal radiology	4	E. Karaarslan
Case based discussion, algorithm and summary of abdominal radiology	4	Ö. S .Ulus
Case based discussion, algorithm and summary of thorax radiology	4	Ö. S .Ulus
Case based discussion, algorithm and summary of urogenital radiology	4	E. Yıldız
Case based discussion, algorithm and summary of emergency radiology	4	Ü. Özcan
Case based discussion, algorithm and summary of breast radiology	2	Ü. Özcan
Introduction to clerkship and Case based discussion, algorithm and summary of pediatric neuroradiology	4	S. Kara
Case based discussion, algorithm and summary of neuroradiology	2	S. Kara
Case based discussion, algorithm and summary of spine	2	S. Kara
Case based discussion, algorithm and summary of advanced neuroradiology	4	A. Dinçer
Radiotherapy: General information	2	B. Atalar
Role of Radiotherapy in management of multimodal cancer care	2	M. Garipağaoğlu
Radiotherapy acute and chronic side effects	2	M. Şengöz
Radiation accidents and biological effects	2	E. Özyar

Otolaryngology, Head and Neck Surgery

<i>Session title</i>	<i>Hours</i>	<i>Tutor</i>
ENT examination	2	L Erişen
Head and Neck masses & Cancer	2	L Erişen
Vertigo /Dizziness	2	H Özkarakas
Hoarseness	2	Ö F Ünal
Dyspnea	2	Ö F Ünal

Snoring and OSA	2	H Tanyeri
Facial paralysis	1	A Koç
Otalgia	1	A Koç
Audiology and vestibular examination	2	Ş Polat
Nasal obstruction	1	Ş Polat
Hearing loss	2	A Ulubil
Dysphagia	1	E Aksoy
Maxillo-facial trauma	2	E Aksoy
Facial plastic surgery	2	İ E Emre
Sore throat	2	G Güvenç
Epistaxis	1	G Güvenç
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>
Introduction to the musculoskeletal system clerkship	1	M Türkmen
Musculoskeletal tissue characteristics and injury biomechanics	1	U Akgün
Sports traumatology and arthroscopic surgery, knee	1	U Akgün
Brachial plexus injuries and peripheral nerve surgery	1	A Yücerürk
Low back pain, diagnosis and treatment approaches	1	R Celiker
Physical examination of the spine	1	R Celiker
Gait analysis	1	A Atalay
Orthotics and prosthetics	1	A Atalay
Physiology of pain, classification and treatment	1	A Atalay
Musculoskeletal system imaging	1	S Sarban
Foot and ankle disorders	1	S Sarban
Upper extremity fractures and dislocations	1	M U Özbaydar
Lower extremity fractures and dislocations	1	M U Özbaydar
Sports traumatology and arthroscopic surgery, shoulder	1	M U Özbaydar
Pelvic and spinal fractures and dislocations	1	F Dikici
Musculoskeletal system infections	1	F Dikici
Cardiac and geriatric rehabilitation	1	S Özçirpici
Soft tissue rheumatisms	1	S Özçirpici
Neurologic rehabilitation	1	S Arslan
Arthroplastic surgery	1	B Beksaç
Bone and soft tissue tumors	1	B Beksaç
Congenital anomalies	1	V S Ünal
Developmental hip dysplasia	1	V S Ünal
ATLS guidelines, emergency care	1	V S Ünal
Neuromuscular diseases	1	B Kocaoğlu
Club foot	1	B Kocaoğlu

Rehabilitation of rheumatic diseases	1	S Arslan
Degenerative joint diseases	1	Z Güven
Osteoporosis and metabolic bone diseases	1	Z Güven
Spinal deformities	1	A Atalay
Hand disorders	1	U Nalbantoğlu
Neck pain, diagnosis and treatment approaches	1	S Arslan
Rehabilitation of cerebral palsy and other pediatric disorders	1	S Arslan
Fracture treatment and surgical treatment techniques	1	A Gereli
Orthopedic rehabilitation	1	T Aydoğ
Rehabilitation of sports injuries	1	T Aydoğ

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
Eyelid	1	A R C Çelebi
Lacrimal drainage system	1	A R C Çelebi
Orbita and ocular tumors	1	E Altıparmak
Neuroophthalmology	1	E Altıparmak
Conjunctiva, episclera, sclera	1	C B Cosar
Retinal detachment and retinal vascular diseases	1	A Özkırış
Acquired macular diseases and hereditary fundus dystrophies	1	A Özkırış
Glaucoma	1	A R C Çelebi
Uveitis	1	E Kılavuzoğlu
Strabismus	1	E Kılavuzoğlu
Trauma	1	E Kılavuzoğlu
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 Pakış
Early and Late Postmortem changes	1	I Pakış
Crime Scene Investigation, Identification	1	I Pakış
Forensic death evaluation, Forensic autopsy	1	I Pakış
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 ELECTIVE CLERKSHIPS

SCHOOL OF MEDICINE

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. Ömer Faruk Ünal; omer.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. Eser VARDARELİ, M.D., Assoc. Prof. Aysun BOZBAŞ, M.D. Orhan TARÇIN, M.D., Prof. Bahattin ÇİÇEK, M.D., Prof. Arzu TİFTİKÇİ, M.D., Assoc. Prof.
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
General Surgery	5	MED 554	135	5	5

Prerequisite	None
Educational language	English
Course Type	Elective
Course Level	Undergraduate
Year Coordinators	Prof. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Assoc. Prof. Bilgi BACA
Clerkship sub-coordinators	Prof. Cihan URAS Instructor Deniz-Eren BÖLER
Academic Staff	Surgery: Assoc. Prof. Bilgi BACA Prof. Cihan URAS Instructor Deniz-Eren BÖLER
Duration	3 weeks
Aim	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	By the end of this course, students will be able to: <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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Halil İbrahim Canter, M.D. , Ph.D., Assoc. Prof.				
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., Assoc. 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 therapeutic 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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Prof. Alpay ÇELİKER Assist. Prof. Arda SAYGILI
Clerkship sub-coordinators	Arda SAYGILI, M.D., Assist.Prof. Murat ŞAHİN, M.D., Assist.Prof.
Academic Units & Staff	Pediatric Cardiology : Arda SAYGILI, M.D., Assist.Prof. Murat ŞAHİN, M.D., Assist..Prof.
Duration	3 weeks
Aim	This course will provide an introduction to the diagnosis and management of cardiovascular disease occurring in children. Special attention will be given to congenital heart disease. It will provide sample patient and imaging laboratory material in a setting of preceptored learning to facilitate development of skills in pediatric cardiology.
Learning Outcomes	At the end of this course students will be able to: - diagnose congenital and aquired heart disease; - interpret electrocardiograms; • - use the laboratory and echocardiography in cardiovascular diagnosis • - understand the clinical management of cardiovascular disease.
Educational Methods	Formal and informal didactic teaching conferences. Reading assignment: Myung Park Pediatric cardiology for practitioners.
Assessment Methods	discussion one a short paper that they wrote, one case presentation, participation, interest in course objectives.

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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; 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	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. Ömer Faruk Ünal; omer.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	At the end of this course students will be able to: <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. Ömer Faruk Ünal; omer.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, Assoc. 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: <ul style="list-style-type: none"> - 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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; 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. Veysel BALCI, M.D. Serkan ŞENER, M.D.Assoc. Prof.
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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Assist.Prof.Işın AKYAR
Academic Staff	Microbiology: Işın AKYAR, M.D., Assist. 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. Ömer Faruk Ünal; omer.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. A. Duran DEMİR, M.D., Prof. Sinan DAĞDELEN, M.D., Prof. Şevket GÖRGÜLÜ, M.D., Prof. İlke SİPAHİ, M.D., Prof. Ahmet AKYOL, M.D., Assoc. Prof. Seden ÇELİK, M.D., Assoc. Prof. Tansu KARAAHMET, M.D., Assoc. Prof. Ali BUTURAK, M.D., Instructor
Duration	3 weeks
Aim	Aims of the present course are as follows; <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> - 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. Ömer Faruk ÜNAL; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl PAKIŞ; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Pınar TOPSEVER, M.D., Assoc. Prof.
Clerkship Subcoordinators	Efe ONGENER Şirin PARKAN
Academic Units & Staff	Department of Family Medicine and academically affiliated family health units: Pınar TOPSEVER Efe ONGANER Demet DİNÇ Şirin PARKAN 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	Is 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. ÖmerFaruk Ünal; omer.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., Golabi P M.D., Instructor Yavuz B M.D., Assist.Prof.
Duration	3 weeks
Aim	This elective clerkship aims to give an opportunity to the student as follows; -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
Assessment Methods	Quiz (10- multi choice questions and scoring a PSG trace)

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
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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Nadi BAKIRCI, M.D., PhD., Prof. Çağlar ÇUHADAROĞLU, M.D., Prof
Clerkship Subcoordinator	Assoc. Prof. Figen DEMİR
Academic Units & Staff	Public Health Nadi BAKIRCI, M.D., PhD., Prof. Figen DEMİR, M.D., Assist., Prof. Pulmonary Diseases Çağlar ÇUHADAROĞLU, M.D., Prof Hilal ALTINÖZ, M.D.
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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Prof. Fevzi TORAMAN
Clerkship sub-coordinators	Assist. Prof. Z Serpil Ustalar OZGEN
Academic Units & Staff	Anesthesiology and Reanimation: Sibel AKÖZER, M.D, Assoc. Prof. Özcan ERDEMLİ, 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: <ul style="list-style-type: none"> • 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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; 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., Assoc. 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.

Learning Outcomes	<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
Educational Methods	<p>Interactive learning sessions Case Discussions Seminars Outpatient clinical skills Practice in the operating and laser surgery room</p>
Assessment Methods	<p>Clinical performance assessment</p>

CLERKSHIP	YEAR	CODE	Student Workload (Hours)	National Credits	ECTS
Neurosurgery -1 (Neurooncology)	5	MED 568	135	5	5
Prerequisite	For students who have completed Neurology and Neurosurgery clerkships				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş ; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Assoc.Prof. Koray ÖZDUMAN				
Clerkship sub-coordinators	Evrım Kadriye TEZCANLI, Instructor.				
Academic Staff	<p>Neurosurgery: M Necmettin PAMİR, Prof. Koray ÖZDUMAN, Assoc.Prof.</p> <p>Radiosurgery: Selçuk PEKER, M.D.,Prof.</p> <p>Radiation oncology: Evrım Kadriye TEZCANLI, Instructor</p> <p>Neuroradiology: Alp DİNÇER, Assoc.Prof.</p> <p>Pathology: M Aydın SAV, Prof.</p> <p>Molecular Biology-Genetics: Cemaliye Akyerli BOYLU, Assist.Prof.</p> <p>Endocrinology: Özlem Sezgin, Assist.Prof.</p>				
Duration	3 weeks				
Aim	To train medical students in comprehensive-multidisciplinary diagnosis, treatment and follow-up of malignancies of the nervous system. An emphasis on clinical and basic science research of neurological malignancies will also be given.				
Learning Outcomes	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • Diagnose and know treatment for neurooncological emergencies, • Be familiar with “state of the art” diagnostic techniques, • Be familiar with common neurooncological pathologies, their diagnosis and treatment, • Perform “critical reading” of clinical or research articles. 				
Educational Methods	<p>One on one practical lectures</p> <p>Clinical Skills (Inpatient care, outpatient clinics, practical surgery, radiation therapy, radiosurgery)</p> <p>Diagnostic clinics (Neuroradiology, Neuropathology, Molecular biology)</p> <p>Research seminars</p> <p>Student lectures</p>				
Assessment Methods	Students will be graded on an “Objective Clinical Performance Assessment” as honors student – satisfactory student or poor student.				

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. Ömer Faruk Ünan; omer.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: <ul style="list-style-type: none"> - 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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş ; 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	By the end of this course, students will be able to: <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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; 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: <ul style="list-style-type: none"> - 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 observership, 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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; 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	<ul style="list-style-type: none"> • To elaborate on the principles of nuclear medicine techniques and the usage of radioactivity in medicine • To focus is on the diagnosis of patients with oncologic disease • 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
Clinical Biochemistry	5	MED 573	135	5	5

Prerequisite	None
Educational language	English
Course Type	Elective
Course Level	Undergraduate
Year Coordinators	Prof. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Prof. Mustafa SERTESER
Academic Units & Staff	Clinical Biochemistry: Mustafa SERTESER, M.D., Prof. Fehime BENLİ AKSUNGAR, Assoc. Prof. Abdurrahman COŞKUN, Assoc. Prof. Muhittin SERDAR, 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
Physiology - Laboratory animals in research	5	MED 574	135	5	5
Prerequisite	None				
Educational language	English				
Course Type	Elective				
Course Level	Undergraduate				
Year Coordinators	Prof. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	Prof. Güldal SÜYEN				
Academic Units & Staff	Department of Physiology: Melike ŞAHİNER, M.D., PhD, Assist. Prof. Mehmet ERGEN, DVM., PhD, Assist. Prof. Meltem KOLGAZİ, MD., PhD, Assist. Prof.				
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	Seminars Discussion hours Journal club Hands on training				
Assessment Methods	Presentations Research proposal Written exam				

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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiç; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Prof. Tanıl KOCAGÖZ
Clerkship Subcoordinators	Assoc. 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	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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakişi; isil.pakis@acibadem.edu.tr
Clerkship Coordinator	Ümit İnce Prof, MD. Özlem Aydın Assoc. Prof, MD
Academic Staff	Pathology: All officially registered academic pathology staff.
Duration	3 week
Aim	Aims of the present course are as follows; <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	By the end of this course, students will be able to: <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
Orthopedics and Traumatology	5	MED 578	135	5	5

Prerequisite	
Educational language	English
Course Type	Elective/Compulsory
Course Level	Undergraduate
Year Coordinators	Işıl Pakiş
Clerkship Coordinator	Cem Alhan
Clerkship sub-coordinators	Sahin Senay Ahmet Ümit Güllü
Academic Units & Staff	Acibadem University School of Medicine Department of Cardiovascular Surgery
Duration	3 weeks
Aim	To train in basic surgical techniques in cardiovascular surgery
Learning Outcomes	By the end of this course: -Student will learn the basic disciplines in operation theatre including scrubbing and sterility conditions. -Student will be able to know basic cardiovascular structure. They will learn not only the hemodynamic features of the physiological circulation but also basic concepts of artificial maintenance of circulation via cardiopulmonary bypass machine. -Student will demonstrate the knowledge of indications, limitations, risks and techniques of basic cardiovascular operations including coronary bypass, valve procedure, aortic procedure with both conventionally and minimal invazive techniques. - Student will learn the basic clinical principals in case of emergency cardiovascular diseases. -Student will learn the approach to the patients with peripheral vascular (arterial-venous) diseases.
Educational Methods	Case presentations, small group discussions, patient side training, operation room & intensive care unit observership, literature review, participating in clinical studies
Assessment Methods	Oral exam

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. Ömer Faruk Ünal; omer.unal@acibadem.edu.tr Assoc. Prof. Işıl Pakiş; isil.pakis@acibadem.edu.tr				
Clerkship Coordinator	İbrahim Bildirici,Prof, MD				
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	
Educational language	English
Course Type	Elective/Compulsory
Course Level	Undergraduate
Year Coordinators	Ömer Faruk Ünal, Işıl Pakiş
Clerkship Coordinator	Çağlar Çuhadaroğlu
Clerkship sub-coordinators	Haluk C.Çalışır ,Pelin Uysal
Academic Units & Staff	Acıbadem University School of Medicine Department of Pulmonary Medicine
Duration	3 weeks
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



ACIBADEM
UNIVERSITY



№3

13 12



2014-2015 YEAR 6

SCHOOL OF MEDICINE

YEAR 6 INTERNSHIP CREDITS

CLERKSHIPS	Duration (Weeks)	National credits	ECTS
Orientation (Simulated 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

GROUPS

A	Orientation (Simulated Practice) (Jun 30-Jul 06 2014)	Obstetrics & Gynecology (Jul 7- Agu 3 2014)	Pediatrics (Agu 4-Sept 28 2014)	Community Health & Primary Care (Sept 29-Nov 23 2014)	Psychiatry (Nov 24-Dec 21 2014)
B	Orientation (Simulated Practice) (Jun 30-Jul 06 2014)	Internal Medicine (Jul 7- Agu 31 2014)	Obstetrics & Gynecology (Sept 1-Sept 28 2014)	Emergency Medicine (Sept 29-Nov 23 2014)	General Surgery (Nov 24-Dec 21 2014)
C	Orientation (Simulated Practice) (Jun 30-Jul 06 2014)	Community Health & Primary Care (Jul 7- Agu 31 2014)	Psychiatry (Sept 1-Sept 28 2014)	Obstetrics & Gynecology (Sept 29-Oct 26 2014)	Pediatrics (Oct 27-Dec 21 2014)
D	Orientation (Simulated Practice) (Jun 30-Jul 06 2014)	Emergency Medicine (Jul 7- Agu 31 2014)	General Surgery (Sept 1-Sept 28 2014)	Internal Medicine (Sept 29-Nov 23 2014)	Obstetrics & Gynecology (Nov 24-Dec 21 2014)

GROUPS

A	Emergency Medicine (Dec 22 2014- Feb 15 2015)	General Surgery (Feb 16- Mar 15 2015)	Internal Medicine (Mar 16-May 10 2015)	Elective (May 11-Jun 28 2015)
B	Community Health & Primary Care (Dec 22 2014- Feb 15 2015)	Psychiatry (Feb 16- Mar 15 2015)	Pediatrics (Mar 16-May 10 2015)	Elective (May 11-Jun 28 2015)
C	Internal Medicine (Dec 22 2014- Feb 15 2015)	Emergency Medicine (Feb 16- Apr 12 2015)	General Surgery (Apr 13-May 10 2015)	Elective (May 11-Jun 28 2015)
D	Pediatrics (Dec 22 2014- Feb 15 2015)	Community Health & Primary Care (Feb 16- Apr 12 2015)	Psychiatry (Apr 13-May 10 2015)	Elective (May 11-Jun 28 2015)

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.Alpay ÇELİKER Assoc. Prof. Arzu TİFTİKÇİ
Clerkship Coordinators	Prof.İlke SİPAHİ 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 SARUÇ, M.D., Prof Şebnem AKTARAN, M.D., Prof Abdullah BÜYÜKÇELİK , M.D., Prof Bahattin ÇİÇEK, M.D., Prof Siret RATİP, 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., Assoc. Prof. Bülent ORHAN, M.D., Assoc. Prof. Berrin KARADAĞ, M.D., Assoc. Prof. Ender ARIKAN, M.D., Assoc. Prof. Ülkem ÇAKIR , M.D., Assoc. Prof. Adnan GÖKÇEL, M.D., Assoc. Prof. Arzu TİFTİKÇİ, M.D., Assoc. Prof. Bülent ORHAN, M.D., Assoc. Prof. Bülent DEĞERTEKİN, M.D., Assoc. Prof. Eser VARDARELİ, M.D., Assoc. Prof. Ozdal ERSOY , M.D., Assoc. Prof. Nurten TÜRKEL KÜÇÜKMETİN, M.D., Assist. Prof. Ant UZAY, M.D., Assist. Prof. Mehmet KARAARSLAN, M.D., Assist. Prof. Özlem ÇELİK, M.D., Assist. Prof.</p> <p>Pulmonary Diseases çağlar ÇUHADAROĞLU, M.D., Prof Reha BARAN, M.D., Assoc. Prof. Celaleddin Haluk ÇALIŞIR, M.D., Assoc. Prof. Ceyda Erel KİRİŞOĞLU, M.D., Assoc. Prof. Pejman GOLABİ M.D., Instructor Süha ALZAFER M.D., Instructor Hilal ALTINÖZ M.D., Instructor</p>

Academic Units & Staff	<p>Infectious Diseases Ayşe Sesin KOCAGÖZ, M.D., Prof Hülya KUŞOĞLU M.D., Instructor</p> <p>Cardiology Sinan DAĞDELEN, M.D., Prof Sevket GÖRGÜLÜ, M.D., Prof Mustafa Kemal BATUR, M.D., Prof Ahmet Duran DEMİR, M.D., Prof Ergün SEYFELİ, M.D., Prof İlke SİPAHİ, M.D., Prof Tuğrul NORGAZ, M.D., Prof Ahmet AKYOL, M.D., Assoc. Prof. Seden ÇELİK, M.D., Assoc. Prof. Tansu KARAAHMET, M.D., Assoc. Prof. Ali BUTURAK, M.D., Assist. Prof. Gülcan ABALI, M.D., Assist. Prof Aleks DEĞİRMENCİOĞLU , M.D., Instructor</p>
Educational Methods	Paper/ Lecture Case Discussions, Bed Side Training, Out-Patient Clinics, Attendance to multidisciplinary meeting, Case Discussions, Paper presentation and discussion,
Assessment Methods	Case discussions, Patient reports recorded by students, journal club presentation DOPS (Direct Observation of Practical Skills)
Aims	<p>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;</p> <ol style="list-style-type: none"> 1. To focus on the diagnosis and management of patients with acute and chronic medical disease under close supervision of faculty. 2. To become familiar with humanistic and ethical considerations involved in patient care. 3. To develop conduct and behavior appropriate for a medical professional.
Learning Outcomes	<p>At the end of this program the interns will be able to;</p> <ul style="list-style-type: none"> - 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.Alpay Çeliker Assoc. Prof. Arzu Tiftikçi
Clerkship Coordinators	Assoc. Prof. Bilgi Baca
Academic Units & Staff	Cihan Uras, M.D., Prof. Ibrahim Berber, M.D., Assoc.Prof. Bilgi Baca, M.D., Assoc. Prof. Deniz Eren Böler, M.D. Assoc. Prof., Ilknur Erguner, M.D., Instructor Ercument Gurluer, M.D., Instructor
Educational Methods	Case Discussions, Bedside Training, Paper/ Lecture Presentation and Discussion, Incorporation to Surgical Procedures, Out-Patient Clinics, Attendance to multidisciplinary meeting,
Assessment Methods	Failure to sign will be interpreted as absence. 80 % absence 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.
Course Aims	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. 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. Each student is expected to: - 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.

<p>Learning Outcomes</p>	<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. <ul style="list-style-type: none"> - Acute Abdomen - 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 <ul style="list-style-type: none"> - Suturing - Suture Removal - Abscess Drainage - Placement of Urinary Catheter - Placement of Nasogastric Tube - IV Line Insertion - Wound Care - Stoma Care
---------------------------------	--

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. Alpay ÇELİKER Assoc. Prof. Arzu TİFTİKÇİ
Clerkship Coordinators	Selda POLAT, M.D., PhD, Assoc. Prof.
Academic Units & Staff	<p>Pediatric Cardiology Alpay ÇELİKER, M.D., Prof. Arda SAYGIL, 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., 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
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>

Learning Outcomes	At the end of this program, interns will be able to: <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.Alpay ÇELİKER Assoc. Prof. Arzu TİFTİKÇİ
Clerkship Coordinators	Assoc. Prof .Korhan KAHRAMAN
Academic Units & Staff	Mete GÜNGÖR, M.D., Prof. Tansu KÜÇÜK, M.D., Prof. Tayfun BAĞIŞ, M.D., Prof. Özlem PATA, M.D., Prof. İbrahim BİLDİRİCİ, M.D., Prof. Cem BATUKAN, M.D., Prof. Serkan ERKANLI, M.D., Prof. Hüsnü GÖRGEN, M.D., Assoc.Prof. Derya EROĞLU, M.D., Assoc.Prof. Dr.Esra ÖZBAŞLI, M.D., Instructor
Educational Methods	Case Discussions, Paper presentation and discussion, Bed side training, Assisting deliveries, Gowning for surgeries, Labor and delivery 24 hour calls (5 calls/month), Practice in operating and delivery room, Shadowing an attending for daily activities (outpatient clinic, surgeries and postoperative visits)
Assessment Methods	Failure to sign in will be interpreted as absence; ≥20 % absence requires repeating the course, Attendance to clinics and compliance, Patient care, Case Presentations Paper/ Lecture presentations, Attitude during rounds
Aims	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. Interns are expected to; <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

<p>Learning Outcomes</p>	<p>:</p> <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/bi-manual) - 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.
---------------------------------	--

Clerkship	Year	Code	Duration (week)	Credit	ECTS
Psychiatry	6	MED 605	4	4	4

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Alpay ÇELİKER Assoc. Prof. Arzu TİFTİKÇİ
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 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 practitioner or refer to a specialist.

Clerkship	Year	Code	Duration (week)	Credit	ECTS
Community Health and Primary Care	6	606	8	8	10
Educational Language	None				
Course Type	English & Turkish				
Course Level	Obligatory				
Year Coordinators	Prof. Alpay ÇELİKER Assoc. Prof. Arzu TİFTİKÇİ				
Clerkship Coordinators	Prof. Dr. Nadi BAKIRCI Assoc. Prof. Dr. Pınar TOPSEVER				
Academic Units & Staff	<p>Public Health: Nadi BAKIRCI, M.D., Prof Figen DEMİR, M.D., Assist. Prof. Yeşim YAŞIN, MA., MSc, Instructor</p> <p>Field Trainers in Primary Health Care</p> <p>Family Medicine: Dr. Pınar TOPSEVER, M.D., Assoc. Prof. Demet DİNÇ Filed Trainers in Primary Health Care</p>				
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; 				

Learning Outcomes	<ul style="list-style-type: none"> • 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 check-lists</p>

Clerkship	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.Alpay ÇELİKER Assoc. Prof. Arzu TİFTİKÇİ				
Clerkship Coordinators	Cem Gün, M.D.				
Academic Units & Staff	Özgür KARCIOĞLU , M.D., Prof. Serkan ŞENER, M.D., Assoc. Prof. Serpil YAYLACI, M.D., Assist. Prof. Veysel BALCI, M.D. Cem GÜN, M.D.				
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 				
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.
--------------------------	---

Clerkship	Year	Code	Duration (week)	Credit	ECTS
Elective	6	6	7	7	7

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof.Alpay Çeliker alpay.celiker@asg.com.tr Assoc. Prof. Arzu Tiftikçi arzutiftikci@hotmail.com
Committee Chairs	
Academic Units & Staff	
Course Duration	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

U N I V E R S I T Y

www.acibadem.edu.tr

SCHOOL OF MEDICINE