



ACIBADEM
UNIVERSITY

2019-2020
CURRICULUM
BOOK
SCHOOL OF
MEDICINE



ACIBADEM
UNIVERSITY

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



MESSAGE FROM THE RECTOR



Dear Students,

I would like to welcome all students to the 2019-2020 academic year here at Acibadem University School of Medicine (ACUSoM). 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 ŞAHİN
Rector

MESSAGE FROM THE DEAN



Dear Students and Faculty,

Welcome to a new academic year! Acıbadem School of Medicine (ACUSoM) proudly celebrated its fifth graduates June 29, 2019. We are so proud of all alumni who are already in active duty in various residency programs, primary care and basic science settings. Some flew away, sending us news on their accomplishments abroad. We wish them all the best of luck and promise to remain home for all in the future. The circle of education continues as we welcome many bright students each year. We welcome them to our family of nearly 600 students and 300 faculty members. We are all thrilled to see our students grow to become a body of learner-thinker medicine enthusiasts.

2017 was a landmark year for ACUSoM. Our Medical Education Program is now accredited by TEPDAD (The Association for the Evaluation and Accreditation of Medical Education Programs). TEPDAD is itself accredited by World Federation for Medical Education (WFME) giving our Educational Program an international validation. 2018 was the year we published and shared our 5-year Strategic Plan (2018-2022). We revised our vision and mission statements.

Our Vision;

To be one of the Turkey's and the world's the most preeminent medical schools, providing education, research and services which are robust, pioneering and innovative.

Our Mission;

Is to provide medical education adhering to globally recognized standards, by means of our internationally accredited program. Our equally important aim is to train professional physicians and scientists who are analytical, dedicated, ethical, socially and environmentally aware and equipped to give the best possible healthcare. They should also be able to establish an innovative and enterprising globally accepted scientific research environment, make contributions in the field of human health and science, using products and employing methods developed through the basic sciences and by clinical research. Finally, our medical graduates should be able to provide state-of-the art, patient-oriented healthcare, scientifically proven and complying with ethical standards.

In 2019, we focused on re-visiting Phase-2 (Clerkship Years) program, organized workshops to discuss graduate competencies for the future.

What's new this year?

Phase 1 (year 1-2-3) of our education takes place in Kerem Aydınlar Campus, while Phases 2-3 (Clerkships and Internship year) are in Acıbadem Atakent and Maslak Hospitals as before.

In this year's curriculum you will find basic science and clinical concepts integrated in a streamline. Phase 1's refined program will be in its third year. Those already in Phase 1 (Years 2-3) will notice the fine-tuning in order to reach our revised goals. CMPS (Clinical Medicine Professional Skills) tract provides skills to become a lifelong researcher and cross-disciplinary thinker. It also provides the professional, ethical and social tools to the art of medicine. The clinical procedural skills applied using modalities in our Clinical Simulation Center (CASE) continue to expand.

"Electives in Medicine" program introduced two years ago to guide students in specific areas of personal interest has been a great success.

Bioinformatics, is now fully integrated into medical sciences along with fundamental biostatistics.

With distinguished new faculty on board we made a fresh start with our Medical English Program last year. This year we will work on enhancing the curriculum.

Phase 3 calendar is different than last year with changes made in content. Integration of CASE into clerkships has doubled in the last two years and will continue. The highlight of Year 3 in 2019 is TCC (Transition to Clinical Clerkship). We are very excited about this new program.

Sustainability of quality of our education demands that we continue with refinement and fine-tuning in the 2019-2020 Academic Year. As always, we value your ideas and feedback. We urge you to participate at all levels.

It is a fascinating period to both teach and study medicine... We look forward to enjoy learning along with you!

Best wishes,

Prof. Dr. Yasemin Alanay

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, economic 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 Vision

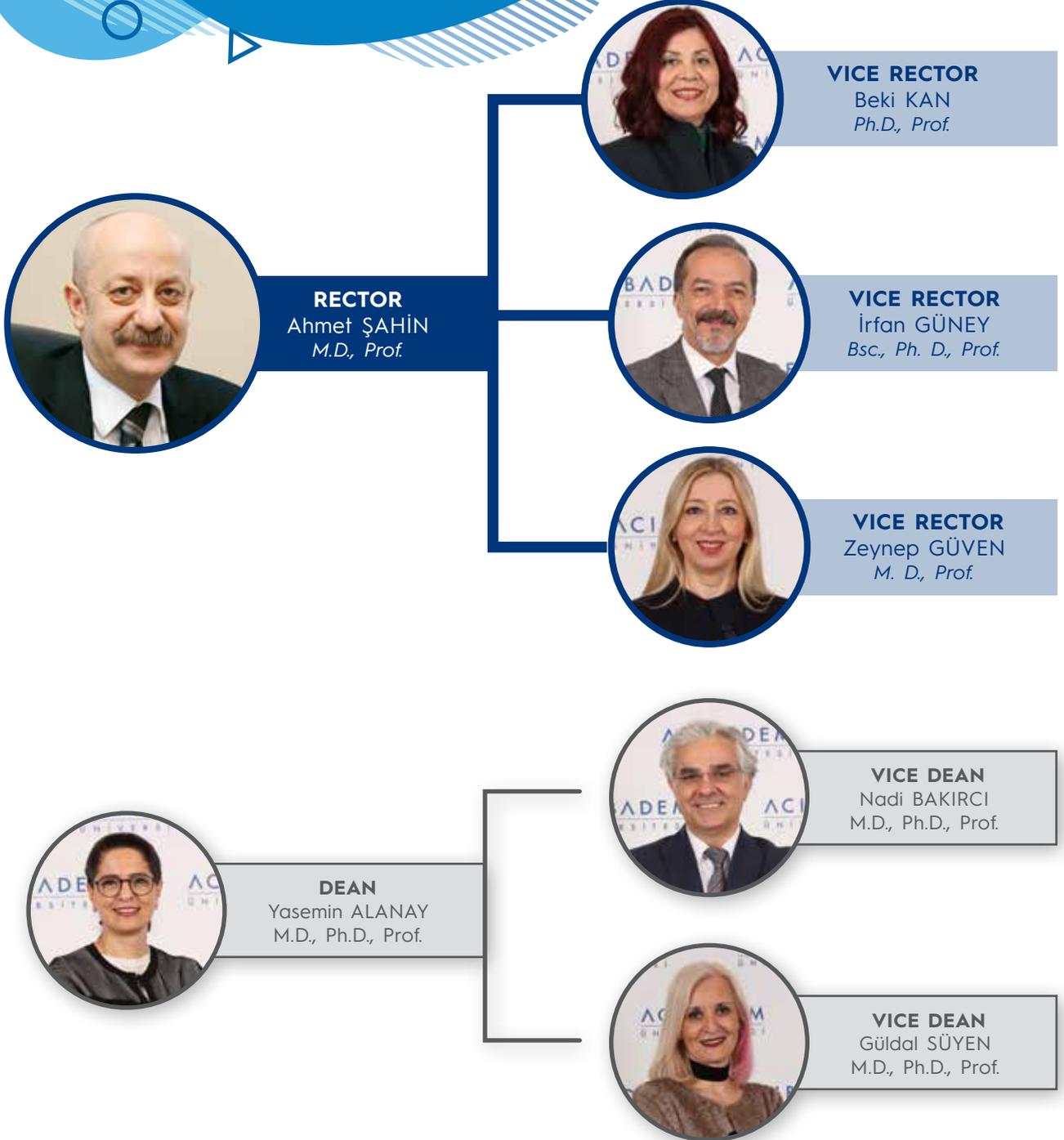
To be one of Turkey's and the world's the most preeminent medical schools, providing education, research and services which are robust, pioneering and innovative.

Our Mission

Our mission is to provide medical education adhering to globally recognized standards, by means of our internationally accredited program. Our equally important aim is to train professional physicians and scientists who are analytical, dedicated, ethical, socially and environmentally aware and equipped to give the best possible healthcare. They should also be able to establish an innovative and enterprising globally accepted scientific research environment, make contributions in the field of human health and science, using products and employing methods developed through the basic sciences and by clinical research.

Finally, our medical graduates should be able to provide state-of-the art, patient-oriented healthcare, scientifically proven and complying with ethical standards.

ADMINISTRATIVE ORGANIZATION



ACADEMIC UNITS



DEPARTMENTS OF BASIC SCIENCES

Beki KAN
Ph.D., Prof.

DEPARTMENTS

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



DEPARTMENTS OF MEDICAL SCIENCES

Zeynep GÜVEN
M.D., Prof.

DEPARTMENTS

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



DEPARTMENTS OF SURGICAL SCIENCES

Metin TÜRKMEN
M.D., Prof.

DEPARTMENTS

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

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COORDINATORS OF MEDICAL EDUCATION

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



Yeşim GÜROL

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



Bilgi BACA

Özgür KURT

YEAR 1 COORDINATORS



Emel TİMUÇİN



Deniz YÜCEL



Özden HATIRNAZ NG

YEAR 2 COORDINATORS



Zeynep DURER



Beste KINIKOĞLU EROL

YEAR 3 COORDINATORS



Emel BALOĞLU



Hande YAPIŞLAR

YEAR 4 COORDINATORS



Özlem PATA



Ayşe KORKMAZ TOYGAR

YEAR 5 COORDINATORS



Işıl PAKIŞ



Ürün ÖZER

YEAR 6 COORDINATORS



Bilgi BACA



Sevgi ŞAHİN

YEAR 1 CLINICAL MEDICINE and PROFESSIONAL SKILLS (CMPS) PROGRAM COORDINATORS



Pinar TOPSEVER



Figen DEMİR

ELECTIVES IN MEDICINE (EMED) PROGRAM COORDINATORS



Levent ALTINTAŞ



Fatih ARTVİNLİ



Sinem ÖKTEM
OKULLU

COORDINATORS of MEDICAL ENGLISH COURSES



Pinar TOPSEVER



Sesin KOCAGÖZ

COORDINATOR of SIMULATED CLINICAL SKILLS TRAINING



Dilek KİTAPÇIOĞLU

COORDINATOR of STUDENT CENTERED LEARNING ACTIVITIES



Melike ŞAHİNER

**ACIBADEM UNIVERSITY SCHOOL OF MEDICINE
COORDINATORS OF MEDICAL EDUCATION (2019-2020)**

YEAR 1 Biomedical Subject Committee (BSC) Chairs	YEAR 2 Biomedical Subject Committee (BSC) Chairs	YEAR 3 Biomedical Subject Committee (BSC) Chairs	YEAR 4 Clerkship Chairs	YEAR 5 Clerkship Chairs	YEAR 6 Internship Chairs
Molecular and Cellular Medicine-I Cemaliye AKYERLİ BOYLU Yasemin UÇAL	Cell and Tissue Injury-II Neval YURTTUTAN UYAR Özgür ASAR	Cardiovascular System and Related Diseases Elif EROĞLU BÜYÜKÖNER Mehmet ERGEN	Internal Medicine Gül BAŞARAN Leyla ÖZER	Neurology Murat AKSU Pınar YALINAY DİKMEN	Internal Medicine Sibel GÜNDEŞ Fatih Oğuz ÖNDER
Molecular and Cellular Medicine-II Emel TİMUÇİN Yeşim BEŞLİ	Musculoskeletal System and Related Disorders Umut AKGÜN Meltem KOLGAZİ	Respiratory System and Related Disorders Öner DİKENSÖY Nihan ÜNÜBOL	Surgery Bilgi BACA Erman AYTAÇ	Neurosurgery Koray ÖZDUMAN Mustafa GÜDÜK	General Surgery Bilgi BACA Erman AYTAÇ
Cell and Tissue Injury-I Melike ŞAHİNER Özden HATIRNAZ NG	Nervous System and Related Diseases Mustafa SEÇKİN Sinem ÖKTEM OKULLU	Gastrointestinal System and Related Disorders Bülent DEĞERTEKİN Elif Nedret KESKİNÖZ	Obstetrics and Gynecology A. Cem BATUKAN Talat Umut Kutlu DİLEK	Psychiatry Burcu YAVUZ GÖKSAN Ürün ÖZER	Pediatrics Metehan ÖZEN, Burcu BULUM AKBULUT
Blood and Immunity Devrim ÖZ ARSLAN Merve AÇIKEL ELMAS	Growth, Development and Endocrine Disorders Müjdat KARA Nihan ÜNÜBOL	Urogenital System and Related Disorders Serkan ERKANLI Dilek KİTAPÇIOĞLU	Pediatrics and Pediatric Surgery Ayşe KORKMAZ TOYGAR Burak TANDER Serdar BEKEN	Otolaryngology-Head and Neck Surgery Melih Güven GÜVENÇ Elif AKSOY	Obstetrics and Gynecology Suat DEDE Murat NAKİ
		YEAR 3 Transition to Clinical Clerkship (TCC) Chairs Demet DİNÇ Dilek KİTAPÇIOĞLU	Cardiovascular Medicine Ersin EREK Aleks DEĞİRMENCİOĞLU	Ophthalmology Banu COŞAR Ali Rıza Cenk ÇELEBİ	Psychiatry Ürün ÖZER
YEAR 1 CMPS Course Chairs	YEAR 2 CMPS Course Chairs	YEAR 3 CMPS Course Chairs		Dermatology Dilek BIYIK ÖZKAYA Gamze ERFAN	Community Health and Primary Care Pınar TOPSEVER Figen DEMİR
Research in Health-I Figen DEMİR	Research in Health-II Figen DEMİR	Evidence Based Medicine Figen DEMİR		Radiology Eşref KIZILKAYA Koray GÜVEN	Emergency Medicine Serpil YAYLACI Cem GÜN Hasan ALDİNÇ
Medical Ethics and Humanities-I Yeşim Işıl ÜLMAN	Medical Ethics and Humanities-II Yeşim Işıl ÜLMAN	Health and Society-II Yeşim YASİN		Orthopedics and Traumatology and PMR Alper KAYA Şule ARSLAN Meral BAYRAMOĞLU Ata Can ATALAR Salih MARANGOZ Can GEMALMAZ Tekin Kerem ÜLKÜ	Simulated Clinical Practice Dilek KİTAPÇIOĞLU
Communication Skills Dilek KİTAPÇIOĞLU Şirin PARKAN				Forensic Medicine Işıl PAKIŞ	
Health and Society-I Yeşim YASİN				Urology Saadettin ESKİÇORAPÇI Selçuk KESKİN	

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ACADEMIC STAFF BASIC SCIENCES

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

ANESTHESIOLOGY AND REANIMATION

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Aslıhan Sanem ÖZATA M.D., Instructor*
Müzeyyen İYİĞÜN M.D., Instructor*

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Zeynep Aslıhan DURER, Ph.D., Assoc. Prof.*
Evren KILINÇ, Ph.D., Assist. Prof.

BIostatISTICS AND MEDICAL INFORMATICS

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Özgür ASAR, Ph.D., Assist. Prof.

CARDIOLOGY

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Mustafa Ertuğrul MERCAN, M.D., Instructor

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INFECTIOUS DISEASES

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Sibel GÜNDEŞ, M.D., Prof.
Hülya KUŞOĞLU, M.D., Assist. Prof.*

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Nurdan TÖZÜN, M.D., FRCP, Prof.
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Cem AYGÜN, M.D., Prof.

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Berrin KARADAĞ, M.D., Prof.*

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Tanıl KOCAGÖZ, M.D., Ph.D., Prof.
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Nihan ÜNÜBOL, Ph.D., Instructor*

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Fatma TOKAT, M.D., Assist. Prof.

MEDICAL PHARMACOLOGY

İsmail Hakkı ULUS, M.D., Prof.*
Emel BALOĞLU, M.D., Assoc. Prof.

NEUROLOGY

Ayşe SAĞDUYU KOCAMAN M.D., Prof.
Murat AKSU, M.D., Prof.
Nazire AFŞAR, M.D., Prof.
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Kahraman Berkhan YILMAZ, M.D., Assist. Prof.
Emine Çiğdem KARADAĞ, M.D., Assist. Prof.
Altuğ ALTINKAYA, M.D., Assist. Prof.

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Ceyda Erel KIRIŞOĞLU, M.D., Prof.
Reha BARAN, M.D., Prof. *
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İkbal Esen AYDINGÖZ, M.D., Prof.
Engin SEZER, M.D., Prof.
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Özgür Mutlu ULUS KARADAĞ, Ph.D, Assist. Prof.

MEDICAL ENGLISH

Pınar TOPSEVER, M.D., Prof.
Sesin KOCAGÖZ, M.D., Prof.

TURKISH LANGUAGE & LITERATURE

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

PSYCHOLOGY

İlyas GÖZ, Ph.D., Prof.

DEAN'S OFFICES



Semra ÖZTÜRK

FACULTY SECRETARY



Fatma DALDI

DEAN'S ASSISTANT

Medical Education Coordination Office



Seda ÇAKIR
Ataşehir-Campus



Merve KUŞDAN
Maslak Hospital



Leyla KARAHAN HIZ
Atakent Hospital



Eda ARSLAN
Atakent Hospital

Office of Student Affairs



- Dilek DÜZGÜNOĞLU (Chief)
- Aslıhan AYDIN
- Esmâ Burcu DUYAN
- Fatma PINARBAŞ BAYKAL
- Kübra ÖZTÜRK
- Ayşen DEMİRLİ
- Gözde PEHLİVAN
- Simge GAMLI
- Cem MEDE

LIBRARY



Ayça MAZLUMOĞLU (Manager) • Öznur KADDER (Library Specialist) • Ezgi KARADUMAN (Library Assistant Specialist) • Sibel AKIN (Librarian) • Nurcan KANAT (Librarian) • Yusuf NAR (Library Staff)

The library facility in Acıbadem Mehmet Ali Aydınlar University welcomes both students and staff in the space of 1273-square meter, with 25 computers, seating capacity for 316 people, 14 group study and project study rooms and a cozy environment.

Resources on medicine and health sciences are classified according to the National Library of Medicine (NLM) Classification System, while Library of Congress (LC) Classification System is used for the resources in the general collection. All printed resources in the library collection can be searched through the library catalog and all electronic resources can be searched 24/7 through a single interface using EBSCO Discovery Service.

The Central Library is open 24/7 during academic year.

The library has 17.236 printed materials and online access to 36.700 e journals and 11.320 e-books via Clinical Key, MEDLINE Complete, CINAHL Complete, EBSCOhost, IEEE, Ovid, Science Direct, Taylor& Francis, Springerlink, Wiley Online Library, Nature, JSTOR; Proquest Dissertation& Thesis, Emerald, Palgrave Macmillan Journals, SciFinder, Web of Science and Scopus databases.

There are two branch libraries at the Atakent and Maslak University Hospitals in addition to Central Library. For more details about library resources, services and facilities please visit the library website: <http://library.acibadem.edu.tr>

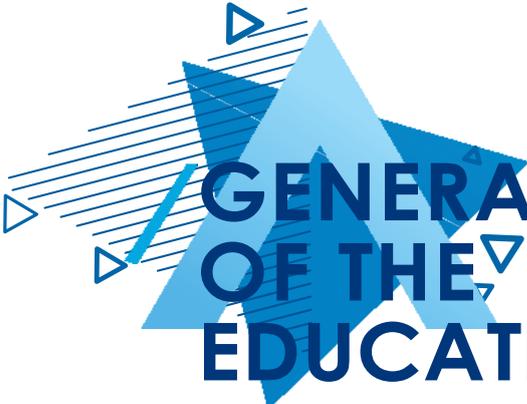
INTERNATIONAL OFFICE



- Prof. Dr. Beki KAN
- Gamze KEMERLİ
- G. Müjde BAŞAR

Acibadem Mehmet Ali Aydınlar University is a modern, dynamic, innovative and thematic university on healthcare. Our university values the Erasmus+ Programs as a means to integrate with the contemporary world. After receiving the ERASMUS Charter in 2009, Acibadem Mehmet Ali Aydınlar University cooperated with a number of Europe's most notable universities and every year increasing the number of inter-institutional agreements. School of Medicine students have many EU funded mobility opportunities - studying or doing an internship abroad- under the framework of Erasmus+ Mobility Program. Within the Erasmus+ Mobility of Individuals, opportunities are also provided for academic and administrative staff to undertake a learning and/or professional experience in another country.

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.



GENERAL DESCRIPTION OF THE MEDICAL EDUCATION PROGRAM

Medium of instruction at Acıbadem Mehmet Ali Aydınlar University School of Medicine is English. Students who are admitted to medical school must pass the English Language Proficiency Examination or present equivalent proof of exam scores (TOEFL, etc.). Students who fail the exam should attend English preparatory program.

The medical education program features three phases:

- ✓ **Phase I:** *Basic and Clinical Sciences (Years 1-3)*
- ✓ **Phase II:** *Clinical Clerkship (Years 4 and 5)*
- ✓ **Phase III:** *Internship (Family Medicine) (Year 6)*

The education is based on an integrated curriculum. In this program, systems within the human body are described from the simplest unit, the cell, to more complex systems including pathologies, in biomedical subject committees (BSC), which means that topics of a given subject like “cell” or “organ systems” are described in a coordinated manner by different departments. BSC contain not only theoretical or laboratory lectures, but also panels many student-centered learning activities such as flipped classrooms, problem-based learning (PBL) and task-based learning (TBL) sessions.

In Phase I, groups of BSC form a whole curriculum for a given year. Integrated programs within the BSC provide participation of basic and clinical sciences to teach a particular organ system. For example, all aspects of gastrointestinal system are presented with the contributions of both basic sciences (such as anatomy, physiology, biochemistry and microbiology) and clinical sciences (pathology, radiology and internal medicine) during the BSC on gastrointestinal system. Thus, BSC provide information about the normal structure and function of the organ systems, the pathological changes within these systems and clinical knowledge necessary to explain the physio-pathological processes that lead to development of selected index diseases. In Phase I, the curriculum consists of a total of 12 BSCs; distributed equally to Years 1, 2 and 3.

This year, a unique BSC is added to the Curriculum of Year 3: “Transition to Clinical Clerkships” (TCC). It starts after the end of the Final Exam and success in TCC will be required to start Phase II clerkships.

Clinical Medicine and Professional Skills (CMPS) Program is a three-year long interdisciplinary program in Phase I. This program is organized by various disciplines and comprised of four main tracks: Clinical and Communicational Skills, Health and Society, Research in Health, and Medical Ethics and Humanities. The CMPS program has been designed as an initial introduction to medical professionalism, providing a tool box of both knowledge and skills. The objectives of this program are to present basic professional skills and competencies of medical students, which are essential for good medical practice, and to enhance their personal and social development through fostering their intellectual skills and humanistic values. A more detailed description of the CMPS Program can be found on the following pages.

Phase I also includes Complementary Medical Courses (CMCs), which are Biostatistics, Bioinformatics, Medical English and Electives in Medicine.

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

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

EXAMINATIONS and GRADING SYSTEM

Each BSC in Phase I features at least one multiple choice type written examination during and/or at the end of the course. Practical examinations, assessments in PBL and TBL sessions also contribute to the BSC grade. The assessment methods for a given BSC, including the participation ratio of each method to the BSC grade, are described in detail in the introduction lectures of each BSC.

All students attend the Final Examination at the end of the Curriculum Year. Final Examination consists of questions from all BSCs presented during the year. Year grade of

each student is calculated by adding 60% of the average of their BSC grades to 40% of their Final Grade. If this total is 60 or more, the student is proficient to pass to the next grade; however, if the sum is below 60, the student should attend the Make-Up Examination, which also contains questions from the lectures of the present year. Again, the sum of the 60% of the average of their BSC grades and 40% of the Make-Up exam should reach 60 for the student to pass.

CMPS courses have separate assessment plans and grading systems, according to their learning outcomes. At the end of each year, a final exam is held featuring all subjects given throughout the year. CMPS grade of each student is calculated by adding 70% of the average of their CMPS grades throughout the year to 30% of their Final Grade. Year Students with the grades below 60 should attend Make-Up Examination of CMPS.

Getting an average grade of 60 or more from both the BSC and CMPS courses is a must. Failure in one or the both requires the repetition of the same year.

For TCC in Year 3, students are evaluated according to their performances during the program and will be graded either as “successful” or “unsuccessful”. Success in TCC is obligatory to pass to Phase II clerkships, and full attendance to sessions is required.

For years 4 and 5, students are graded according to their performances in written and/oral examinations as well as their professional skills gained during the clerkship. Assessment plans vary according to departments and declared in the introduction lecture of each clerkship period.

Students could take the clerkships of the 5th and 6th years after successfully completing the clerkships of 4th and 5th years, respectively.

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. For each course, every 14 theoretical hours or 28 practical hours are assigned to one credit. ECTS credits are calculated according to the workload of students (featuring theoretical, practical hours and study time).

For further information, please consult the “Undergraduate Education” on the official website of the School of Medicine (www.acibadem.edu.tr).

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 via simulated patient encounters. In the third year, the ***“Advanced Communication Skills”*** course will foster the students’ ability to master challenging situations requiring specific communication skills like difficult patient encounters, initiating behaviour change with brief intervention/motivational interviewing and breaking bad news.

“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 learning environment which will enhance 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 task based and problem-based learning, team-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, individual and Group/Team Readiness Assessment Test, 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 for students 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 135 students.

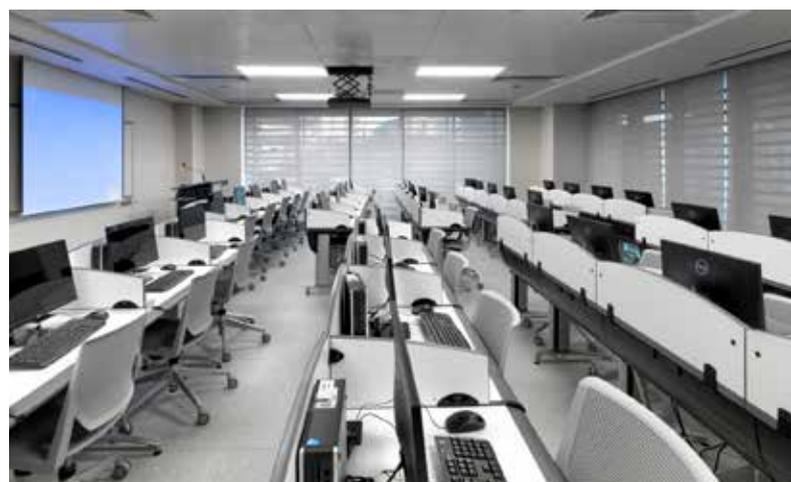
The laboratories are equipped with one microscope for every student and all other equipment needed for safety and application of practical courses of biochemistry, physiology, microbiology, biophysics, histology and pathology

There is also a "Preparation Room" in-between the laboratories to make the necessary preparations and initial work of each Laboratory Practice of Medical Training.

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

Language and Computer Laboratories

There is a Language Computer Laboratory and three other computer laboratories with each having 40 computers in the campus. All Computers have high standards of hardware and software systems.



ANATOMY LABORATORY

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



Sectra Table

The Sectra 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.

Research Laboratories

Acibadem 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 Acibadem 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.



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.



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



CASE has three main units:

I. Clinical Simulation Laboratory (4th floor)

This unit is available for the following courses:

- Anaesthesia
- Emergency Medicine
- Nursing Care
- Internal Medicine
- Pediatrics
- Family Medicine
- Cardiology
- Pneumonology
- Otolaryngology
- Obstetrics & Gynecology





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

Postgraduate surgical courses available for the following courses:

- General Surgery
- Neurosurgery
- Urology
- Cardiovascular Surgery
- Orthopedics
- Obstetrics&Gynecology
- Robotic Surgery



III. Dissection Laboratory

Cadaver based courses are available for:

- Orthopedics
- Neurosurgery
- Cardiovascular surgery
- ENT
- Plastic Surgery



ACADEMIC CALENDAR

COURSE CATEGORIES		COURSES				
YEAR 1	Integrated Medical	BIOMEDICAL SUBJECT COMMITTEES	MED 111 MOLECULAR AND MEDICINE-I	MED 113 MOLECULAR AND MEDICINE-II	MED 114 CELL AND TISSUE INJURY-I	MED 112 BLOOD AND IMMUNITY
		CLINICAL MEDICINE and PROFESSIONAL SKILLS	MED 121 RESEARCH IN HEALTH	MED 123 MEDICAL ETHICS AND HUMANITIES	MED 125 COMMUNICATION SKILLS	MED 122 HEALTH AND SOCIETY- I
	COMPLEMENTARY MEDICAL COURSES	MED 131 BIOSTATISTICS	MED 132 BIOINFORMATICS		MED 133 - MED134 MEDICAL ENGLISH	
	COMMON COURSES	HISTORY OF REVOLUTION	TURKISH LANGUAGE AND LITERATURE	COMMON ELECTIVE COURSES		

COURSE CATEGORIES		COURSES				
YEAR 2	Integrated Medical	BIOMEDICAL SUBJECT COMMITTEES	MED 213 MUSCULOSKELETAL SYSTEM AND RELATED DISORDERS	MED 211 CELL AND TISSUE INJURY II	MED 212 NERVOUS SYSTEM AND RELATED DISORDERS	MED 214 GROWTH DEVELOPMENT & ENDOCRINE DISORDERS
		CLINICAL MEDICINE and PROFESSIONAL SKILLS	MED 221 RESEARCH IN HEALTH		MED 222 MEDICAL ETHICS AND HUMANITIES	
	COMPLEMENTARY MEDICAL COURSES	EMED 201-EMED 202 ELECTIVES IN MEDICINE			MED 233-MED 234 MEDICAL ENGLISH	
	COMMON COURSES	COMMON ELECTIVE COURSES				

COURSE CATEGORIES		COURSES				
YEAR 3	Integrated Medical Course	BIOMEDICAL SUBJECT COMMITTEES	MED 311 CARDIOVASCULAR SYSTEM & RELATED DISORDERS	MED 313 RESPIRATORY SYSTEM & RELATED DISORDERS	MED 315 GASTROINTESTINAL SYSTEM & RELATED DISORDERS	MED 312 UROGENITAL SYSTEM AND RELATED DISORDERS
		CLINICAL MEDICINE & PROFESSIONAL SKILLS	MED 321 EVIDENCE BASED MEDICINE		MED 323 HEALTH AND SOCIETY II	
	TCC	MED 330 TRANSITION TO CLINICAL CLERKSHIP				
	COMMON COURSES	EMED 301-EMED 302 ELECTIVES IN MEDICINE				

YEAR 4	MED 401 INTERNAL MEDICINE	MED 402 SURGERY	MED 403 PEDIATRICS AND PEDIATRIC SURGER	MED 404 OBSTETRICS AND GYNECOLOGY	MED 405 CARDIOVASCULAR MEDICINE
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YEAR 5	MED 501 NEUROLOGY	MED 502 NEUROSURGERY	MED 503 PSYCHIATRY	MED 504 OTOLARYNGOLOGY, HEAD AND NECK SURGERY	MED 505 OPHTHALMOLOGY	MED 506 DERMATOLOGY	MED 507 RADIOLOGY	MED 508 ORTHOPEDICS / PHYSICAL MEDICINE AND REHABILITATION	MED 509 FORENSIC MEDICINE	MED 511 UROLOGY
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YEAR 6	MED 601 INTERNAL MEDICINE	MED 602 GENERAL SURGERY	MED 603 PEDIATRICS	MED 604 OBSTETRICS AND GYNECOLOGY	MED 605 PSYCHIATRY	MED 606 COMMUNITY HEALTH AND PRIMARY CARE	MED 607 EMERGENCY MEDICINE	MED 608 SIMULATED CLINICAL PRACTICE
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PHASE I						
YEAR 1		YEAR 2		YEAR 3		
FALL SEMESTER						
MED 111 - Molecular and Cellular Medicine- I	Sept 16, 2019-Nov 26, 2019	MED 213 - Musculoskeletal System and Related Disorders	Sept 16, 2019-Nov 25, 2019	MED 311 - Cardiovascular System and Related Disorders	Sept 16, 2019-Oct 21, 2019	
MED 113 - Molecular and Cellular Medicine- II	Nov 27, 2019-Jan 17, 2020	MED 211 - Cell and Tissue Injury II	Nov 26, 2019-Jan 15, 2020	MED 313- Respiratory System and Related Disorders	Oct 22, 2019-Nov 25, 2019	
MED 121 - Research in Health- I	Nov 21, 2019-Dec 26, 2019	MED 221 - Research in Health -II	Oct 01, 2019-Dec 20, 2019	MED 315- Gastrointestinal System and Related Disorders	Nov 26, 2019-Jan 16, 2020	
MED 123 - Medical Ethics and Humanities- I	Oct 09, 2019 - Nov 20, 2019	EMED 201 - Electives in Medicine- I	Sept 18, 2019-Dec 18, 2019	MED 321 - Evidence Based Medicine	Sept 17, 2019-Nov 29, 2019	
MED 125 - Communication Skills	Oct 04, 2019-May 08, 2020	MED 233 - Medical English- III	Sept 18, 2019-Dec 26, 2019	EMED 301 - Electives in Medicine - III	Sept 18, 2019-Jan 08, 2020	
MED 131 - Biostatistics	Sept 26, 2019-Dec 26, 2019	ELE 297 - Elective Course- III	Sept 16, 2019-Dec 18, 2019			
MED 133 - Medical English- I	Sept 25, 2019-Dec 27, 2019					
ELE 197 - Elective Course- I	Sept 23, 2019-Dec 26, 2019					
TUR 101 - Turkish Language and Literature- I	Sept 25, 2019-Dec 25, 2019					
ATA 101 - Atatürk Principles and History of Revolution- I	Sept 24, 2019-Dec 24, 2019					
MIDYEAR RECESS Jan 20, 2020-Jan 30, 2020						
SPRING SEMESTER						
MED 114 - Cell and Tissue Injury- I	Feb 03, 2020-Mar 10, 2020	MED 212 - Nervous System and Related Disorders	Feb 03, 2020-Apr 20, 2020	MED 312 - Urogenital System and Related Disorders	Feb 03, 2020-Apr 03, 2020	
MED 112 - Blood and Immunity	Mar 11, 2020-May 18, 2020	MED 214 - Growth, Development and Endocrine Disorders	Apr 22, 2020-May 29, 2020	MED 330- Transition to Clinical Clerkship	May 07, 2020-June 05, 2020	
MED 122 - Health and Society- I	Feb 06, 2020-Mar 25, 2020	MED 222 - Medical Ethics & Humanities-II	Feb 04, 2020-April 13, 2020	MED 323 - Health and Society- II	Feb 06, 2020-April 06, 2020	
MED 132 - Bioinformatics	Feb 06, 2020-May 14, 2020	EMED 202- Electives in Medicine- II	Feb 03, 2020-May 06, 2020	EMED 302-Electives in Medicine - IV	Feb 03, 2020-May 06, 2020	
MED 134 - Medical English- II	Feb 05, 2020-May 15, 2020	MED 234 - Medical English- IV	Feb 05, 2020- May 14, 2020			
ELE 198 - Elective Course- II	Feb 03, 2020-May 07, 2020	ELE 298 - Elective Course- IV	Feb 03, 2020- May 06, 2020			
TUR 102 - Turkish Language and Literature- II	Feb 05, 2020-May 06, 2020					
ATA 102 - Atatürk Principles and History of Revolution- II	Feb 04, 2020-May 05, 2020					

Holidays

- October 29, 2019 (Republic Day)
- January 1, 2020 (New Year's Day)
- April 23, 2020 (National Sovereignty and Children's Day)
- May 1, 2020 (Labor and Solidarity Day)
- May 19, 2020 (Commemoration Atatürk, Youth and Sports Day)



EXAM DATES

YEAR I

Exam Definiton	Exam Date	Exam Hours
MED 111 THEORETICAL EXAMINATION I	15.10.2019	17:30-19:30
MED 111 THEORETICAL EXAMINATION II	26.11.2019	17:30-19:30
MED 113 THEORETICAL EXAMINATION I	23.12.2019	13:30-15:30
MED 113 THEORETICAL EXAMINATION II	14.01.2020	17:30-19:30
MED 131 BIOSTATISTICS MIDTERM EXAMINATION I	24.10.2019	17:30-19:30
MED 131 BIOSTATISTICS MIDTERM EXAMINATION II	28.11.2019	17:30-19:30
MED 131 BIOSTATISTICS FINAL EXAMINATION	26.12.2019	17:30-19:30
MED 131 BIOSTATISTICS MAKE UP EXAMINATION	09.01.2020	17:30-19:30
MED 123 CMPS/ME&H EXAMINATION I	20.11.2019	17:30-19:30
MED 133 MEDICAL ENGLISH I EXAMINATION	15.11.2019	11:00-12:30
MED 133 MEDICAL ENGLISH I FINAL EXAMINATION	27.12.2019	11:00-12:30
MED 133 MEDICAL ENGLISH I MAKE UP EXAMINATION	10.01.2020	11:00-12:30
TUR 101 TURKISH LANGUAGE AND LITERATURE I EXAMINATION	06.11.2019	12:45-13:30
TUR 101 TURKISH LANGUAGE AND LITERATURE I FINAL EXAMINATION	15.01.2020	12:45-13:30
TUR 101 TURKISH LANGUAGE AND LITERATURE I MAKE UP EXAM	29.01.2020	12:45-13:30
ATA 101 ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION I EXAMINATION	05.11.2019	12:45-13:30
ATA 101 ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION I FINAL EXAMINATION	07.01.2020	12:45-13:30
ATA 101 ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION I MAKE UP EXAM	28.01.2020	12:45-13:30
MIDYEAR RECESS		
MED 114 THEORETICAL EXAMINATION	10.03.2020	17:30-19:30
MED 112 THEORETICAL EXAMINATION	18.05.2020	17:30-19:30
MED 132 BIOINFORMATICS MIDTERM EXAMINATION	02.04.2020	17:30-19:30
MED 132 BIOINFORMATICS FINAL EXAMINATION	14.05.2020	17:30-19:30
MED 122 CMPS/H&S EXAMINATION	25.03.2020	17:30-19:30
MED 134 MEDICAL ENGLISH II EXAMINATION	20.03.2020	11:00-12:30
MED 134 MEDICAL ENGLISH II FINAL EXAMINATION	15.05.2020	11:00-12:30
ATA 102 ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION II EXAMINATION	17.03.2020	12:45-13:30
TUR 102 TURKISH LANGUAGE AND LITERATURE II EXAMINATION	18.03.2020	12:45-13:30
Exam Definiton	Exam date	Exam hours
YEAR I BSC Final Exam	24.06.2020	09:00-18:00
YEAR I CMPS Final Exam	26.06.2020	09:00-18:00
YEAR I Ataturk's Principles and History of Revolution II Final Exam	09.06.2020	12:45-13:30
YEAR I Turkish Language and Literature II Final Exam	10.06.2020	12:45-13:30
YEAR I BSC Make up Exam	05.08.2020	09:00-18:00
YEAR I CMPS Make up Exam	07.08.2020	09:00-18:00
YEAR I Bioinformatics Make up Exam	03.06.2020	09:00-18:00
YEAR I Medical English II Make up Exam	05.06.2020	09:00-18:00
YEAR I Turkish Language and Literature II Make up Exam	22.06.2020	12:45-13:30
YEAR I Ataturk's Principles and History of Revolution II Make up Exam	23.06.2020	12:45-13:30

YEAR II

Exam Definiton	Exam Date	Exam Hours
MED 213 THEORETICAL EXAMINATION I	22.10.2019	17:30-19:30
MED 213 THEORETICAL EXAMINATION II	25.11.2019	17:30-19:30
MED 211 THEORETICAL EXAMINATION I	23.12.2019	17:30-19:30
MED 211 THEORETICAL EXAMINATION II	15.01.2020	17:30-19:30
MED 221 CMPS/RIH WRITTEN EXAMINATION II	18.11.2019	17:30-19:30
MED 233 MEDICAL ENGLISH III EXAM	28.11.2019	13:30-15:00
MED 233 MEDICAL ENGLISH III FINAL EXAMINATION	26.12.2019	13:30-15:00
MED 233 MEDICAL ENGLISH III MAKE UP EXAMINATION	08.01.2020	16:00-17:30
MIDYEAR RECESS		
MED 212 THEORETICAL EXAMINATION I	24.02.2020	17:30-19:30
MED 212 THEORETICAL EXAMINATION II	16.03.2020	17:30-19:30
MED 212 THEORETICAL EXAMINATION III	20.04.2020	17:30-19:30
MED 214 THEORETICAL EXAMINATION I	29.05.2020	17:30-19:30
MED 222 CMPS/ME&H WRITTEN EXAMINATION I	23.03.2020	17:30-19:30
MED 222 CMPS/ME&H WRITTEN EXAMINATION II	13.04.2020	17:30-19:30
MED 234 MEDICAL ENGLISH IV EXAMINATION	09.04.2020	13:30-15:00
MED 234 MEDICAL ENGLISH IV FINAL EXAMINATION	14.05.2020	13:30-15:00
MED 234 MEDICAL ENGLISH IV MAKE UP EXAMINATION	27.05.2020	16:00-17:30
Exam Definiton	Exam date	Exam hours
YEAR II BSC Final Exam	24.06.2020	09:00-18:00
YEAR II CMPS Final Exam	26.06.2020	09:00-18:00
YEAR II BSC Make up Exam	05.08.2020	09:00-18:00
YEAR II CMPS Make up Exam	07.08.2020	09:00-18:00

YEAR III

Exam Definiton	Exam Date	Exam Hours
MED 311 THEORETICAL EXAMINATION I	30.09.2019	17:30-19:30
MED 311 THEORETICAL EXAMINATION II	21.10.2019	17:30-19:30
MED 313 THEORETICAL EXAMINATION	25.11.2019	15:30-17:30
MED 315 THEORETICAL EXAMINATION I	23.12.2019	10:00-12:30
MED 315 THEORETICAL EXAMINATION II	16.01.2020	10:00-12:30
MIDYEAR RECESS		
MED 312 THEORETICAL EXAMINATION I	27.02.2020	17:30-19:30
MED 312 THEORETICAL EXAMINATION II	03.04.2020	17:30-19:30
MED 323 CMPS THEORETICAL EXAMINATION	06.04.2020	17:30-19:30
Exam Definiton	Exam date	Exam hours
<i>YEAR III BSC Final Exam</i>	28.04.2020	09:00-18:00
<i>YEAR III CMPS Final Exam</i>	30.04.2020	09:00-18:00
<i>YEAR III BSC Make up Exam</i>	24.06.2020	09:00-18:00
<i>YEAR III CMPS Make up Exam</i>	25.06.2020	09:00-18:00

YEAR I - COURSES

COURSE CATEGORY	CODE	COURSE NAME	Theoretical Hours			Practical Hours				Instructional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS
			Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice					
Biomedical Subject Committees (BSC)	MED 111	Molecular and Cellular Medicine -I	76	4	80	16				96	90	186	6	7
	MED 113	Molecular and Cellular Medicine -II	87	3	90	10				100	110	210	7	8
	MED 112	Blood and Immunity	61	13	74	8				82	120	202	6	8
	MED 114	Cell and Tissue Injury -I	59		59					59	80	139	4	5
	BSC 1	TOTAL	283	20	303	34				337	400	737	23	28
Clinical Medicine and Professional Skills (CMPS) Program	MED 121	Research in Health-I	10	11	21					21	30	51	2	2
	MED 123	Medical Ethics and Humanities-I	21	9	30					30	70	100	2	4
	MED 122	Health and Society-I	20	7	27		5			32	70	102	2	4
	MED 125	Communication Skills	19	10	29			8		37	60	97	3	4
		CMPS 1	TOTAL	70	37	107		5	8	13	120	230	350	9
Complementary Medical Courses (CMC)	MED 131	Biostatistics	28	0	28	14				42	25	67	3	3
	MED 132	Bioinformatics	28	0	28	14				42	25	67	3	3
	MED 133	Medical English-I	28	14	42					42	42	84	3	3
	MED 134	Medical English-II	28	14	42					42	42	84	3	3
Common Courses (CC)	ATA 101	Atatürk Principles and History of Revolution-I	21	7	28					28	5	33	2	1
	ATA 102	Atatürk Principles and History of Revolution-II	21	7	28					28	5	33	2	1
	TUR 101	Turkish Language and Literature-I	28		28					28	5	33	2	1
	TUR 102	Turkish Language and Literature-II	28		28					28	5	33	2	1
	ELE 197	Elective Course-I	28		28					28	5	33	2	1
	ELE 198	Elective Course-II	28		28					28	5	33	2	1
TOTAL			619	99	718	62	5	8	0	75	794	1587	56	60

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

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

Lab Study: Practices in Basic Science and Computer Labs.

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

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

Study Time: Self Directed Learning, Preparation.



Course Name	Molecular and Cellular Medicine-I	MED 111
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	16.09.2019-26.11.2019

Theoretical Hours	80	Credit 6	ECTS 7
Practical Hours	16		
Study Hours	90		
TOTAL HOURS	186		

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*Affiliated Faculty

Educational Methods	Lectures, Panels and Lab Study
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Course Aims

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

Learning Outcomes

- By the end of this subject committee, the students will be able to:
1. define inorganic and organic molecules of life, and explain tree of life and evolution.
 2. define atom, molecule and matter, classify chemical bonds, define the measurements commonly used in biological sciences, comprehend basis of analytical chemistry and related calculations, and explain chemical reactions
 3. describe the structure and functions of nucleic acids, carbohydrates, amino acids, proteins and lipids
 4. explain the concept of the cell: Prokaryotes and Eukaryotes
 5. define cell and cell types, define and correlate organelles at ultrastructural level and their functions, and observe the morphology of different cells under the microscope
 6. explain the structure and function of DNA, basic principles of DNA packaging, chromatin structure and biological process of replication, recombination and DNA repair
 7. describe the chromosome structure, and explain its relation with clinical cytogenetics
 8. explain cell cycle, cell division and cell death
 9. explain the concept of central dogma, describe the flow of genetic information, define the transcription, translation and control of gene expression
 10. recognize the organization, structure and function of gene, explain nuclear and mitochondrial genome, distinguish and define types of mutations and polymorphisms, and explain epigenetic mechanisms
 11. explain the Mendelian Genetics and its laws, Mendelian and Non-Mendelian inheritance patterns, and the principles of population genetic
 12. explain the basis of genetic diseases and complex inheritance of multifactorial disorders, genetic basis of cancer and developmental genetics
 13. discuss the outcomes of human genome project and personalized medicine, and explain the current approaches for the treatment of genetic diseases
 14. define the molecular biology and diagnostic tools, acquire basic laboratory skills, perform DNA isolation, agarose gel electrophoresis and nucleic acid amplification experiments
 15. explain the histological features of basic tissues; epithelium, connective tissue and skin, and examine these tissues under microscope

Assessment Methods	Theoretical and Practical Examinations
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Course Name	Blood and Immunity	MED 112
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	11.03.2020-18.05.2020

Theoretical Hours	74	Credit 6	ECTS 8
Practical Hours	8		
Study Hours	120		
TOTAL HOURS	202		

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

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

Learning Outcomes

- By the end of this subject committee, the students will be able to:
1. explain the general features of blood
 2. describe the steps of hematopoiesis and explain the structural features of cells in each stage
 3. explain the structures of bone marrow and lymphoid organs
 4. explain the functions of erythrocytes and their pathological changes
 5. explain the functions of leukocytes and their pathological changes
 6. explain the functions of thrombocytes and their pathological changes
 7. define the process of hemostasis
 8. explain the structures and features of immune system and its pathological changes
 9. explain the pharmacological approaches to pathological changes related with hematopoietic and immune systems
 10. relate the impaired mechanisms of normal structure and function of hematopoietic system with index diseases and clinical outcomes

Assessment Methods	Theoretical and Practical Examinations, Active Attendance/ Performance Assessment
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Course Name	Molecular and Cellular Medicine-II	MED 113
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	27.11.2019-17.01.2020

Theoretical Hours	90	Credit 7	ECTS 8
Practical Hours	10		
Study Hours	110		
TOTAL HOURS	210		

Course Chairs

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

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

Learning Outcomes

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

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

Assessment Methods	Theoretical Examinations and Performance Assessment
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Course Name	Cell and Tissue Injury-I	MED 114
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	03.02.2020-10.03.2020

Theoretical Hours	59	Credit 4	ECTS 5
Practical Hours	0		
Study Hours	80		
TOTAL HOURS	139		

Course Chairs

Melike ŞAHİNER
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Yeşim BEŞLİ
M.D., Assist. Prof. Medical Microbiology

Sinem ÖKTEM OKULLU
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Cüyan DEMİRKESEN
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Yeşim SAĞLICAN
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Yeşim YASİN
M.A., MSc., Ph.D., Assist. Prof. Public Health

*Affiliated Faculty

Educational Methods	Lectures
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Course Aims

The aim of this subject committee is to provide necessary knowledge about the basic mechanisms of injury, hemodynamic principles along with response of the body and describe the general features of medically important microorganisms.

Learning Outcomes

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

1. distinguish types, sources and hazards of radiation
2. classify sterilization and disinfection procedures
3. comprehend microbial metabolism and their pathogenesis in cells and tissues
4. describe the main properties of microorganisms and define antimicrobial agents
5. define pathological response to tissue and cell injury and death, mechanisms of tissue repair
6. define the molecular basis of cancer, oncogenes and tumor suppressor genes, carcinogenesis and explain cancer epidemiology, etiology and prevention

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

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	21.11.2019-26.12.2019

Theoretical Hours	21	Credit 2	ECTS 2
Practical Hours	-		
Study Hours	30		
TOTAL HOURS	51		

Course Chair

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

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

Learning Outcomes

<p>By the end of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1. distinguish between scientific philosophy and philosophy of science 2. explain the evolution of scientific thinking 3. describe fundamentals of scientific research and characteristics of scientific thinking methodology 4. discuss the scientific reasoning and the methodological framework in a medical research 5. describe the epidemiology and its context 6. analyse the key criteria to assess if a relationship is causal 7. discuss the meaning of research integrity 8. define plagiarism
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Assessment Methods	Written examination, case analyses
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Course Name	Health and Society - I	MED 122
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	06.02.2020-25.03.2020

Theoretical Hours	27	Credit 2	ECTS 4
Practical Hours	5		
Study Hours	70		
TOTAL HOURS	102		

Course Chair

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Faculty

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Educational Methods	Site visits, group assignments, group presentations and discussions, reflective and peer group learning experiences, problem based learning, interactive lectures and self-directed learning sessions, focus group discussion.
Course Aims	
<p>The aim of this course is to</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. 	
Learning Outcomes	
<p>By the end of this course, the students will be able to:</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 	
Assessment Methods	Written examination, log-books, standardized evaluation of group presentations of assignments and projects, case studies.



Course Name	Medical Ethics and Humanities- I	MED 123
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	09.10.2019-20.11.2019

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

Course Chair

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İlker KAYI*
M.D., Assist. Prof.

*Affiliated Faculty

Educational Methods	TBL, Theoretical and practical sessions, case studies
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Course Aims

This course aims to;
 create a learning opportunity for students:

- comprehend the universal principles of human rights and the right to health
- be aware of the relation with human rights and human dignity
- understand the historical process of the evolution of contemporary medicine

develop an awareness about her/his role as a physician

Learning Outcomes

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

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

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

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I /Fall-Spring
Course Dates	04.10.2019-08.05.2020

Theoretical Hours	25	Credit 3	ECTS 4
Practical Hours	8		
Study Hours	60		
TOTAL HOURS	93		

Course Chairs

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Dilek KİTAPÇIOĞLU
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Educational Methods	Theoretical and practical sessions, drama, role playing, peer discussions, experiential learning and seminars, case studies and group presentations, skills training with task trainers and on models
Course Aims	
<p>The aim of this course is to provide provide necessary knowledge and skills about;</p> <ul style="list-style-type: none"> • basic life support and first aid • concept of communication • effective communication and its clinical competence • developing a sense of self awareness and respect for other individuals by empathy • the necessity for a patient centred approach • decontamination, disinfection and handwashing 	
Learning Outcomes	
<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • explain principles of first aid • correctly administer basic life support techniques • be aware that effective communication is a clinical competence and can be learned • explain the concept of communication • be aware of the importance of communication skills for “good clinical practice” • distinguish different levels of active listening, • be self-aware of his/her communication skills • value respect for other individuals by empathy • be aware of the necessity to display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment • be aware of personal ability to accurately perceive own emotions and stay aware of them as they happen. • distinguish the real effects and importance of intelligence on his / her life. • be aware of the fundamentals of self-management. • explain the mechanism of stress. • be aware of the negative and positive personal stressors and their effects on daily professional life. • be aware of stress management techniques. • be aware of the effectiveness and importance of team work in professional life . • explain the importance of social awareness, relation management, leadership and motivation in team activities. • identify the requirements for effective decontamination, disinfection, handwashing and practice • explain the principles of decontamination, disinfection, hand washing practice • demonstrate effective decontamination, disinfection, hand washing practices 	
Assessment Methods	case analyses, standardized evaluation of projects and performances and group presentations of assignments, during skill training performance based assessment



Course Name	Biostatistics	MED 131
Course Category	Complementary Medical Course	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	26.09.2019-26.12.2019

Theoretical Hours	28	Credit 3	ECTS 3
Practical Hours	14		
Study Hours	25		
TOTAL HOURS	67		

Course Chair	
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Faculty	
ÖZGÜR ASAR <i>Ph.D., Assist. Prof. Biostatistics & Medical Informatics</i>	

Educational Methods	Lectures, Presentations, Computer Applications
Course Aims	
<p>The aim of this course is to teach core statistical methods which include descriptive statistics and exploratory methods, hypothesis tests, missing data, sampling methods, and regression methods for continuous and discrete outcomes. Students will also learn to use R programming language through which they will be able to analyze real medical data.</p>	
Learning Outcomes	
<p>By the end of this subject committee, the students will be able to:</p> <ol style="list-style-type: none"> 1. formulate scientific hypotheses 2. apply core statistical methods 3. conduct hypothesis tests 4. apply regression methods 5. use R programming language 6. analyze real medical data in R 	
Assessment Methods	Projects, Homeworks and Exams



Course Name	Bioinformatics	MED 132
Course Category	Complementary Medical Course	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	06.02.2020-14.05.2020

Theoretical Hours	28	Credit 3	ECTS 3
Practical Hours	14		
Study Hours	25		
TOTAL HOURS	67		

Course Chair

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Faculty

UĞUR SEZERMAN

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Educational Methods	Lectures, Presentations, Projects and Applications in Laboratory
Course Aims	
<p>The aim of this course is to provide necessary background for carrying out basic bioinformatics research. It aims to convey algorithmic solutions to core problems in biology and medicine. It also aims to stimulate medical students to look at the common problems they will be dealing with from different perspectives.</p>	
Learning Outcomes	
<p>By the end of this subject committee, the students will be able to:</p> <ol style="list-style-type: none"> 1. define impact of mutations 2. analyze local, semi global and global sequence alignments and interpret the results 3. perform Fast database search 4. obtain genome sequences using fragment assembly 5. design physical mapping of DNA 6. perform Phylogenetic analysis 7. build DNA and protein sequence profiles and use them in relation to disease diagnostics 8. define state of the art bioinformatics databases, tools and servers 	
Assessment Methods	Projects, Homeworks and Exams



Course Name	Medical English -I	MED 133
Course Category	Complementary Medical Courses	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Fall
Course Dates	25.09.2019-27.12.2019

Theoretical Hours	42	Credit 3	ECTS 3
Practical Hours	-		
Study Hours	42		
TOTAL HOURS	84		

Course Chairs

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Motassem BOWARSHI
Instructor, Foreign Languages

Serdar DUMAN
Instructor, Foreign Languages

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

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

Learning Outcomes

<p>By the end of this course, the students will;</p> <ul style="list-style-type: none"> • demonstrate proficiency in general medical terminology (occupational English) regarding the content of the accompanying medical curriculum • analyse and interpret spoken and written basic English medical language and texts (Academic English) • actively engage in basic medical discourse (with patients and their carers (laypeople) and colleagues and other health professionals (occupational English))

Assessment Methods	Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations), medical text analysis home works
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Course Name	Medical English-II	MED 134
Course Category	Complementary Medical Courses	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year I / Spring
Course Dates	05.02.2020-15.05.2020

Theoretical Hours	42	Credit 3	ECTS 3
Practical Hours	-		
Study Hours	42		
TOTAL HOURS	84		

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

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

Learning Outcomes

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

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

<p>Assessment Methods</p>	<p>The assessment is both ongoing (formative) and final (summative). Students will need to keep careful and contemporaneous records of their learning and they will be assessed on the quality of their documentation. There will be several progress tests and a final exam covering all four main skill areas as well as grammatical and lexical knowledge.</p>
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Course Name	Turkish Language - Literature I & II	TUR 101 TUR 102
Course Category	Common Courses	CC

Course Type	Compulsory
Medium of Instruction	Turkish
Year / Semester	Year I / Fall-Spring
Course Dates	25.09.2019-06.05.2020

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

Course Chair

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Faculty

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Educational Methods	Lectures, Reading Assignments, Discussions
Course Aims	
<p>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.</p>	
Learning Outcomes	
<p>By the end of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1. explain the features of written language 2. define the rules for written explanation 3. describe grammar rules 4. indicate the rules for punctuation 5. describe the concepts of writing an essay 6. define the methods to express himself 	
Assessment Methods	Theoretical Examinations



SCHOOL OF MEDICINE
2019-2020

YEAR 1
FALL SEMESTER
SCHEDULE

16.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:00-12:30	Welcome to Acibadem University	2019 registered students to Year I and Prep School, including international and transfer students
12:30 - 13:30	Lunch Time	
13:30 – 17:30	Time Capsule	2019 registered students to Year I and Prep School, including international and transfer students

17.09.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	ACU SoM Freshman Orientation	Year I students
11:00 - 11:40	ACU SoM Freshman Orientation	Year I students
11:50 - 12:30	ACU SoM Freshman Orientation	Year I students
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical Education Program Overview for New Students	Year I students
14:20 - 15:00	Medical Education Program Overview for New Students	Year I students
15:10 - 15:50	Medical Education Program Overview for New Students	Year I students
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.09.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:00 - 10:50	Medical Education Day	Year I students
11:00 - 11:40	Medical Education Day	Year I students
11:50 - 12:30	Medical Education Day	Year I students
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical Education Day	Year I students
14:20 - 15:00	Medical Education Day	Year I students
15:10 - 15:50	Medical Education Day	Year I students
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.09.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Medical Education Day	Year I students
11:00 - 11:40	Medical Education Day	Year I students
11:50 - 12:30	Medical Education Day	Year I students
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Meeting with Peers	Year I students
14:20 - 15:00	Meeting with Peers	Year I students
15:10 - 15:50	Meeting with Peers	Year I students
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.09.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 12:30	White Coat Ceremony	2019 registered students to Year I and Prep School, including international and transfer students
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

23.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to MED 111 Subject Committee	AKYERLİ BOYLU, FURTUN UÇAL
10:10 - 10:50	Origin of Life	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	Atoms, Molecules and Matter	Zeynep DURER
11:50 - 12:30	Atoms, Molecules and Matter	Zeynep DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Water as a Living Environment	Zeynep DURER
14:20 - 15:00	Chemical Bonds and Reactions	Beste KINIKOĞLU EROL
15:10 - 15:50	Scientific Measurements and Calculations	Beste KINIKOĞLU EROL
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.09.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Gases, Liquids and Solids	Beste KINIKOĞLU EROL
11:50 - 12:30	Acids and Bases	Beste KINIKOĞLU EROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Chemical Equilibrium and Kinetics	Beste KINIKOĞLU EROL
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

25.09.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Organic Functional Groups in Medicine	Beste KINIKOĞLU EROL
11:00 - 11:40	Organic Functional Groups in Medicine	Beste KINIKOĞLU EROL
11:50 - 12:30	Organic Functional Groups in Medicine	Beste KINIKOĞLU EROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.09.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Structure of Nucleic Acids	Ahmet Tarık BAYKAL
10:10 - 10:50	Carbohydrate Structure and Function	Yasemin FURTUN UÇAL
11:00 - 11:40	Carbohydrate Structure and Function	Yasemin FURTUN UÇAL
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Descriptive statistics and exploratory data analysis	Özgür ASAR
14:20 - 15:00	Biostatistics: Descriptive statistics and exploratory data analysis	Özgür ASAR
15:10 - 15:50	Biostatistics: Descriptive statistics and exploratory data analysis	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.09.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Concept of Cell: Prokaryotes, Eukaryotes and Multicellular Life	Beste KINIKOĞLU EROL
10:10 - 10:50	Opening Ceremony	Conference HALL
11:00 - 11:40	Opening Ceremony	Conference HALL
11:50 - 12:30	Opening Ceremony	Conference HALL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Tree of Life and Evolution	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	Tree of Life and Evolution	Cemaliye AKYERLİ BOYLU
15:10 - 15:50	Structure of Amino Acids	Abdurrahman COŞKUN
16:00 - 16:40	Structure of Amino Acids	Abdurrahman COŞKUN
16:50 - 17:30	Study Time	

30.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Structure of Lipids	Ahmet Tarık BAYKAL
10:10 - 10:50	Structure of Lipids	Ahmet Tarık BAYKAL
11:00 - 11:40	Structure and Function of DNA	Özden HATIRNAZ NG
11:50 - 12:30	DNA Packaging and Chromatin Structure	Özden HATIRNAZ NG
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Protein Structure and Function	Abdurrahman COŞKUN
14:20 - 15:00	Protein Structure and Function	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Cell organelles and inclusions at light and electron microscopic level	Serap ARBAK
11:00 - 11:40	Cell organelles and inclusions at light and electron microscopic level	Serap ARBAK
11:50 - 12:30	Cell organelles and inclusions at light and electron microscopic level	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	DNA Replication	Deniz AĞIRBAŞLI
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

02.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Microscope Skills and Cell Types_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
10:10 - 10:50	LAB: Microscope Skills and Cell Types_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
11:00 - 11:40	DNA Repair and Recombination	Deniz AĞIRBAŞLI
11:50 - 12:30	DNA Repair and Recombination	Deniz AĞIRBAŞLI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

03.10.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Chromosome Structure	Deniz AĞIRBAŞLI
11:00 - 11:40	Introduction to Clinical Medicine and Professional Skills (CMPS)	TOPSEVER, DEMİR
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Descriptive statistics and exploratory data analysis	Özgür ASAR
14:20 - 15:00	Biostatistics: Descriptive statistics and exploratory data analysis	Özgür ASAR
15:10 - 15:50	Biostatistics: Descriptive statistics and exploratory data analysis	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Microscope Skills and Cell Types_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
10:10 - 10:50	LAB: Microscope Skills and Cell Types_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Basic Life Support_Group 1 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
14:20 - 15:00	CMPS/CS: Basic Life Support_Group 1 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
15:10 - 15:50	CMPS/CS: Basic Life Support_Group 1 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:00 - 16:40	CMPS/CS: Basic Life Support_Group 1 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:50 - 17:30	Study Time	

07.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Cell Cycle	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	Nucleus	Deniz YÜCEL
11:50 - 12:30	Cell Division	Merve AÇIKEL ELMAS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cell Death	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	Meeting with Year 1 Coordinators and Students	YÜCEL, TİMUÇİN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	LAB: Nucleus and Cell Division_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
11:50 - 12:30	LAB: Nucleus and Cell Division_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

09.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H: Introduction to Being a Doctor - TBL	ÜLMAN, ARTVİNLİ
11:00 - 11:40	PANEL: Clinical Cytogenetics	AĞIRBAŞLI, ALANAY, YARARBAŞ
11:50 - 12:30	PANEL: Clinical Cytogenetics	AĞIRBAŞLI, ALANAY, YARARBAŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.10.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H: Introduction to history of medicine,medicine at bedside	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H: Introduction to history of medicine,medicine at bedside	Yeşim Işıl ÜLMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Hypothesis tests – one sample tests	Özgür ASAR
14:20 - 15:00	Biostatistics: Hypothesis tests – one sample tests	Özgür ASAR
15:10 - 15:50	Biostatistics: Hypothesis tests – one sample tests	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Basic Life Support_Group 2 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
14:20 - 15:00	CMPS/CS: Basic Life Support_Group 2 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
15:10 - 15:50	CMPS/CS: Basic Life Support_Group 2 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:00 - 16:40	CMPS/CS: Basic Life Support_Group 2 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:50 - 17:30	Study Time	

14.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.10.2019 TUESDAY (MED 111 THEORETICAL EXAMINATION I: 17:30-19.30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED 111 PRACTICAL EXAMINATION I	
11:50 - 12:30	MED 111 PRACTICAL EXAMINATION I	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

16.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
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	From DNA to RNA	Engin YILMAZ
11:50 - 12:30	From DNA to RNA	Engin YILMAZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.10.2019 THURSDAY		
08:30 - 09:10	From RNA to Protein	Engin YILMAZ
09:20 - 10:00	From RNA to Protein	Engin YILMAZ
10:10 - 10:50	CMPS/ME&H:Medicine in the library,Medieval&Renaissance medicine	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H:Medicine in the library,Medieval&Renaissance medicine	Yeşim Işıl ÜLMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Hypothesis tests – two sample tests	Özgür ASAR
14:20 - 15:00	Biostatistics: Hypothesis tests – two sample tests	Özgür ASAR
15:10 - 15:50	Biostatistics: Hypothesis tests – two sample tests	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Control of Gene Expression	Deniz AĞIRBAŞLI
10:10 - 10:50	Epigenetics	Deniz AĞIRBAŞLI
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Basic Life Support_Group 3 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
14:20 - 15:00	CMPS/CS: Basic Life Support_Group 3 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
15:10 - 15:50	CMPS/CS: Basic Life Support_Group 3 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:00 - 16:40	CMPS/CS: Basic Life Support_Group 3 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:50 - 17:30	Study Time	

21.10.2019 MONDAY		
08:30 - 09:10	LAB: Histology of lining and glandular epithelium_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
09:20 - 10:00	LAB: Histology of lining and glandular epithelium_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
10:10 - 10:50	Nuclear Genome: Gene Structure and Function	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	Human Genetic Diversity: Mutation and Polymorphism	Özden HATIRNAZ NG
11:50 - 12:30	Human Genetic Diversity: Mutation and Polymorphism	Özden HATIRNAZ NG
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Mendelian Genetics	Cemaliye AKYERLİ BOYLU
14:20 - 15:00	Study time for CMPS/ME&H TBL	
15:10 - 15:50	Study time for CMPS/ME&H TBL	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.10.2019 TUESDAY		
08:30 - 09:10		
09:20 - 10:00	LAB: Histology of lining and glandular epithelium_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
10:10 - 10:50	LAB: Histology of lining and glandular epithelium_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
11:00 - 11:40	Histology of Connective Tissue	Serap ARBAK
11:50 - 12:30	Histology of Connective Tissue	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

23.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: Being a Doctor - TBL	ÜLMAN, ARTVİNLİ
10:10 - 10:50	CMPS/ME&H: Being a Doctor - TBL	ÜLMAN, ARTVİNLİ
11:00 - 11:40	CMPS/ME&H: Being a Doctor - TBL	ÜLMAN, ARTVİNLİ
11:50 - 12:30	CMPS/ME&H: Being a Doctor - TBL	ÜLMAN, ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.10.2019 THURSDAY (MED 131 Biostatistics MIDTERM EXAMINATION I: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Mendelian Inheritance Patterns	Özden HATIRNAZ NG
10:10 - 10:50	Mendelian Inheritance Patterns	Özden HATIRNAZ NG
11:00 - 11:40	Mitochondrial genome and mitochondrial inheritance	Deniz AĞIRBAŞLI
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Non-mendelian Inheritance	Yasemin ALANAY
14:20 - 15:00	Non-mendelian Inheritance	Yasemin ALANAY
15:10 - 15:50	Complex Inheritance of Multifactorial Disorders	Deniz AĞIRBAŞLI
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

25.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Molecular, Biochemical and Cellular Basis of Genetic Diseases	Deniz AĞIRBAŞLI
10:10 - 10:50	Molecular, Biochemical and Cellular Basis of Genetic Diseases	Deniz AĞIRBAŞLI
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
14:20 - 15:00	Biochemistry of Connective Tissue	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

29.10.2019 TUESDAY		
08:30 - 09:10	Rebuplic Day	
09:20 - 10:00	Rebuplic Day	
10:10 - 10:50	Rebuplic Day	
11:00 - 11:40	Rebuplic Day	
11:50 - 12:30	Rebuplic Day	
12:30 - 13:30	Rebuplic Day	
13:30 - 14:10	Rebuplic Day	
14:20 - 15:00	Rebuplic Day	
15:10 - 15:50	Rebuplic Day	
16:00 - 16:40	Rebuplic Day	
16:50 - 17:30	Rebuplic Day	

30.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study time for CMPS/ME&H TBL	
10:10 - 10:50	CMPS/ME&H: Human Rights - TBL	ÜLMAN, ARTVİNLİ
11:00 - 11:40	CMPS/ME&H: Human Rights - TBL	ÜLMAN, ARTVİNLİ
11:50 - 12:30	CMPS/ME&H: Human Rights - TBL	ÜLMAN, ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

31.10.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H: Medicine in the hospital	Fatih ARTVİNLİ
11:00 - 11:40	CMPS/ME&H: Medicine in the hospital	Fatih ARTVİNLİ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Hypothesis tests – more than two samples	Özgür ASAR
14:20 - 15:00	Biostatistics: Hypothesis tests – more than two samples	Özgür ASAR
15:10 - 15:50	Biostatistics: Hypothesis tests – more than two samples	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

01.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Genetic Basis of Cancer	Cemaliye AKYERLİ BOYLU
10:10 - 10:50	Genetic Basis of Cancer	Cemaliye AKYERLİ BOYLU
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Basic Life Support_Group 4 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
14:20 - 15:00	CMPS/CS: Basic Life Support_Group 4 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
15:10 - 15:50	CMPS/CS: Basic Life Support_Group 4 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:00 - 16:40	CMPS/CS: Basic Life Support_Group 4 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:50 - 17:30	Study Time	

04.11.2019 MONDAY		
08:30 - 09:10	Study time for CMPS/ME&H TBL	
09:20 - 10:00	Histology of Skin and Adnex	Deniz YÜCEL
10:10 - 10:50	Histology of Skin and Adnex	Deniz YÜCEL
11:00 - 11:40	Tools of Molecular Biology	Engin YILMAZ
11:50 - 12:30	Tools of Molecular Biology	Engin YILMAZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Next Generation Sequencing and the Future of Diagnosis	Kanay YARARBAŞ
14:20 - 15:00	LAB: Basic lab skills (pipetting)_ Group A	CAB, DA, ÖHN, BKE – A302, A303
15:10 - 15:50	LAB: Basic lab skills (pipetting)_ Group B	CAB, DA, ÖHN, BKE – A302, A303
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.11.2019 TUESDAY (Atatürk's Principles and History of Revolution EXAMINATION: 12.45-13:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: Medicine in the community: Emergence of public health	Fatih ARTVİNLİ
10:10 - 10:50	CMPS/ME&H: Medicine in the community: Emergence of public health	Fatih ARTVİNLİ
11:00 - 11:40	LAB: Histology of connective tissue and skin_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
11:50 - 12:30	LAB: Histology of connective tissue and skin_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Personalised Medicine Era	Özden HATIRNAZ NG
14:20 - 15:00	Personalised Medicine Era	Özden HATIRNAZ NG
15:10 - 15:50	Developmental Genetics	Yasemin ALANAY
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.11.2019 WEDNESDAY (Turkish Language and Literature I EXAMINATION: 12.45-13:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: Right to Health - TBL	ÜLMAN, ARTVİNLİ
10:10 - 10:50	CMPS/ME&H: Right to Health - TBL	ÜLMAN, ARTVİNLİ
11:00 - 11:40	CMPS/ME&H: Right to Health - TBL	ÜLMAN, ARTVİNLİ
11:50 - 12:30	CMPS/ME&H: Right to Health - TBL	ÜLMAN, ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

07.11.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Basic Concepts in Population Genetics	Özden HATIRNAZ NG
10:10 - 10:50	CMPS/ME&H: Medicine in the laboratory	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H: Medicine in the laboratory	Yeşim Işıl ÜLMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Hypothesis tests – categorical outcomes	Özgür ASAR
14:20 - 15:00	Biostatistics: Hypothesis tests – categorical outcomes	Özgür ASAR
15:10 - 15:50	Biostatistics: Hypothesis tests – categorical outcomes	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

08.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PANEL: From Genotype to Phenotype	ALANAY, ÖZBEK
10:10 - 10:50	PANEL: From Genotype to Phenotype	ALANAY, ÖZBEK
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Basic Life Support_Group 5 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
14:20 - 15:00	CMPS/CS: Basic Life Support_Group 5 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
15:10 - 15:50	CMPS/CS: Basic Life Support_Group 5 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:00 - 16:40	CMPS/CS: Basic Life Support_Group 5 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:50 - 17:30	Study Time	

11.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	LAB: DNA isolation_Group A	CAB, DA, ÖHN, BKE – A302, A303
11:00 - 11:40	LAB: DNA isolation_Group A	CAB, DA, ÖHN, BKE – A302, A303
11:50 - 12:30	LAB: DNA isolation_Group A	CAB, DA, ÖHN, BKE – A302, A303
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of connective tissue and skin_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
14:20 - 15:00	LAB: Histology of connective tissue and skin_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: DNA isolation_Group B	CAB, DA, ÖHN, BKE – A302, A303
10:10 - 10:50	LAB: DNA isolation_Group B	CAB, DA, ÖHN, BKE – A302, A303
11:00 - 11:40	LAB: DNA isolation_Group B	CAB, DA, ÖHN, BKE – A302, A303
11:50 - 12:30	Treatment of Genetic Diseases and Future of Clinical Genomics	ALANAY, HATIRNAZ NG
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Treatment of Genetic Diseases and Future of Clinical Genomics	ALANAY, HATIRNAZ NG
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.11.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: Right to Health in Society	ÜLMAN, ARTVİNLİ
10:10 - 10:50	CMPS/ME&H: Right to Health in Society	ÜLMAN, ARTVİNLİ
11:00 - 11:40	CMPS/ME&H: Right to Health in Society	ÜLMAN, ARTVİNLİ
11:50 - 12:30	CMPS/ME&H: Right to Health in Society	ÜLMAN, ARTVİNLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

14.11.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Hot Topics in Biochemistry: Omics	Yasemin FURTUN UÇAL
10:10 - 10:50	CMPS/ME&H: Medicine in the modern world, legacy of the centuries	ÜLMAN, ARTVİNLİ
11:00 - 11:40	CMPS/ME&H: History of medicine in Turkey	ÜLMAN, ARTVİNLİ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Hypothesis tests – nonparametric methods	Özgür ASAR
14:20 - 15:00	Biostatistics: Hypothesis tests – nonparametric methods	Özgür ASAR
15:10 - 15:50	Biostatistics: Hypothesis tests – nonparametric methods	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

15.11.2019 FRIDAY (MED 133 Medical English I EXAMINATION: 11:00-12:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Medical English I in class EXAM	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I in class EXAM	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Basic Life Support_Group 6 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
14:20 - 15:00	CMPS/CS: Basic Life Support_Group 6 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
15:10 - 15:50	CMPS/CS: Basic Life Support_Group 6 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:00 - 16:40	CMPS/CS: Basic Life Support_Group 6 (CASE)	KİTAPÇIOĞLU, GÜVEN, SAYALI
16:50 - 17:30	Study Time	

18.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	LAB: Agarose gel electrophoresis_Group B	CAB, DA, ÖHN, BKE – A302, A303
11:00 - 11:40	LAB: Agarose gel electrophoresis_Group B	CAB, DA, ÖHN, BKE – A302, A303
11:50 - 12:30	LAB: Agarose gel electrophoresis_Group B	CAB, DA, ÖHN, BKE – A302, A303
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Gene Identification	Aslıhan TOLUN
14:20 - 15:00	Gene Identification	Aslıhan TOLUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	LAB: Agarose gel electrophoresis_Group A	CAB, DA, ÖHN, BKE – A302, A303
11:00 - 11:40	LAB: Agarose gel electrophoresis_Group A	CAB, DA, ÖHN, BKE – A302, A303
11:50 - 12:30	LAB: Agarose gel electrophoresis_Group A	CAB, DA, ÖHN, BKE – A302, A303
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.11.2019 WEDNESDAY (MED 123 CMPS/ME&H EXAMINATION: 12:30-13:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

21.11.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/RiH: Introduction to RiH and Scientific Methodology	Figen DEMİR
11:00 - 11:40	CMPS/RiH: Scientific thinking: Study of Ignaz Semmelweis	Pınar TOPSEVER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Correlation and linear regression	Özgür ASAR
14:20 - 15:00	Biostatistics: Correlation and linear regression	Özgür ASAR
15:10 - 15:50	Biostatistics: Correlation and linear regression	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

22.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Nucleic acid amplification; PCR_Group B	CAB, DA, ÖHN, BKE – A302, A303
10:10 - 10:50	LAB: Nucleic acid amplification; PCR_Group B	CAB, DA, ÖHN, BKE – A302, A303
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Nucleic acid amplification; PCR_Group A	CAB, DA, ÖHN, BKE – A302, A303
14:20 - 15:00	LAB: Nucleic acid amplification; PCR_Group A	CAB, DA, ÖHN, BKE – A302, A303
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.11.2019 TUESDAY (MED 111 THEORETICAL EXAMINATION II: 17:30-19.30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	MED 111 PRACTICAL EXAMINATION II	
11:50 - 12:30	MED 111 PRACTICAL EXAMINATION II	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.11.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED 113 Subject Committee	BEŞLİ, TİMUÇİN
11:00 - 11:40	Physical Characteristics of Membrane Structure and Function	Zeynep DURER
11:50 - 12:30	Membrane Proteins	Zeynep DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

28.11.2019 THURSDAY (MED 131 Biostatistics MIDTERM EXAMINATION II: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Cell Membrane Physiology	Mehmet ERGEN
10:10 - 10:50	CMPS/RiH: Scientific thinking and reasoning	İsmail Hakkı ULUS
11:00 - 11:40	CMPS/RiH: Scientific thinking and reasoning	İsmail Hakkı ULUS
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

29.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Physical Principles of Transport: Diffusion and Facilitated Transport	Devrim ÖZ ARSLAN
10:10 - 10:50	Physical Principles of Transport: Diffusion and Facilitated Transport	Devrim ÖZ ARSLAN
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: First aid lecture	Dilek KİTAPÇIOĞLU
14:20 - 15:00	CMPS/CS: First aid lecture	Dilek KİTAPÇIOĞLU
15:10 - 15:50	CMPS/CS: First aid lecture	Dilek KİTAPÇIOĞLU
16:00 - 16:40	CMPS/CS: First aid lecture	Dilek KİTAPÇIOĞLU
16:50 - 17:30	CMPS/CS: First aid lecture	Dilek KİTAPÇIOĞLU

02.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Physical Principles of Transport: Active Transport	Devrim ÖZ ARSLAN
10:10 - 10:50	Osmolarity and Tonicity	Devrim ÖZ ARSLAN
11:00 - 11:40	Homeostasis	Mehmet ERGEN
11:50 - 12:30	Homeostasis	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Body fluids	Mehmet ERGEN
14:20 - 15:00	Study time for CMPS/RiH TBL	
15:10 - 15:50	Study time for CMPS/RiH TBL	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

03.12.2019 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
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

04.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Charges, Coulomb's Law, Insulators and Conductors	Zeynep DURER
10:10 - 10:50	Charges, Coulomb's Law, Insulators and Conductors	Zeynep DURER
11:00 - 11:40	Electrical Forces, Fields and Currents	Evren KILINÇ
11:50 - 12:30	Electrical Forces, Fields and Currents	Evren KILINÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

05.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/RiH: Introduction to epidemiology - TBL	TOPSEVER, DEMİR
11:00 - 11:40	CMPS/RiH: Introduction to epidemiology - TBL	TOPSEVER, DEMİR
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Logistic and Poisson regression	Özgür ASAR
14:20 - 15:00	Biostatistics: Logistic and Poisson regression	Özgür ASAR
15:10 - 15:50	Biostatistics: Logistic and Poisson regression	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

06.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Capacitors, Resistance, Direct Current	Evren KILINÇ
10:10 - 10:50	Capacitors, Resistance, Direct Current	Evren KILINÇ
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electrochemical Potential, Nernst Potential	Evren KILINÇ
14:20 - 15:00	PANEL: Cellular Signaling Advanced Topics	DURER, ÖZ ARSLAN, ERGEN
15:10 - 15:50	PANEL: Cellular Signaling Advanced Topics	DURER, ÖZ ARSLAN, ERGEN
16:00 - 16:40	PANEL: Cellular Signaling Advanced Topics	DURER, ÖZ ARSLAN, ERGEN
16:50 - 17:30	Study Time	

09.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Membrane Potential and Action Potential	Evren KILINÇ
10:10 - 10:50	Membrane Potential and Action Potential	Evren KILINÇ
11:00 - 11:40	Excitable Tissue and Action Potential	Mehmet ERGEN
11:50 - 12:30	Excitable Tissue and Action Potential	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for CMPS/RiH TBL - Causation in Epidemiology	
14:20 - 15:00	Study Time for CMPS/RiH TBL - Types of Association	
15:10 - 15:50	Study Time for CMPS/RiH TBL - Types of Causal Relationship	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

10.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Conduction of Action Potential	Evren KILINÇ
11:00 - 11:40	Flow of Energy in Nature, First Law of Thermodynamics	Beki KAN
11:50 - 12:30	Flow of Energy in Nature, First Law of Thermodynamics	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for CMPS/RiH TBL - Criteria for Causality	TOPSEVER, DEMİR
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

11.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Action potential_Group A	Mehmet ERGEN – A301
10:10 - 10:50	LAB: Action potential_Group A	Mehmet ERGEN – A301
11:00 - 11:40	The second law of thermodynamics, entropy, free energy	Beki KAN
11:50 - 12:30	The second law of thermodynamics, entropy, free energy	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

12.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RiH: Practicing causation criteria - TBL	TOPSEVER, DEMİR
10:10 - 10:50	CMPS/RiH: Practicing causation criteria - TBL	TOPSEVER, DEMİR
11:00 - 11:40	CMPS/RiH: Practicing causation criteria - TBL	TOPSEVER, DEMİR
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Sampling methods and missing data	Özgür ASAR
14:20 - 15:00	Biostatistics: Sampling methods and missing data	Özgür ASAR
15:10 - 15:50	Biostatistics: Sampling methods and missing data	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

13.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Action potential_Group B	Mehmet ERGEN - A301
10:10 - 10:50	LAB: Action potential_Group B	Mehmet ERGEN - A301
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Free energy and thermodynamic properties of water	Beki KAN
14:20 - 15:00	Coupling of biological reactions with high energy metabolites	Zeynep DURER
15:10 - 15:50	Coupling of biological reactions with high energy metabolites	Zeynep DURER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Energetics of Electron Transport	Zeynep DURER
10:10 - 10:50	Energetics of Electron Transport	Zeynep DURER
11:00 - 11:40	Structure and classification of enzymes	Ahmet Tarık BAYKAL
11:50 - 12:30	Properties of enzymes, factors affecting enzymatic reactions	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Michaelis-Menten Equation	Ahmet Tarık BAYKAL
14:20 - 15:00	Regulation of enzyme activity	Ahmet Tarık BAYKAL
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

17.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Allosteric regulation and covalent modification	Ahmet Tarık BAYKAL
10:10 - 10:50	Isoenzymes and clinical importance	Fehime AKSUNGAR
11:00 - 11:40	COMPUTER LAB: Enzyme kinetics_Group B	Ahmet Tarık BAYKAL
11:50 - 12:30	COMPUTER LAB: Enzyme kinetics_Group B	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

18.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	COMPUTER LAB: Enzyme kinetics_Group A	Ahmet Tarık BAYKAL
11:50 - 12:30	COMPUTER LAB: Enzyme kinetics_Group A	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

19.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/RiH: Literature review practice	TOPSEVER, DEMİR
11:00 - 11:40	CMPS/RiH: Literature review practice	TOPSEVER, DEMİR
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biostatistics: Power analysis and sample size calculation	Özgür ASAR
14:20 - 15:00	Biostatistics: Power analysis and sample size calculation	Özgür ASAR
15:10 - 15:50	Biostatistics: Power analysis and sample size calculation	Özgür ASAR
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

20.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Medical English I	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

23.12.2019 MONDAY (MED 113 THEORETICAL EXAMINATION I: 13:30-15:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

24.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	General principles of metabolic pathways	Aysel ÖZPINAR
10:10 - 10:50	General principles of metabolic pathways	Aysel ÖZPINAR
11:00 - 11:40	Oogenesis	Serap ARBAK
11:50 - 12:30	Oogenesis	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Spermatogenesis	Merve AÇIKEL ELMAS
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

25.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Glycolysis	Aysel ÖZPINAR
10:10 - 10:50	Glycolysis	Aysel ÖZPINAR
11:00 - 11:40	Fertilization	Deniz YÜCEL
11:50 - 12:30	Implantation	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English I	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

26.12.2019 THURSDAY (MED 131 Biostatistics FINAL EXAMINATION: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RiH: Research integrity, publication ethics	Fatih ARTVİNLİ
10:10 - 10:50	CMPS/RiH: Research integrity, publication ethics	Fatih ARTVİNLİ
11:00 - 11:40	CMPS/RiH: Research integrity, publication ethics	Fatih ARTVİNLİ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course I / Study time	
16:50 - 17:30	Elective Course I / Study time	

27.12.2019 FRIDAY (MED 133 Medical English I FINAL EXAMINATION: 11:00-12:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Gluconeogenesis	Aysel ÖZPINAR
10:10 - 10:50	Gluconeogenesis	Aysel ÖZPINAR
11:00 - 11:40	Medical English I EXAM	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English I EXAM	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Glycogenesis	Yasemin FURTUN UÇAL
14:20 - 15:00	Glycogenesis	Yasemin FURTUN UÇAL
15:10 - 15:50	Induction mechanisms of embryology	Merve AÇIKEL ELMAS
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Glycogenolysis	Yasemin FURTUN UÇAL
10:10 - 10:50	Glycogenolysis	Yasemin FURTUN UÇAL
11:00 - 11:40	Hexose monophosphate shunt	Aysel ÖZPINAR
11:50 - 12:30	Hexose monophosphate shunt	Aysel ÖZPINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TCA cycle	Aysel ÖZPINAR
14:20 - 15:00	TCA cycle	Aysel ÖZPINAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.01.2020 WEDNESDAY		
08:30 - 09:10	New Year's Day	
09:20 - 10:00	New Year's Day	
10:10 - 10:50	New Year's Day	
11:00 - 11:40	New Year's Day	
11:50 - 12:30	New Year's Day	
12:30 - 13:30	New Year's Day	
13:30 - 14:10	New Year's Day	
14:20 - 15:00	New Year's Day	
15:10 - 15:50	New Year's Day	
16:00 - 16:40	New Year's Day	
16:50 - 17:30	New Year's Day	

02.01.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
11:00 - 11:40	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
14:20 - 15:00	Oxidative phosphorylation and electron transport chain	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.01.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Metabolism of amino acids	Abdurrahman COŞKUN
11:00 - 11:40	Metabolism of amino acids	Abdurrahman COŞKUN
11:50 - 12:30	Metabolism of amino acids	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolism of proteins	Abdurrahman COŞKUN
14:20 - 15:00	Formation of bilaminar and trilaminar embryonic disc	Serap ARBAK
15:10 - 15:50	Formation of bilaminar and trilaminar embryonic disc	Serap ARBAK
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.01.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Metabolism of nucleic acids	Abdurrahman COŞKUN
10:10 - 10:50	Metabolism of nucleic acids	Abdurrahman COŞKUN
11:00 - 11:40	Biosynthesis of lipids	Fehime AKSUNGAR
11:50 - 12:30	Biosynthesis of lipids	Fehime AKSUNGAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolism of nucleotids	Ahmet Tarık BAYKAL
14:20 - 15:00	Oxidation of lipids	Fehime AKSUNGAR
15:10 - 15:50	Oxidation of lipids	Fehime AKSUNGAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.01.2020 TUESDAY (Atatürk's Principles and History of Revolution I FINAL EXAMINATION: 12:45-13.30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Glucose and cholesterol measurement_Group B	BAYKAL, FURTUN UÇAL
10:10 - 10:50	LAB: Glucose and cholesterol measurement_Group B	BAYKAL, FURTUN UÇAL
11:00 - 11:40	Formation of neurulation and organ systems	Serap ARBAK
11:50 - 12:30	Formation of neurulation and organ systems	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.01.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Extraembryonic structures	Serap ARBAK
11:00 - 11:40	Extraembryonic structures	Serap ARBAK
11:50 - 12:30	Development of skin and adnex	Deniz YÜCEL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
14:20 - 15:00	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
15:10 - 15:50	Metabolic effects of vitamins and micronutrients	Aysel ÖZPINAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.01.2020 THURSDAY (MED 131 Biostatistics MAKE-UP EXAMINATION: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	LAB: Glucose and cholesterol measurement_Group A	BAYKAL, FURTUN UÇAL
11:00 - 11:40	LAB: Glucose and cholesterol measurement_Group A	BAYKAL, FURTUN UÇAL
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Stem cells	Deniz YÜCEL
14:20 - 15:00	Stem cells	Deniz YÜCEL
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.01.2020 FRIDAY (MED 133 Medical English I MAKE-UP EXAMINATION: 13:30-15:00)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Small group discussion related to metabolic diseases	AÖ, FA, ATB, YU
10:10 - 10:50	Small group discussion related to metabolic diseases	AÖ, FA, ATB, YU
11:00 - 11:40	Small group discussion related to metabolic diseases	AÖ, FA, ATB, YU
11:50 - 12:30	Small group discussion related to metabolic diseases	AÖ, FA, ATB, YU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.01.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.01.2020 TUESDAY (MED 113 THEORETICAL EXAMINATION II: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.01.2020 WEDNESDAY (Turkish Language and Literature I FINAL EXAMINATION: 12:45-13.30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.01.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.01.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	



SCHOOL OF MEDICINE
2019-2020

YEAR 1
SPRING SEMESTER
SCHEDULE



03.02.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Introduction to MED 114 Subject Committee	ŞAHİNER, HATIRNAZ NG
11:50 - 12:30	Principles of Medical Microbiology	Tanıl KOCAGÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Laboratory safety, collection and transport of specimens	Neval YURTTUTAN UYAR
14:20 - 15:00	Bacterial classification; Observation of microorganisms by microscopy	Sinem ÖKTEM OKULLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

04.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	General structures of bacteria, mycoplasma, chlamydia & rickettsiae	Sinem ÖKTEM OKULLU
11:50 - 12:30	General structures of bacteria, mycoplasma, chlamydia & rickettsiae	Sinem ÖKTEM OKULLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electromagnetic spectrum	Evren KILINÇ
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

05.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Radioactivity and decay law	Beki KAN
11:50 - 12:30	Types of radiation	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

06.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S: Introduction to Health and Society (H&S)	Yeşim YASİN
10:10 - 10:50	CMPS/H&S: Social sciences in health	İnci USER
11:00 - 11:40	CMPS/H&S: Focus group discussions on health and illness	İU,PT,FD,MŞ,YY,ŞP,FA,YÜ,LA,MC
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Molecular biology and genetics background	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Molecular biology and genetics background	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Molecular biology and genetics background	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

07.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Sterilization and disinfection	Özgür KURT
10:10 - 10:50	Sterilization and disinfection	Özgür KURT
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Microbial growth cultivation of microorganisms	Yeşim BEŞLİ
14:20 - 15:00	Microbial growth cultivation of microorganisms	Yeşim BEŞLİ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.02.2020 MONDAY		
08:30 - 09:10	Introduction to PBL	Introduction to PBL
09:20 - 10:00	Introduction to PBL	Introduction to PBL
10:10 - 10:50	Introduction to PBL	Introduction to PBL
11:00 - 11:40	Introduction to PBL	Introduction to PBL
11:50 - 12:30	Introduction to PBL	Introduction to PBL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to PBL	Introduction to PBL
14:20 - 15:00	Introduction to PBL	Introduction to PBL
15:10 - 15:50	Introduction to PBL	Introduction to PBL
16:00 - 16:40	Introduction to PBL	Introduction to PBL
16:50 - 17:30	Introduction to PBL	Introduction to PBL

11.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Interaction of radiation with matter	Devrim ÖZ ARSLAN
10:10 - 10:50	Dosimetry, basic concepts	Devrim ÖZ ARSLAN
11:00 - 11:40	Microbial genetics	Işın AKYAR
11:50 - 12:30	Microbial genetics	Işın AKYAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physical and biological half life	Beki KAN
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

12.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Microbial pathogenesis	Sinem ÖKTEM OKULLU
10:10 - 10:50	Microbial pathogenesis	Sinem ÖKTEM OKULLU
11:00 - 11:40	Cellular quality control mechanisms	Devrim ÖZ ARSLAN
11:50 - 12:30	Cellular quality control mechanisms	Devrim ÖZ ARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

13.02.2020 THURSDAY		
08:30 - 09:10	CMPS/H&S: Health, illness, disease and sickness	İnci USER
09:20 - 10:00	CMPS/H&S: Social aspects of the body	İnci USER
10:10 - 10:50	CMPS/H&S: Social history of disease	İnci USER
11:00 - 11:40	CMPS/H&S: Social history of disease	İnci USER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Functional impact of mutations	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Functional impact of mutations	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Functional impact of mutations	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

14.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Molecular and radiobiological behavior	Devrim ÖZ ARSLAN
10:10 - 10:50	Effects of ionizing radiation on the cell and organism	Devrim ÖZ ARSLAN
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.02.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Biochemical aspects of cell death	Fehime AKSUNGAR
11:00 - 11:40	Biochemical aspects of cell death	Fehime AKSUNGAR
11:50 - 12:30	Cellular responses to stress and toxic insults	İlkser AKPOLAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cellular responses to stress and toxic insults	İlkser AKPOLAT
14:20 - 15:00	Cellular responses to stress and toxic insults	İlkser AKPOLAT
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

18.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Hereditary cancers	Uğur ÖZBEK
11:50 - 12:30	Hereditary cancers	Uğur ÖZBEK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

19.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Acute inflammation	Yeşim SAĞLİCAN
11:00 - 11:40	Acute inflammation	Yeşim SAĞLİCAN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

20.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S: Narratives of ill health	İnci USER
10:10 - 10:50	CMPS/H&S: Disease causation theories	İnci USER
11:00 - 11:40	CMPS/H&S: Disease causation theories	USER, TOPSEVER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Alignment algorithms 1, Global alignment	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Alignment algorithms 1, Global alignment	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Alignment algorithms 1, Global alignment	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

21.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	General structures of viruses	Yeşim BEŞLİ
10:10 - 10:50	General structures of viruses	Yeşim BEŞLİ
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.02.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Chronic inflammation	Yeşim SAĞLICAN
11:50 - 12:30	Chronic inflammation	Yeşim SAĞLICAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cancer epidemiology and etiology	Yeşim YASİN
14:20 - 15:00	International classification of functionality	Efe ONGANER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

25.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Tissue renewal, repair and regeneration	İlker AKPOLAT
11:50 - 12:30	Tissue renewal, repair and regeneration	İlker AKPOLAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

26.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Definitions and nomenclature of neoplasia	Cüyan DEMİRKESEN
11:50 - 12:30	Characteristics of benign and malignant tumors	Cüyan DEMİRKESEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

27.02.2020 THURSDAY		
08:30 - 09:10	CMPS/H&S: Basic health outcomes and burden of disease	Figen DEMİR
09:20 - 10:00	CMPS/H&S: Basic health outcomes and burden of disease	Figen DEMİR
10:10 - 10:50	CMPS/H&S: PBL Session	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
11:00 - 11:40	CMPS/H&S: PBL Session	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Alignment algorithms 2, Local and semi global	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Alignment algorithms 2, Local and semi global	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Alignment algorithms 2, Local and semi global	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

28.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	General structures of fungi	Neval YURTTUTAN UYAR
10:10 - 10:50	General structures of fungi	Neval YURTTUTAN UYAR
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Rate of growth, invasion and metastasis	Cüyan DEMİRKESEN
14:20 - 15:00	Epidemiology, enviromental factors, heredity	Cüyan DEMİRKESEN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	General structures of parasites	Özgür KURT
11:00 - 11:40	General structures of parasites	Özgür KURT
11:50 - 12:30	General structures of parasites	Özgür KURT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

03.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	General principles of molecular basis of cancer and oncogenes	Cüyan DEMİRKESEN
11:50 - 12:30	Tumor suppressor and other genes in carcinogenesis	Cüyan DEMİRKESEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cancer prevention (periodical health examination and screening)	Pınar TOPSEVER
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

04.03.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Angiogenesis, metastatic cascade, carcinogenetic agents	Cüyan DEMİRKESEN
11:00 - 11:40	Host defense against tumor	Cüyan DEMİRKESEN
11:50 - 12:30	Clinical aspects of neoplasia, grading and staging of tumors	Cüyan DEMİRKESEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

05.03.2020 THURSDAY		
08:30 - 09:10	CMPS/H&S: PBL Session	İÜ, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
09:20 - 10:00	CMPS/H&S: PBL Session	İÜ, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
10:10 - 10:50	CMPS/H&S: Social determinants of health	İnci USER
11:00 - 11:40	CMPS/H&S: Social determinants of health	İnci USER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Database search algorithms (BLAST, FASTA)	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Database search algorithms (BLAST, FASTA)	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Database search algorithms (BLAST, FASTA)	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

06.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Mechanisms of neoplasia and tumor markers	Fehime AKSUNGAR
10:10 - 10:50	Mechanisms of neoplasia and tumor markers	Fehime AKSUNGAR
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

10.03.2020 TUESDAY (MED 114 THEORETICAL EXAMINATION: 17:30-19.30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

11.03.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED 112 Subject Committee	ÖZ ARSLAN, AÇIKEL ELMAS
11:00 - 11:40	Histology of blood cells	Merve AÇIKEL ELMAS
11:50 - 12:30	Functions of the erythrocytes	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

12.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S: Inequalities and inequities 1	İnci USER
10:10 - 10:50	CMPS/H&S: Inequalities and inequities 2	Yeşim YASİN
11:00 - 11:40	CMPS/H&S: Inequalities and inequities 3	Yeşim YASİN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Next generation sequencing algorithms	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Next generation sequencing algorithms	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Next generation sequencing algorithms	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

13.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Histology of the lymphatic organs	Serap ARBAK
10:10 - 10:50	Histology of the lymphatic organs	Serap ARBAK
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	LAB: Lymphoid organs and blood_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
11:50 - 12:30	LAB: Lymphoid organs and blood_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Lymphoid organs and blood_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
14:20 - 15:00	LAB: Lymphoid organs and blood_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS – A301
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

17.03.2020 TUESDAY (Atatürk's Principles and History of Revolution EXAMINATION: 12.45-13:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Hematopoiesis	Deniz YÜCEL
10:10 - 10:50	Functions of the leukocytes	Hande YAPIŞLAR
11:00 - 11:40	Functions of the leukocytes	Hande YAPIŞLAR
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

18.03.2020 WEDNESDAY (Turkish Language and Literature EXAMINATION: 12.45-13:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	TBL Introduction: Function of Platelets and Coagulation Mechanism	ALTINTAŞ, YAPIŞLAR, FURTUN UÇAL
11:00 - 11:40	Development of the lymphatic organs	Merve AÇIKEL ELMAS
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

19.03.2020 THURSDAY		
08:30 - 09:10	CMPS/H&S: Dialogue of a physician and social scientist	Ürün ÖZER
09:20 - 10:00	CMPS/H&S: Dialogue of a physician and social scientist	Ürün ÖZER
10:10 - 10:50	CMPS/H&S: Medicine as an Instrument of social control	İnci USER
11:00 - 11:40	CMPS/H&S: Medicine as an Instrument of social control	İnci USER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Physical mapping of DNA	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Physical mapping of DNA	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Physical mapping of DNA	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

20.03.2020 FRIDAY (MED 134 Medical English II EXAMINATION: 11:00-12:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Medical English II in class EXAM	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II in class EXAM	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biochemical features of blood cells	Yasemin FURTUN UÇAL
14:20 - 15:00	Biochemical features of blood cells	Yasemin FURTUN UÇAL
15:10 - 15:50	Study Time for TBL	
16:00 - 16:40	Study Time for TBL	
16:50 - 17:30	Study Time for TBL	

23.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Blood groups	Hande YAPIŞLAR
11:50 - 12:30	Heme synthesis and disorders	Yasemin FURTUN UÇAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Metabolism of oxygen binding proteins	Yasemin FURTUN UÇAL
14:20 - 15:00	Metabolism of oxygen binding proteins	Yasemin FURTUN UÇAL
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

24.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	TBL Session: Function of Platelets	YAPIŞLAR, FURTUN UÇAL
11:00 - 11:40	TBL Session: Function of Platelets	YAPIŞLAR, FURTUN UÇAL
11:50 - 12:30	TBL Session: Function of Platelets	YAPIŞLAR, FURTUN UÇAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

25.03.2020 WEDNESDAY (MED 122 CMPS/H&S EXAMINATION: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

26.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/CS: Introduction to communication skills (CS)	TOPSEVER, PARKAN, ALTINTAŞ
11:00 - 11:40	CMPS/CS: Orientation to CS	Levent ALTINTAŞ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Restriction enzymes and hybridization	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Restriction enzymes and hybridization	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Restriction enzymes and hybridization	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

27.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time for TBL	
10:10 - 10:50	Study Time for TBL	
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Blood groups and hematocrit_Group A	Hande YAPIŞLAR
14:20 - 15:00	LAB: Blood groups and hematocrit_Group A	Hande YAPIŞLAR
15:10 - 15:50	LAB: Blood groups and hematocrit_Group B	Hande YAPIŞLAR
16:00 - 16:40	LAB: Blood groups and hematocrit_Group B	Hande YAPIŞLAR
16:50 - 17:30	Study Time	

30.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	TBL Session: Coagulation Mechanism	YAPIŞLAR, FURTUN UÇAL
11:00 - 11:40	TBL Session: Coagulation Mechanism	YAPIŞLAR, FURTUN UÇAL
11:50 - 12:30	TBL Session: Coagulation Mechanism	YAPIŞLAR, FURTUN UÇAL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

31.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Blood smear_Group B	Hande YAPIŞLAR
10:10 - 10:50	LAB: Blood smear_Group B	Hande YAPIŞLAR
11:00 - 11:40	LAB: Blood smear_Group B	Hande YAPIŞLAR
11:50 - 12:30	LAB: Blood smear_Group B	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

01.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBL Review: Function of Platelets and Coagulation Mechanism	YAPIŞLAR, FURTUN UÇAL
10:10 - 10:50	Principles of Immunology	Tanıl KOCAGÖZ
11:00 - 11:40	Antigens	Sinem ÖKTEM OKULLU
11:50 - 12:30	Innate immunity	Neval YURTTUTAN UYAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

02.04.2020 THURSDAY (MED 132 Bioinformatics MIDTERM EXAMINATION: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Stages of psychosocial development	Şebnem AKAN
10:10 - 10:50	CMPS/CS: Attention, emotion, cognition	İlyas GÖZ
11:00 - 11:40	CMPS/CS: Understanding communication within human behaviour	Levent ALTINTAŞ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Phylogenetics analysis 1 (Gut Microbiome)	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Phylogenetics analysis 1 (Gut Microbiome)	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Phylogenetics analysis 1 (Gut Microbiome)	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

03.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PBL_Session 1	
10:10 - 10:50	PBL_Session 1	
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for PBL	
14:20 - 15:00	Study Time for PBL	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Blood smear_Group A	Hande YAPIŞLAR
10:10 - 10:50	LAB: Blood smear_Group A	Hande YAPIŞLAR
11:00 - 11:40	LAB: Blood smear_Group A	Hande YAPIŞLAR
11:50 - 12:30	LAB: Blood smear_Group A	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

07.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Mechanisms of major anemias	Yasemin FURTUN UÇAL
10:10 - 10:50	Mechanisms of major anemias	Yasemin FURTUN UÇAL
11:00 - 11:40	Complement system	Tanıl KOCAGÖZ
11:50 - 12:30	Complement system	Tanıl KOCAGÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

08.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Prostaglandins	Abdurrahman COŞKUN
10:10 - 10:50	Prostaglandins	Abdurrahman COŞKUN
11:00 - 11:40	Adaptive immunity	Tanıl KOCAGÖZ
11:50 - 12:30	Adaptive immunity	Tanıl KOCAGÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

09.04.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Basic principles of CS (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER
10:10 - 10:50	CMPS/CS: Basic principles of CS (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER
11:00 - 11:40	CMPS/CS: Basic principles of CS (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Phylogenetics analysis 2 (Gut Microbiome)	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Phylogenetics analysis 2 (Gut Microbiome)	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Phylogenetics analysis 2 (Gut Microbiome)	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

10.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PBL_Session 2	
10:10 - 10:50	PBL_Session 2	
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for PBL	
14:20 - 15:00	Study Time for PBL	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Antibodies	Neval YURTTUTAN UYAR
11:50 - 12:30	Antibodies	Neval YURTTUTAN UYAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cytokines	Abdurrahman COŞKUN
14:20 - 15:00	Immune disorders: Hypersensitivity reactions	Günseli BOZDOĞAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

14.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Plasma proteins	Abdurrahman COŞKUN
11:50 - 12:30	Plasma proteins	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Hypersensitivity reactions	Işın DOĞAN EKİCİ
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

15.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Transplantation rejection pathology and autoimmune diseases	Işın DOĞAN EKİCİ
11:00 - 11:40	Transplantation rejection pathology and autoimmune diseases	Işın DOĞAN EKİCİ
11:50 - 12:30	Benign lymph node diseases	Nuray BAŞSÜLLÜ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

16.04.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: How to manage stress (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER
10:10 - 10:50	CMPS/CS: How to manage stress (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER
11:00 - 11:40	CMPS/CS: How to manage stress (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Profile matrices, Functional classification	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Profile matrices, Functional classification	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Profile matrices, Functional classification	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

17.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PBL_Session 3	
10:10 - 10:50	PBL_Session 3	
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
11:50 - 12:30	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
14:20 - 15:00	Lymphoid neoplasms	Nuray BAŞSÜLLÜ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

21.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of bone marrow	Nuray BAŞSÜLLÜ
11:50 - 12:30	Pathology of bone marrow	Nuray BAŞSÜLLÜ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Fluorescence applications in medicine	Devrim ÖZ ARSLAN
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

22.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of bone marrow	Nuray BAŞSÜLLÜ
10:10 - 10:50	Pathology of bone marrow	Nuray BAŞSÜLLÜ
11:00 - 11:40	CMPS/CS: Empathy (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ
11:50 - 12:30	CMPS/CS: Empathy (Assessment&Practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

23.04.2020 THURSDAY		
08:30 - 09:10	National Sovereignty and Children's Day	
09:20 - 10:00	National Sovereignty and Children's Day	
10:10 - 10:50	National Sovereignty and Children's Day	
11:00 - 11:40	National Sovereignty and Children's Day	
11:50 - 12:30	National Sovereignty and Children's Day	
12:30 - 13:30	National Sovereignty and Children's Day	
13:30 - 14:10	National Sovereignty and Children's Day	
14:20 - 15:00	National Sovereignty and Children's Day	
15:10 - 15:50	National Sovereignty and Children's Day	
16:00 - 16:40	National Sovereignty and Children's Day	
16:50 - 17:30	National Sovereignty and Children's Day	

24.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Immunological diagnostic tools	Neval YURTTUTAN UYAR
11:50 - 12:30	Immunological diagnostic tools	Neval YURTTUTAN UYAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Megaloblastic anemia	Siret RATİP
14:20 - 15:00	Sickle cell anemia	Siret RATİP
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

28.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Approach to a patient with anemia	Fatma DEMİR YENİGÜRBÜZ
11:00 - 11:40	Approach to a patient with bleeding disorder	Siret RATİP
11:50 - 12:30	Thrombophilia and deep venous thrombosis	Siret RATİP
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

29.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Myeloproliferative neoplasm	Ant UZAY
11:00 - 11:40	Multiple myeloma	Ant UZAY
11:50 - 12:30	Myelodysplastic syndrome	Ant UZAY
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

30.04.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/CS: Doctor patient relationship (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER
10:10 - 10:50	CMPS/CS: Doctor patient relationship (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER
11:00 - 11:40	CMPS/CS: Doctor patient relationship (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Genome annotation	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Genome annotation	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Genome annotation	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

01.05.2020 FRIDAY		
08:30 - 09:10	Labor and Solidarity Day	
09:20 - 10:00	Labor and Solidarity Day	
10:10 - 10:50	Labor and Solidarity Day	
11:00 - 11:40	Labor and Solidarity Day	
11:50 - 12:30	Labor and Solidarity Day	
12:30 - 13:30	Labor and Solidarity Day	
13:30 - 14:10	Labor and Solidarity Day	
14:20 - 15:00	Labor and Solidarity Day	
15:10 - 15:50	Labor and Solidarity Day	
16:00 - 16:40	Labor and Solidarity Day	
16:50 - 17:30	Labor and Solidarity Day	

04.05.2020 MONDAY		
08:30 - 09:10	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
09:20 - 10:00	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
10:10 - 10:50	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
11:00 - 11:40	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
11:50 - 12:30	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
14:20 - 15:00	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
15:10 - 15:50	CMPS/CS: Decontamination Disinfection Hand Washing (CASE)	PT, FD, DD, DK, MŞ, ŞP,YY
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

05.05.2020 TUESDAY		
08:30 - 09:10	CMPS/CS: Student group performances (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER, DİNÇ
09:20 - 10:00	CMPS/CS: Student group performances (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER, DİNÇ
10:10 - 10:50	CMPS/CS: Student group performances (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER, DİNÇ
11:00 - 11:40	CMPS/CS: Student group performances (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER, DİNÇ
11:50 - 12:30	CMPS/CS: Student group performances (Assessment&practice in class)	ALTINTAŞ, PARKAN, TOPSEVER, DİNÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
15:10 - 15:50	Atatürk's Principles and History of Revolution	Özgür Mutlu ULUS KARADAĞ
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

06.05.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Iron deficiency anemia in PHC	Demet DİNÇ
11:50 - 12:30	Molecular basis of hemoglobinopathies	Cemaliye AKYERLİ BOYLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English II	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
15:10 - 15:50	Turkish Language and Literature	Hülya DÜNDAR ŞAHİN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

07.05.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to pharmacology and toxicology	İsmail Hakkı ULUS
10:10 - 10:50	Hematopoetics drugs: Growth factors, minerals and vitamins	İsmail Hakkı ULUS
11:00 - 11:40	From pathology to disease	Pınar TOPSEVER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioinformatics: Sequence databases and search methods	Uğur SEZERMAN
14:20 - 15:00	Bioinformatics: Sequence databases and search methods	Uğur SEZERMAN
15:10 - 15:50	Bioinformatics: Sequence databases and search methods	Uğur SEZERMAN
16:00 - 16:40	Elective Course II / Study time	
16:50 - 17:30	Elective Course II / Study time	

08.05.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Medical English II	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CS: Team building & leadership (Assessment&practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ
14:20 - 15:00	CMPS/CS: Team building & leadership (Assessment&practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ
15:10 - 15:50	CMPS/CS: Team building & leadership (Assessment&practice in class)	ALTINTAŞ, TOPSEVER, DİNÇ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.05.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Laboratory diagnosis of allergic diseases	Mustafa SERTESER
11:50 - 12:30	Laboratory diagnosis of allergic diseases	Mustafa SERTESER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Molecular basis of hematological malignancies	Uğur ÖZBEK
14:20 - 15:00	Molecular basis of hematological malignancies	Uğur ÖZBEK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

12.05.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.05.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.05.2020 THURSDAY (MED 132 Bioinformatics FINAL EXAMINATION 17:30-19:30)		
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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.05.2020 FRIDAY (MED 134 Medical English II FINAL EXAMINATION: 11:00-12:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Medical English II in class EXAM	BOWARSHI, DUMAN, WILLCOCK
11:50 - 12:30	Medical English II in class EXAM	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S: Primary health care in Turkey, Site Visit PC Facilities	
14:20 - 15:00	CMPS/H&S: Primary health care in Turkey, Site Visit PC Facilities	
15:10 - 15:50	CMPS/H&S: Primary health care in Turkey, Site Visit PC Facilities	
16:00 - 16:40	CMPS/H&S: Primary health care in Turkey, Site Visit PC Facilities	
16:50 - 17:30	CMPS/H&S: Primary health care in Turkey, Site Visit PC Facilities	

18.05.2020 MONDAY (MED 112 THEORETICAL EXAMINATION: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.05.2020 TUESDAY		
08:30 - 09:10	Commemoration Atatürk, Youth and Sports Day	
09:20 - 10:00	Commemoration Atatürk, Youth and Sports Day	
10:10 - 10:50	Commemoration Atatürk, Youth and Sports Day	
11:00 - 11:40	Commemoration Atatürk, Youth and Sports Day	
11:50 - 12:30	Commemoration Atatürk, Youth and Sports Day	
12:30 - 13:30	Commemoration Atatürk, Youth and Sports Day	
13:30 - 14:10	Commemoration Atatürk, Youth and Sports Day	
14:20 - 15:00	Commemoration Atatürk, Youth and Sports Day	
15:10 - 15:50	Commemoration Atatürk, Youth and Sports Day	
16:00 - 16:40	Commemoration Atatürk, Youth and Sports Day	
16:50 - 17:30	Commemoration Atatürk, Youth and Sports Day	

20.05.2020 WEDNESDAY		
08:30 - 09:10	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
09:20 - 10:00	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
10:10 - 10:50	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
11:00 - 11:40	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
11:50 - 12:30	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
14:20 - 15:00	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
15:10 - 15:50	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
16:00 - 16:40	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA
16:50 - 17:30	CMPS/H&S: Poster presentation and evaluation	İU, PT, FD, MŞ, YY, ŞP, FA, YÜ, LA

21.05.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

22.05.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.05.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.05.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.05.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.05.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.05.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

YEAR 2 COURSES

COURSE CATEGORY	CODE	COURSE NAME	Theoretical Hours			Practical Hours				Instructional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS	
			Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice						Sub Total
Biomedical Subject Committees (BSC)	MED 211	Cell and Tissue Injury-II	86		86	25				25	111	60	171	7	6
	MED 213	Musculoskeletal System and Related Disorders	89	17	106	23				23	129	70	199	8	7
	MED 212	Nervous System and Related Disorders	159		159	15				15	174	160	334	13	13
	MED 214	Growth, Development and Endocrine Disorders	44	21	65	4				4	69	60	129	5	5
BSC 2 TOTAL			378	38	416	67				67	483	350	833	33	31
Integrated Medical Courses	MED 221	Research in Health-II	24	16	40	16	45	2		63	103	210	313	5	12
	MED 222	Medical Ethics and Humanities-II	20	11	31						31	40	71	2	3
	CMPS 2	TOTAL	44	27	71	16	45	2		63	134	250	384	7	15
Complementary Medical Courses (CMC)	EMED 201	Electives in Medicine-I	7	7	14	14	14			28	42	60	102	2	4
	EMED 202	Electives in Medicine-II	7	7	14	14	14			28	42	60	102	2	4
	MED 233	Medical English-III	28	14	42						42	42	84	3	2
	MED 234	Medical English-IV	28	14	42						42	42	84	3	2
Common Courses (CC)	ELE 297	Elective Course-III	28	0	28						28	5	33	2	1
	ELE 298	Elective Course-IV	28	0	28						28	5	33	2	1
TOTAL			610	103	713	72	5	8	85	798	784	1582	56	60	

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

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

Lab Study: Practices in Basic Science and Computer Labs.

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

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

Study Time: Self Directed Learning, Preparation.



Course Name	Cell and Tissue injury II	MED 211
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Fall
Course Dates	26.11.2019-15.01.2020

Theoretical Hours	86	Credit 7	ECTS 6
Practical Hours	25		
Study Hours	60		
TOTAL HOURS	171		

Course Chairs

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Educational Methods	Lectures and Lab Study
Course Aims	
<p>The aim of this subject committee is to provide necessary knowledge about the basic mechanisms of injury and describe the general features of clinically important microorganisms.</p>	
Learning Outcomes	
<p>By the end of this subject committee, the students will be able to:</p> <ol style="list-style-type: none"> 1. classify infectious microorganisms and define their pathogenic features 2. describe bacterial, viral, fungal and parasitic infections and their disease causing mechanisms 3. apply laboratory methods for the diagnosis of infectious agents 4. define the basic pharmacokinetic and pharmacodynamics principles of drugs 	
Assessment Methods	Written examination, case analyses, standardized evaluation of projects and performances and group presentations of assignments.



Course Name	Nervous System and Related Diseases	MED 212
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Spring
Course Dates	03.02.2020-20.04.2020

Theoretical Hours	159	Credit 13	ECTS 13
Practical Hours	15		
Study Hours	160		
TOTAL HOURS	334		

Course Chairs

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Educational Methods	Lectures and Lab Study
Course Aims	
<p>The aim of this course is to provide knowledge about the normal structure and function of the nervous. It also aims to explain pathological changes in these structures and relate them with common nervous system diseases.</p>	
Learning Outcomes	
<p>By the end of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Explain the cellular and molecular structure and developmental processes of the nervous system 2. Use the terminology of the nervous system 3. Describe the parts of the nervous system, their structures and localizations, their relations with each other 4. Explain the functions of the nervous system 5. Explain the basic histopathologic changes of the nervous system 6. Describe infectious agents associated with the nervous system, explain the pathological changes they make, and associate them with clinical information 7. Describe the disorders of the nervous system with clinical knowledge of the occurrence of diseases 8. Describe pharmacological approaches to functional changes of the nervous system 9. Explain the biophysical mechanisms of senses. 	
Assessment Methods	Theoretical and Practical Examinations



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

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Fall
Course Dates	16.09.2019-25.11.2019

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

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Educational Methods	Lectures , Team based learning, Lab Study
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Course Aims

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

Learning Outcomes

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

1. describe the structure and biomechanics of the musculoskeletal system
2. explain the structure and function of the neuromuscular junction
3. cite the steps of the mechanism of muscle contraction
4. explain the effect of the peripheral nervous system on the locomotor system
5. define the bone metabolism and related pathological changes
6. describe common musculoskeletal system traumas and the pathological changes that they entail
7. explain non-traumatic pathological changes in the bone, joint, and soft tissue
8. explain the pharmacological approaches to the disorders of the musculoskeletal system
9. associate the defects in the normal structure and function of the musculoskeletal system with common disorders and clinical cases

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

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Spring
Course Dates	22.04.2020-29.05.2020

Theoretical Hours	65	Credit 5	ECTS 5
Practical Hours	4		
Study Hours	60		
TOTAL HOURS	129		

Course Chairs

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*Affiliated Faculty

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

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

Learning Outcomes

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

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

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

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Fall
Course Dates	01.10.2019-20.12.2019

Theoretical Hours	40	Credit 5	ECTS 12
Practical Hours	63		
Study Hours	210		
TOTAL HOURS	316		

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Educational Methods	Interactive lectures, field studies, group assignments, group presentations, peer group learning experiences, simulated patient encounters
Course Aims	
<p>This course aims to;</p> <p>Research in Health to create a learning opportunity for students to gain knowledge and skills related to planning and conducting a medical research project.</p> <p>Clinical Communication Skills: "History Taking"</p> <ul style="list-style-type: none"> • communicating effectively with patients, their relatives and carers • taking a medical history in a patient-centred manner 	
Learning Outcomes	
<p>By the end of this course, the students will be able to:</p> <p>Research in health:</p> <ul style="list-style-type: none"> • formulate a simple relevant research question in biomedical, psychosocial or population science • design an appropriate study or experiment to address the question • plan a data collection method and develop necessary tools depending on the nature of information • explain the ethical and legal issues involved in medical research • write a research proposal • perform the designed study and analyze the collected data • present the results <p>Clinical and Communication Skills:</p> <ul style="list-style-type: none"> • name the steps and define the structure of a medical patient interview • demonstrate active listening skills during physician-patient encounter • demonstrate non-verbal communication skills during physician-patient encounter • use empathy in a medical encounter to build up an effective physician-patient relationship • communicate effectively, sensitively and clearly • display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment 	
Assessment Methods	Written examination, standardized evaluation of projects and performances and group presentations of assignments



Course Name	Medical Ethics & Humanities-II	MED 222
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Spring
Course Dates	04.02.2020-13.04.2020

Theoretical Hours	32	Credit 2	ECTS 3
Practical Hours	-		
Study Hours	40		
TOTAL HOURS	72		

Course Chairs

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Educational Methods	Lectures, case studies, class discussions and self-directed learning sessions,
Course Aims	
<p>This course aims to create a learning opportunity for students to</p> <ul style="list-style-type: none"> • understand the rights of patients, responsibilities of physicians and comprehend the beginning and end of life issues 	
Learning Outcomes	
<p>By the end of this subject committee, the students will be able to:</p> <ul style="list-style-type: none"> • discuss and demonstrate awareness of ethical, moral and legal responsibilities of physicians involved in providing care to individual patients and communities • demonstrate her/his acceptance for compassion, respect of privacy and dignity of others in their professional life • demonstrate her/his acceptance for non-discrimination • be aware of the necessity for physicians being a role model of integrity, honesty and probity • accept the importance of appropriate consent • describe patient rights and explain the context • explain the evolution of patient rights • analyze ethical and moral dilemmas and legal and psychosocial dimensions of beginning and end of life • be familiar with the main documents of Patient Rights in Turkey • be aware of ethical conflicts due to new medical technologies such as organ transplantation, new reproductive techniques and genetics 	
Assessment Methods	Written examination, case analyses



Course Name	Medical English-III	MED 233
Course Category	Complementary Medical Courses	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / FALL
Course Dates	18.09.2019-26.12.2019

Theoretical Hours	42	Credit 3	ECTS 2
Practical Hours	-		
Study Hours	42		
TOTAL HOURS	84		

Course Chairs

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

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

Learning Outcomes

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

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

<p>Assessment Methods</p>	<p>The assessment is both ongoing (formative) and final (summative). Students will need to keep careful and contemporaneous records of their learning and they will be assessed on the quality of their documentation. There will be several progress tests and a final exam covering all four main skill areas as well as grammatical and lexical knowledge.</p>
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Course Name	Medical English-IV	MED 234
Course Category	Complementary Medical Courses	CMC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year II / Spring
Course Dates	05.02.2020-14.05.2020

Theoretical Hours	42	Credit 3	ECTS 2
Practical Hours	-		
Study Hours	42		
TOTAL HOURS	84		

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

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

Learning Outcomes

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

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

<p>Assessment Methods</p>	<p>The assessment is both ongoing (formative) and final (summative). Students will need to keep careful and contemporaneous records of their learning and they will be assessed on the quality of their documentation. There will be several progress tests and a final exam covering all four main skill areas as well as grammatical and lexical knowledge.</p>
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SCHOOL OF MEDICINE
2019-2020

YEAR 2
FALL SEMESTER
SCHEDULE

16.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	DEAN'S GREETING	Yasemin ALANAY
11:00 - 11:40	Introduction to Year II	KINIKOĞLU EROL, DURER
11:50 - 12:30	Introduction to MED 213 Subject Committee	AKGÜN, KOLGAZI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Human anatomy; general considerations	Alp BAYRAMOĞLU
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

17.09.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Musculoskeletal system; general considerations	Elif KESKİNÖZ
10:10 - 10:50	Musculoskeletal system; general considerations	Elif KESKİNÖZ
11:00 - 11:40	Histology of cartilage	Merve AÇIKEL ELMAS
11:50 - 12:30	TBL: Introductory lecture	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biomechanics of muscle contraction	Beki KAN
14:20 - 15:00	Biomechanics of muscle contraction	Beki KAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

18.09.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Histology of bone and osteogenesis	Deniz YÜCEL
11:00 - 11:40	Histology of bone and osteogenesis	Deniz YÜCEL
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to Electives in Medicine (in Conference Hall)	ARTVİNLİ, ÖKTEM OKULLU, ALTINTAŞ
14:20 - 15:00	Introduction to Electives in Medicine (in Conference Hall)	ARTVİNLİ, ÖKTEM OKULLU, ALTINTAŞ
15:10 - 15:50	Introduction to Electives in Medicine (in Conference Hall)	ARTVİNLİ, ÖKTEM OKULLU, ALTINTAŞ
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

19.09.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Collagen structure and synthesis	Fehime AKSUNGAR
10:10 - 10:50	Biochemistry of synovial fluid	Fehime AKSUNGAR
11:00 - 11:40	Etiologies of bone and joint infections	Sibel GÜNDEŞ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time for TBL	
16:50 - 17:30	Study Time for TBL	

20.09.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Vectors, forces and Newton's Law	Zeynep DURER
10:10 - 10:50	Vectors, forces and Newton's Law	Zeynep DURER
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Bioenergetics of muscle contraction	Beki KAN
14:20 - 15:00	Bioenergetics of muscle contraction	Beki KAN
15:10 - 15:50	TBL: Readiness test "upper extremity"	
16:00 - 16:40	Study Time for TBL	
16:50 - 17:30	Study Time for TBL	

23.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Histology of cartilage and bone_ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
10:10 - 10:50	LAB: Histology of cartilage and bone_ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
11:00 - 11:40	LAB: Histology of cartilage and bone_ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
11:50 - 12:30	LAB: Histology of cartilage and bone_ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL LAB: Upper extremity Group A	
14:20 - 15:00	TBL LAB: Upper extremity Group A	
15:10 - 15:50	TBL LAB: Upper extremity Group B	
16:00 - 16:40	TBL LAB: Upper extremity Group B	
16:50 - 17:30	Elective Course III/Study Time	

24.09.2019 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 for TBL	
11:50 - 12:30	Study Time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of muscle	Serap ARBAK
14:20 - 15:00	Histology of muscle	Serap ARBAK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time for TBL	
16:50 - 17:30	Study Time for TBL	

25.09.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBL: Readiness test " lower extremity"	
10:10 - 10:50	TBL LAB: Lower extremity Group A	
11:00 - 11:40	TBL LAB: Lower extremity Group A	
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

26.09.2019 THURSDAY		
08:30 - 09:10	LAB: Histology of muscle_ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
09:20 - 10:00	LAB: Histology of muscle_ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
10:10 - 10:50	LAB: Histology of muscle_ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
11:00 - 11:40	LAB: Histology of muscle_ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	TBL LAB: Lower extremity Group B	
16:00 - 16:40	TBL LAB: Lower extremity Group B	
16:50 - 17:30	Study Time	

27.09.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:00 - 10:50	Opening ceremony	Conference HALL
11:00 - 11:40	Opening ceremony	Conference HALL
11:50 - 12:30	Opening ceremony	Conference HALL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for TBL	
14:20 - 15:00	Study Time for TBL	
15:10 - 15:50	Study Time for TBL	
16:00 - 16:40	Study Time for TBL	
16:50 - 17:30	Study Time for TBL	

30.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Bone cycle and biomarkers	Fehime AKSUNGAR
10:10 - 10:50	Calcium homeostasis	Fehime AKSUNGAR
11:00 - 11:40	Work, energy and power	Zeynep DURER
11:50 - 12:30	Work, energy and power	Zeynep DURER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for TBL	
14:20 - 15:00	Study Time for TBL	
15:10 - 15:50	Study Time for TBL	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

01.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Muscle proteins	Fehime AKSUNGAR
10:10 - 10:50	TBL: Readiness test "Skull"	
11:00 - 11:40	TBL LAB: Splanchnocranium Group A	
11:50 - 12:30	TBL LAB: Splanchnocranium Group A	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL LAB: Splanchnocranium Group B	
14:20 - 15:00	TBL LAB: Splanchnocranium Group B	
15:10 - 15:50	CMPS/RiH: Introduction to Research in Health and overview of scientific research	DEMİR, TOPSEVER
16:00 - 16:40	CMPS/RiH How to do research? An introduction to research process	Figen DEMİR
16:50 - 17:30	Study Time for TBL	

02.10.2019 WEDNESDAY		
08:30 - 09:10	TBL LAB: Neurocranium Group A	
09:20 - 10:00	TBL LAB: Neurocranium Group A	
10:10 - 10:50	TBL LAB: Neurocranium Group B	
11:00 - 11:40	TBL LAB: Neurocranium Group B	
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

03.10.2019 THURSDAY		
08:30 - 09:10	TBL LAB: Skull (Normas) Group B	
09:20 - 10:00	TBL LAB: Skull (Normas) Group B	
10:10 - 10:50	TBL LAB: Skull (Normas) Group A	
11:00 - 11:40	TBL LAB: Skull (Normas) Group A	
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Physiology of muscle contraction (skeletal and smooth)	Melike ŞAHİNER
16:00 - 16:40	Physiology of muscle contraction (skeletal and smooth)	Melike ŞAHİNER
16:50 - 17:30	Study Time for TBL	

04.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Infections of the soft tissue	Hülya KUŞOĞLU
10:10 - 10:50	Infections of the soft tissue	Hülya KUŞOĞLU
11:00 - 11:40	Regulation and control of muscle contraction	Melike ŞAHİNER
11:50 - 12:30	Regulation and control of muscle contraction	Melike ŞAHİNER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for TBL	
14:20 - 15:00	Study Time for TBL	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Gravity, equilibrium, torque	Evren KILINÇ
11:00 - 11:40	Equilibrium of the body	Evren KILINÇ
11:50 - 12:30	TBL: Readiness test "Vertebrae , Ribs, Sternum "	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL LAB: Vertebrae, Ribs, Sternum Group A	
14:20 - 15:00	TBL LAB: Vertebrae, Ribs, Sternum Group A	
15:10 - 15:50	TBL LAB: Vertebrae, Ribs, Sternum Group B	
16:00 - 16:40	TBL LAB: Vertebrae, Ribs, Sternum Group B	
16:50 - 17:30	Elective Course III/Study Time	

08.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Development of skeletal system	Merve AÇIKEL ELMAS
10:10 - 10:50	Development of skeletal system	Merve AÇIKEL ELMAS
11:00 - 11:40	Joints of upper extremity	Mustafa AKTEKİN
11:50 - 12:30	Joints of upper extremity	Mustafa AKTEKİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RiH:Formulating a research question	TOPSEVER, DEMİR
14:20 - 15:00	CMPS/RiH Identifying variables	Pınar TOPSEVER
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

09.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Joints of upper extremity_Group B	AKTEKİN, KESKİNÖZ
10:10 - 10:50	LAB: Joints of upper extremity_Group A	AKTEKİN, KESKİNÖZ
11:00 - 11:40	TBL Review lecture	
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

10.10.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Superficial back	Alp BAYRAMOĞLU
10:10 - 10:50	Shoulder region, pectoral region and breast	Elif KESKİNÖZ
11:00 - 11:40	Shoulder region, pectoral region and breast	Elif KESKİNÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Axillary region	Mustafa AKTEKİN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Anterior and posterior aspect of arm and cubital fossa	Alp BAYRAMOĞLU
11:50 - 12:30	Anterior and posterior aspect of forearm	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Anterior and posterior aspect of forearm	Elif KESKİNÖZ
14:20 - 15:00	Anterior and posterior aspect of forearm	Elif KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	EMG	Evren KILINÇ
11:50 - 12:30	Physical principles of CT, MRI and ultrasonography	Evren KILINÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

15.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Superficial back, pectoral region, breast, shoulder region_A	BAYRAMOĞLU, KESKİNÖZ
10:10 - 10:50	LAB: Superficial back, pectoral region, breast, shoulder region_A	BAYRAMOĞLU, KESKİNÖZ
11:00 - 11:40	LAB: Superficial back, pectoral region, breast, shoulder region_B	BAYRAMOĞLU, KESKİNÖZ
11:50 - 12:30	LAB: Superficial back, pectoral region, breast, shoulder region_B	BAYRAMOĞLU, KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RiH:Main types of scientific research	DEMİR, TOPSEVER
14:20 - 15:00	CMPS/RiH:Qualitative studies	Yeşim YASİN
15:10 - 15:50	CMPS/RiH:Cross-sectional studies	DEMİR, TOPSEVER
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

16.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Fractures, general principles	Buğra ALPAN
11:00 - 11:40	Bone fracture healing	Özlem AYDIN
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

17.10.2019 THURSDAY		
08:30 - 09:10	LAB: Axillar reg, Ant. and post. aspect of arm, cubital fossa_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
09:20 - 10:00	LAB: Axillar reg, Ant. and post. aspect of arm, cubital fossa_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
10:10 - 10:50	LAB: Axillar reg, Ant. and post. aspect of arm, cubital fossa_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: Axillar reg, Ant. and post. aspect of arm, cubital fossa_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	LAB: Anterior and posterior aspect of forearm_Group A	KESKİNÖZ
16:00 - 16:40	LAB: Anterior and posterior aspect of forearm_Group B	KESKİNÖZ
16:50 - 17:30	Study Time	

18.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

22.10.2019 TUESDAY 21.10.2019 MONDAY (MED213 THEORETICAL EXAMINATION I: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED213 PRACTICAL EXAMINATION I	
14:20 - 15:00	MED213 PRACTICAL EXAMINATION I	
15:10 - 15:50	MED213 PRACTICAL EXAMINATION I	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

23.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Hand	Elif KESKİNÖZ
11:00 - 11:40	Hand	Elif KESKİNÖZ
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

24.10.2019 THURSDAY		
08:30 - 09:10	Molecular basis of musculoskeletal development	Yasemin ALANAY
09:20 - 10:00	Genetic disorders of bone and connective tissue	Yasemin ALANAY
10:10 - 10:50	Brachial plexus	Alp BAYRAMOĞLU
11:00 - 11:40	Brachial plexus	Alp BAYRAMOĞLU
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	CMPS/RiH:Case-control studies	
16:00 - 16:40	CMPS/RiH:Cohort studies	
16:50 - 17:30	Study Time	

25.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Joints of lower extremity	Elif KESKİNÖZ
10:10 - 10:50	Joints of lower extremity	Elif KESKİNÖZ
11:00 - 11:40	Work related musculoskeletal disorders (ergonomy)	Yeşim YAŞIN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Republic Day	
14:20 - 15:00	Republic Day	
15:10 - 15:50	Republic Day	
16:00 - 16:40	Republic Day	
16:50 - 17:30	Republic Day	

29.10.2019 TUESDAY		
08:30 - 09:10	Republic Day	
09:20 - 10:00	Republic Day	
10:10 - 10:50	Republic Day	
11:00 - 11:40	Republic Day	
11:50 - 12:30	Republic Day	
12:30 - 13:30	Republic Day	
13:30 - 14:10	Republic Day	
14:20 - 15:00	Republic Day	
15:10 - 15:50	Republic Day	
16:00 - 16:40	Republic Day	
16:50 - 17:30	Republic Day	

30.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RiH: Experimental studies	Figen Demir
10:10 - 10:50	CMPS/RiH: Clinical and drug research	İsmail Hakkı ULUS
11:00 - 11:40	CMPS/RiH: Animal Studies	Melike Şahiner
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

31.10.2019 THURSDAY		
08:30 - 09:10	LAB: Hand and brachial plexus_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
09:20 - 10:00	LAB: Hand and brachial plexus_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
10:10 - 10:50	LAB: Hand and brachial plexus_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: Hand and brachial plexus_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Anti-inflammatory- analgesic drugs	Filiz ONAT
10:10 - 10:50	Anti-inflammatory- analgesic drugs	Filiz ONAT
11:00 - 11:40	Anti-inflammatory- analgesic drugs	Filiz ONAT
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Gluteal region and posterior aspect of thigh	Elif KESKİNÖZ
14:20 - 15:00	Gluteal region and posterior aspect of thigh	Elif KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

04.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Anterior medial thigh & femoral triangle	Alp BAYRAMOĞLU
14:20 - 15:00	Anterior medial thigh & femoral triangle	Alp BAYRAMOĞLU
15:10 - 15:50	Anterior medial thigh & femoral triangle	Alp BAYRAMOĞLU
16:00 - 16:40	Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/RiH: Sampling Methods	Figen DEMİR
11:00 - 11:40	CMPS/RiH: Data collection methods and tools	Pınar TOPSEVER
11:50 - 12:30	CMPS/RiH: Data collection methods and tools	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Joints of lower extremity_Group A	Elif KESKİNÖZ
14:20 - 15:00	LAB: Joints of lower extremity_Group B	Elif KESKİNÖZ
15:10 - 15:50	LAB: gluteal region,post. aspect of thigh_Group A	Elif KESKİNÖZ
16:00 - 16:40	LAB: gluteal region,post. aspect of thigh_Group B	Elif KESKİNÖZ
16:50 - 17:30	Elective Course III/Study Time	

06.11.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Anterior and lateral aspect of leg	Mustafa AKTEKİN
11:00 - 11:40	Anterior and lateral aspect of leg	Mustafa AKTEKİN
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

07.11.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Posterior aspect of leg & popliteal fossa	Alp BAYRAMOĞLU
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pathology of arthritis	Özlem AYDIN
11:00 - 11:40	Neoplastic disease of bone and joint	Özlem AYDIN
11:50 - 12:30	Neoplastic disease of bone and joint	Özlem AYDIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Foot	Alp BAYRAMOĞLU
14:20 - 15:00	Foot	Alp BAYRAMOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Anterior medial thigh & femoral triangle_ Group A	Alp BAYRAMOĞLU
14:20 - 15:00	LAB: Anterior and lateral aspect of leg_ Group A	Alp BAYRAMOĞLU
15:10 - 15:50	LAB: Anterior medial thigh & femoral triangle_ Group B	AKTEKİN, KESKİNÖZ
16:00 - 16:40	LAB: Anterior and lateral aspect of leg_ Group B	AKTEKİN, KESKİNÖZ
16:50 - 17:30	Elective Course III/Study Time	

12.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Posterior aspect of leg & popliteal fossa_ Group B	Alp BAYRAMOĞLU
10:10 - 10:50	LAB: Posterior aspect of leg & popliteal fossa_ Group A	Alp BAYRAMOĞLU
11:00 - 11:40	CMPS/RiH:Research Ethics	Yeşim Işıl ÜLMAN
11:50 - 12:30	CMPS/RiH:Research Ethics	Yeşim Işıl ÜLMAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RiH:Writing a research proposal	Figen DEMİR
14:20 - 15:00	Lumbosacral plexus & posterior abdominal wall	Mustafa AKTEKİN
15:10 - 15:50	Lumbosacral plexus & posterior abdominal wall	Mustafa AKTEKİN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

13.11.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	LAB: Foot_ Group B	Alp BAYRAMOĞLU
11:00 - 11:40	LAB: Foot_ Group A	Alp BAYRAMOĞLU
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

14.11.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Osteomyelitis and septic arthritis	Halil Can GEMALMAZ
11:00 - 11:40	Traumatic dislocations and soft tissue injuries	Göksel DİKMEN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.11.2019 MONDAY (MED 221 CMPS/RiH: WRITTEN EXAMINATION : 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Metabolic bone diseases and osteomyelitis	Özlem AYDIN
10:10 - 10:50	Soft tissue tumors	Özlem AYDIN
11:00 - 11:40	Soft tissue tumors	Özlem AYDIN
11:50 - 12:30	Superficial structures of the face	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Lumbosacral plexus and posterior abdominal wall_ Group A	Mustafa AKTEKİN
14:20 - 15:00	LAB: Lumbosacral plexus and posterior abdominal wall_ Group A	Mustafa AKTEKİN
15:10 - 15:50	LAB: Lumbosacral plexus and posterior abdominal wall_ Group B	Mustafa AKTEKİN
16:00 - 16:40	LAB: Lumbosacral plexus and posterior abdominal wall_ Group B	Mustafa AKTEKİN
16:50 - 17:30	Elective Course III/Study Time	

19.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Management of symptoms of func. impairment related MSD in PHC	Efe ONGANER
10:10 - 10:50	Soft tissue rheumatism	Reyhan ÇELİKER
11:00 - 11:40	LAB: Superficial structures of the face_ Group B	Alp BAYRAMOĞLU
11:50 - 12:30	LAB:Superficial structures of the face_ Group A	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Approach to the patient with arthritis	Mehmet KARAARSLAN
14:20 - 15:00	Disease modifying antirheumatic drugs	Emel BALOĞLU
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

20.11.2019 WEDNESDAY		
08:30 - 09:10	Osteoporosis	Meral BAYRAMOĞLU
09:20 - 10:00	Degenerative joint disease	Zeynep GÜVEN
10:10 - 10:50	Temporal region, temporomandibular joint, muscles of mastication	Mustafa AKTEKİN
11:00 - 11:40	Infratemporal fossa & pterygopalatine fossa	Mustafa AKTEKİN
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

21.11.2019 THURSDAY		
08:30 - 09:10	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_ Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
09:20 - 10:00	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_ Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
10:10 - 10:50	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_ Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: Infratemporal, Pterygopalatine Fossa, Temporal region_ Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Radiological anatomy and algorithm of the musculoskeletal system	Ercan KARAARSLAN
16:00 - 16:40	Radiological anatomy and algorithm of the musculoskeletal system	Ercan KARAARSLAN
16:50 - 17:30	Study Time	

22.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.11.2019 MONDAY (MED213 THEORETICAL EXAMINATION II: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED213 PRACTICAL EXAMINATION II	
14:20 - 15:00	MED213 PRACTICAL EXAMINATION II	
15:10 - 15:50	MED213 PRACTICAL EXAMINATION II	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

26.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED 211 Subject Committee	YURTTUTAN UYAR, ASAR
11:00 - 11:40	Gram Positive Cocci	Yeşim BEŞLİ
11:50 - 12:30	Gram Positive Cocci	Yeşim BEŞLİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Gram Positive Cocci	Yeşim BEŞLİ
14:20 - 15:00	CMPS/CCS:Introduction to clinical communication skills	Pınar TOPSEVER
15:10 - 15:50	CMPS/CCS:Patient centered approach	Demet DİNÇ
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

27.11.2019 WEDNESDAY		
08:30 - 09:10	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
09:20 - 10:00	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
10:10 - 10:50	Gram Negative Cocci and Haemophilus	Yeşim GÜROL
11:00 - 11:40	Gram Negative Cocci and Haemophilus	Yeşim GÜROL
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

28.11.2019 THURSDAY (MED 233 MEDICAL ENGLISH: MIDTERM EXAMINATION 13:30-15:00)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pharmacokinetics: Drug metabolism and elimination	Filiz ONAT
10:10 - 10:50	Epidemiology and prevention of infectious diseases	Yeşim YASİN
11:00 - 11:40	Epidemiology and prevention of infectious diseases	Yeşim YASİN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III: MIDTERM EXAMINATION	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III: MIDTERM EXAMINATION	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pharmacodynamics: Principles of drug actions	Emel BALOĞLU
10:10 - 10:50	Temperature transducers, thermography	Beki KAN
11:00 - 11:40	Bordetella, Legionella	Işın AKYAR
11:50 - 12:30	HACEK	Işın AKYAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Brucella	Yeşim GÜROL
14:20 - 15:00	Heat and temperature, heat transfer	Zeynep DURER
15:10 - 15:50	Heat and temperature, heat transfer	Zeynep DURER
16:00 - 16:40	Drug interactions and factors affecting drug interactions	Filiz ONAT
16:50 - 17:30	Drug interactions and factors affecting drug interactions	Filiz ONAT

02.12.2019 MONDAY		
08:30 - 09:10	Pharmacogenetics: recept., transp.s and enzymes polymorphisms	Filiz ONAT
09:20 - 10:00	Pharmacodynamics: drug receptor interact. and dose-response relat.	Emel BALOĞLU
10:10 - 10:50	Pharmacodynamics: drug receptor interact. and dose-response relat.	Emel BALOĞLU
11:00 - 11:40	Gram Positive Aerobic Bacilli	Yeşim GÜROL
11:50 - 12:30	Gram Positive Aerobic Bacilli	Yeşim GÜROL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Enteric Gram Negative Bacilli	Neval YURTTUTAN UYAR
14:20 - 15:00	Enteric Gram Negative Bacilli	Neval YURTTUTAN UYAR
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

03.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Thermoregulatory functions of the hypothalamus	Hande YAPIŞLAR
11:50 - 12:30	Thermoregulatory functions of the hypothalamus	Hande YAPIŞLAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CCS:How to take a patients history-1	Demet DİNÇ
14:20 - 15:00	CMPS/CCS:How to take a patients history-1	Demet DİNÇ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

04.12.2019 WEDNESDAY		
08:30 - 09:10	CMPS/CCS:How to take a patients history-2	Şirin PARKAN
09:20 - 10:00	CMPS/CCS:How to take a patients history-2	Şirin PARKAN
10:10 - 10:50	LAB: Gram Positive Cocci and Negative Cocci	YG, YB,SÖO,NÜ/ A302-A303
11:00 - 11:40	LAB: Gram Positive Cocci and Negative Cocci	YG, YB,SÖO,NÜ/ A302-A303
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	General principles of antimicrobial therapy	Emel BALOĞLU
10:10 - 10:50	Sulfonamids, trimethoprim sulfamethoxazole and quinolones	Emel BALOĞLU
11:00 - 11:40	Non fermenters	Yeşim BEŞLİ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.12.2019 FRIDAY		
08:30 - 09:10	CMPS/CCS: History taking with SPs (CASE)	
09:20 - 10:00	CMPS/CCS: History taking with SPs (CASE)	
10:10 - 10:50	CMPS/CCS: History taking with SPs (CASE)	
11:00 - 11:40	CMPS/CCS: History taking with SPs (CASE)	
11:50 - 12:30	CMPS/CCS: History taking with SPs (CASE)	
12:30 - 13:30	CMPS/CCS: History taking with SPs (CASE)	
13:30 - 14:10	CMPS/CCS: History taking with SPs (CASE)	
14:20 - 15:00	CMPS/CCS: History taking with SPs (CASE)	
15:10 - 15:50	CMPS/CCS: History taking with SPs (CASE)	
16:00 - 16:40	CMPS/CCS: History taking with SPs (CASE)	
16:50 - 17:30	CMPS/CCS: History taking with SPs (CASE)	

09.12.2019 MONDAY		
08:30 - 09:10	CMPS/CCS: History taking with SPs (CASE)	
09:20 - 10:00	CMPS/CCS: History taking with SPs (CASE)	
10:10 - 10:50	CMPS/CCS: History taking with SPs (CASE)	
11:00 - 11:40	CMPS/CCS: History taking with SPs (CASE)	
11:50 - 12:30	CMPS/CCS: History taking with SPs (CASE)	
12:30 - 13:30	CMPS/CCS: History taking with SPs (CASE)	
13:30 - 14:10	CMPS/CCS: History taking with SPs (CASE)	
14:20 - 15:00	CMPS/CCS: History taking with SPs (CASE)	
15:10 - 15:50	CMPS/CCS: History taking with SPs (CASE)	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

10.12.2019 TUESDAY		
08:30 - 09:10	CMPS/CCS: History taking with SPs (CASE)	
09:20 - 10:00	CMPS/CCS: History taking with SPs (CASE)	
10:10 - 10:50	CMPS/CCS: History taking with SPs (CASE)	
11:00 - 11:40	CMPS/CCS: History taking with SPs (CASE)	
11:50 - 12:30	CMPS/CCS: History taking with SPs (CASE)	
12:30 - 13:30	CMPS/CCS: History taking with SPs (CASE)	
13:30 - 14:10	CMPS/CCS: History taking with SPs (CASE)	
14:20 - 15:00	CMPS/CCS: History taking with SPs (CASE)	
15:10 - 15:50	CMPS/CCS: History taking with SPs (CASE)	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

11.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Aminoglycosides	Emel BALOĞLU
10:10 - 10:50	LAB: Enteric Gram Negative Bacilli	NYU,YG,SÖO, NÜ/ A302-A303
11:00 - 11:40	LAB: Enteric Gram Negative Bacilli	NYU,YG,SÖO, NÜ/ A302-A303
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

12.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Mycobacteria, Nocardia and Actinomycetes	Tanıl KOCAGÖZ
10:10 - 10:50	Mycobacteria, Nocardia and Actinomycetes	Tanıl KOCAGÖZ
11:00 - 11:40	Mycobacteria, Nocardia and Actinomycetes	Tanıl KOCAGÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Anaerobic bacteria	Işın AKYAR
16:00 - 16:40	Anaerobic bacteria	Işın AKYAR
16:50 - 17:30	Study Time	

13.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/CCS:Tutor Feed-back for history taking sessions	PT,FD,DD,ŞP,MŞ,LA,DK,IP,DA
14:20 - 15:00	CMPS/CCS:Tutor Feed-back for history taking sessions	PT,FD,DD,ŞP,MŞ,LA,DK,IP,DA
15:10 - 15:50	CMPS/CCS:Tutor Feed-back for history taking sessions	PT,FD,DD,ŞP,MŞ,LA,DK,IP,DA
16:00 - 16:40	CMPS/CCS:Tutor Feed-back for history taking sessions	PT,FD,DD,ŞP,MŞ,LA,DK,IP,DA
16:50 - 17:30	CMPS/CCS:Tutor Feed-back for history taking sessions	PT,FD,DD,ŞP,MŞ,LA,DK,IP,DA

16.12.2019 MONDAY		
08:30 - 09:10	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
09:20 - 10:00	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
10:10 - 10:50	Penicillins, cephalosporins and other beta lactam antibiotics	Filiz ONAT
11:00 - 11:40	Yersinia, Francisella, Pasteurella	Yeşim GÜROL
11:50 - 12:30	Campylobacter, Helicobacter, Vibrio	Yeşim GÜROL
12:30 - 13:30	Lunch time	
13:30 - 14:10	Spirochetes	Yeşim GÜROL
14:20 - 15:00	Mycoplasma, Chlamydia, Rickettsiae	Işın AKYAR
15:10 - 15:50	Mycoplasma, Chlamydia, Rickettsiae	Işın AKYAR
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

17.12.2019 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	Introduction to medical parasitology	Özgür KURT
12:30 - 13:30	Lunch time	
13:30 - 14:10	Protozoa	Özgür KURT
14:20 - 15:00	Protozoa	Özgür KURT
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

18.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	LAB: Mycobacteria, Nocardia and Actinomycetes	TK,IA, SÖO,NÜ/ A302-A303
11:00 - 11:40	LAB: Mycobacteria, Nocardia and Actinomycetes	TK,IA, SÖO,NÜ/ A302-A303
11:50 - 12:30	Medical English III	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

19.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Protozoa	Özgür KURT
10:10 - 10:50	Protozoa	Özgür KURT
11:00 - 11:40	Protozoa	Özgür KURT
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English III	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.12.2019 FRIDAY		
08:30 - 09:10	CMPS/CCS: history taking practical examination with SPs (CASE)	
09:20 - 10:00	CMPS/CCS: history taking practical examination with SPs (CASE)	
10:10 - 10:50	CMPS/CCS: history taking practical examination with SPs (CASE)	
11:00 - 11:40	CMPS/CCS: history taking practical examination with SPs (CASE)	
11:50 - 12:30	CMPS/CCS: history taking practical examination with SPs (CASE)	
12:30 - 13:30	CMPS/CCS: history taking practical examination with SPs (CASE)	
13:30 - 14:10	CMPS/CCS: history taking practical examination with SPs (CASE)	
14:20 - 15:00	CMPS/CCS: history taking practical examination with SPs (CASE)	
15:10 - 15:50	CMPS/CCS: history taking practical examination with SPs (CASE)	
16:00 - 16:40	CMPS/CCS: history taking practical examination with SPs (CASE)	
16:50 - 17:30	CMPS/CCS: history taking practical examination with SPs (CASE)	

23.12.2019 MONDAY (MED211 THEORETICAL EXAMINATION I: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.12.2019 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	Chemotherapy of tuberculosis and leprosy	Emel BALOĞLU
12:30 - 13:30	Lunch time	
13:30 - 14:10	Helminths	Özgür KURT
14:20 - 15:00	Helminths	Özgür KURT
15:10 - 15:50	Helminths	Özgür KURT
16:00 - 16:40	Protein synthesis inhibitors and miscellaneous antimicrobial agents	Filiz ONAT
16:50 - 17:30	Study Time	

25.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Helminths	Özgür KURT
10:10 - 10:50	Helminths	Özgür KURT
11:00 - 11:40	LAB: Anaerobic Bacteria	IA,ÖK, SÖO,NÜ/ A302-A303
11:50 - 12:30	LAB: Anaerobic Bacteria	IA,ÖK, SÖO,NÜ/ A302-A303
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.12.2019 THURSDAY (MED 233 MEDICAL ENGLISH III FINAL EXAMINATION: 13:30-15:00)		
08:30 - 09:10	Study Time	
09:20 - 10:00	DNA viruses	Tanıl KOCAGÖZ
10:10 - 10:50	DNA viruses	Tanıl KOCAGÖZ
11:00 - 11:40	DNA viruses	Tanıl KOCAGÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Medical English III: Final Examination	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English III: Final Examination	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	DNA viruses	Tanıl KOCAGÖZ
10:10 - 10:50	DNA viruses	Tanıl KOCAGÖZ
11:00 - 11:40	LAB: Identification of Intestinal Parasites	ÖK, YB,NÜ, SÖO / A302-A303
11:50 - 12:30	LAB: Identification of Intestinal Parasites	ÖK, YB,NÜ, SÖO / A302-A303
12:30 - 13:30	Lunch time	
13:30 - 14:10	Arthropods	Özgür KURT
14:20 - 15:00	Arthropods	Özgür KURT
15:10 - 15:50	Chemotherapy of parasitic (protozoal and helminth) infections	Emel BALOĞLU
16:00 - 16:40	Chemotherapy of parasitic (protozoal and helminth) infections	Emel BALOĞLU
16:50 - 17:30	Study Time	

30.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.01.2020 WEDNESDAY		
08:30 - 09:10	New Year's Day	
09:20 - 10:00	New Year's Day	
10:10 - 10:50	New Year's Day	
11:00 - 11:40	New Year's Day	
11:50 - 12:30	New Year's Day	
12:30 - 13:30	New Year's Day	
13:30 - 14:10	New Year's Day	
14:20 - 15:00	New Year's Day	
15:10 - 15:50	New Year's Day	
16:00 - 16:40	New Year's Day	
16:50 - 17:30	New Year's Day	

02.01.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	RNA Viruses	Yeşim GÜROL
11:00 - 11:40	RNA Viruses	Yeşim GÜROL
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch time	
13:30 - 14:10	RNA Viruses	Yeşim GÜROL
14:20 - 15:00	RNA Viruses	Yeşim GÜROL
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.01.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Slow viruses and prions	Hülya KUŞOĞLU
10:10 - 10:50	Oncogenic viruses	Tanıl KOCAGÖZ
11:00 - 11:40	Yeast and moulds	Neval YURTTUTAN UYAR
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.01.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Yeast and moulds	Neval YURTTUTAN UYAR
10:10 - 10:50	Yeast and moulds	Neval YURTTUTAN UYAR
11:00 - 11:40	Antiviral agents	Emel BALOĞLU
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	LAB: Identification of Blood Borne Parasites and Arthropods	ÖK,IA, NÜ, SÖO / A302-A303
14:20 - 15:00	LAB: Identification of Blood Borne Parasites and Arthropods	ÖK,IA, NÜ, SÖO / A302-A303
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.01.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Antifungal agents	Emel BALOĞLU
10:10 - 10:50	Cancer chemotherapeutics	Emel BALOĞLU
11:00 - 11:40	LAB: Identification of fungi	NU,YB, NÜ, SÖO / A302-A303
11:50 - 12:30	LAB: Identification of fungi	NU,YB, NÜ, SÖO / A302-A303
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.01.2020 WEDNESDAY (MEDICAL ENGLISH MAKE-UP EXAM: 16:00 – 17:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Cancer chemotherapeutics	Emel BALOĞLU
10:10 - 10:50	Cancer chemotherapeutics	Emel BALOĞLU
11:00 - 11:40	Normal Human Microbiata	YEŞİM GÜROL
11:50 - 12:30	Normal Human Microbiata	YEŞİM GÜROL
12:30 - 13:30	Lunch time	
13:30 - 14:10	LAB: Diagnostic tests in microbiology	NU, YG,NÜ, SÖO / A302-A303
14:20 - 15:00	LAB: Diagnostic tests in microbiology	NU, YG,NÜ, SÖO / A302-A303
15:10 - 15:50	Study Time	
16:00 - 16:40	Medical English III: MAKE-UP Examination	BOWARSHI, DUMAN, WILLCOCK
16:50 - 17:30	Medical English III: MAKE-UP Examination	BOWARSHI, DUMAN, WILLCOCK

09.01.2020 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	Academic Enrichment Session	
12:30 - 13:30	CMPS/RiH: Research proposal presentations	
13:30 - 14:10	CMPS/RiH: Research proposal presentations	
14:20 - 15:00	CMPS/RiH: Research proposal presentations	
15:10 - 15:50	CMPS/RiH: Research proposal presentations	
16:00 - 16:40	CMPS/RiH: Research proposal presentations	
16:50 - 17:30	CMPS/RiH: Research proposal presentations	

10.01.2020 FRIDAY		
08:30 - 09:10	CMPS/RiH: Research proposal presentations	
09:20 - 10:00	CMPS/RiH: Research proposal presentations	
10:10 - 10:50	CMPS/RiH: Research proposal presentations	
11:00 - 11:40	CMPS/RiH: Research proposal presentations	
11:50 - 12:30	CMPS/RiH: Research proposal presentations	
12:30 - 13:30	CMPS/RiH: Research proposal presentations	
13:30 - 14:10	CMPS/RiH: Research proposal presentations	
14:20 - 15:00	CMPS/RiH: Research proposal presentations	
15:10 - 15:50	CMPS/RiH: Research proposal presentations	
16:00 - 16:40	CMPS/RiH: Research proposal presentations	
16:50 - 17:30	CMPS/RiH: Research proposal presentations	

13.01.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.01.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.01.2020 WEDNESDAY (MED211 THEORETICAL EXAMINATION II: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.01.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.01.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	



SCHOOL OF MEDICINE
2019-2020

YEAR 2
SPRING SEMESTER
SCHEDULE

03.02.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED 212 Subject Committee	SEÇKİN, ÖKTEM OKULLU
11:00 - 11:40	Overview to nervous system	Alp BAYRAMOĞLU
11:50 - 12:30	Overview to nervous system	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Nature of waves	Evren KILINÇ
14:20 - 15:00	Nature of waves	Evren KILINÇ
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

04.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: What is ethics? Ethical theories	Yeşim Işıl ÜLMAN
10:10 - 10:50	CMPS/ME&H: What is ethics? Ethical theories	Yeşim Işıl ÜLMAN
11:00 - 11:40	Meninges and dural sinuses of brain	Alp BAYRAMOĞLU
11:50 - 12:30	Meninges and dural sinuses of brain	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	General organization of the nervous system	Güldal SÜYEN
14:20 - 15:00	Spinal cord	Mustafa AKTEKİN
15:10 - 15:50	Spinal cord: ascending and descending pathways	Mustafa AKTEKİN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Spinal cord: ascending and descending pathways	Mustafa AKTEKİN
11:00 - 11:40	Spinal cord: ascending and descending pathways	Mustafa AKTEKİN
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

06.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Histology of nervous system at cellular level	Deniz YÜCEL
10:10 - 10:50	Somatosensory system	Güldal SÜYEN
11:00 - 11:40	Somatosensory system	Güldal SÜYEN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Energy metabolism of brain	Aysel ÖZPINAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Tactile sensation	Güldal SÜYEN
10:10 - 10:50	Pons	Mustafa AKTEKİN
11:00 - 11:40	Mesencephalon	Mustafa AKTEKİN
11:50 - 12:30	Cerebellum	Mustafa AKTEKİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pain mechanisms	Güldal SÜYEN
14:20 - 15:00	Pain mechanisms	Güldal SÜYEN
15:10 - 15:50	Medulla oblongata	Alp BAYRAMOĞLU
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.02.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Cranial nerves (1-6)	Mustafa AKTEKİN
10:10 - 10:50	Cranial nerves (1-6)	Mustafa AKTEKİN
11:00 - 11:40	Functions of cerebellum	Güldal SÜYEN
11:50 - 12:30	Functions of cerebellum	Güldal SÜYEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Spinal cord, meninges and dural sinuses of brain_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
14:20 - 15:00	LAB: Spinal cord, meninges and dural sinuses of brain_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
15:10 - 15:50	LAB: Spinal cord, meninges and dural sinuses of brain_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:00 - 16:40	LAB: Spinal cord, meninges and dural sinuses of brain_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:50 - 17:30	Elective Course III/Study Time	

11.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to central nervous system pharmacology	Filiz ONAT
11:00 - 11:40	Neurotransmitters	Ahmet Tarık BAYKAL
11:50 - 12:30	Neurotransmitters	Ahmet Tarık BAYKAL
12:30 - 13:30	Lunch time	
13:30 - 14:10	CMPS/ME&H: Principles of bioethics, human dignity and rights	Yeşim Işıl ÜLMAN
14:20 - 15:00	CMPS/ME&H: Principles of bioethics, human dignity and rights	Yeşim Işıl ÜLMAN
15:10 - 15:50	CMPS/ME&H: Principles of bioethics, human dignity and rights	Yeşim Işıl ÜLMAN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

12.02.2020 WEDNESDAY		
08:30 - 09:10	Synaptic transmission in learning and memory	Beki KAN
09:20 - 10:00	Synaptic transmission in learning and memory	Beki KAN
10:10 - 10:50	LAB: Cerebellum, brain stem_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: Cerebellum, brain stem_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

13.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Cranial nerves (7-12)	Mustafa AKTEKİN
11:00 - 11:40	Cranial nerves (7-12)	Mustafa AKTEKİN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Clinical evaluation of cranial nerves	Elif ILGAZ AYDINLAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Autonomic nervous system	Alp BAYRAMOĞLU
10:10 - 10:50	Autonomic nervous system	Alp BAYRAMOĞLU
11:00 - 11:40	Autonomic nervous system	Güldal SÜYEN
11:50 - 12:30	Autonomic nervous system	Güldal SÜYEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.02.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Thalamus	Alp BAYRAMOĞLU
10:10 - 10:50	Basal ganglia, epithalamus and subthalamus	Alp BAYRAMOĞLU
11:00 - 11:40	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	İsmail Hakkı ULUS
11:50 - 12:30	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	İsmail Hakkı ULUS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Functions of basal ganglia	Güldal SÜYEN
14:20 - 15:00	Parkinson's disease	Murat AKSU
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

18.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Optics	Evren KILINÇ
11:00 - 11:40	Optics	Evren KILINÇ
11:50 - 12:30	Hypothalamus and hypophysis	Mustafa AKTEKİN
12:30 - 13:30	Lunch time	
13:30 - 14:10	CMPS/ME&H: Benefit and harm	Yeşim Işıl ÜLMAN
14:20 - 15:00	CMPS/ME&H: Benefit and harm	Yeşim Işıl ÜLMAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Elective Course III/Study Time	

19.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Reflexes	Güldal SÜYEN
11:00 - 11:40	Movement	Güldal SÜYEN
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

20.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H: Autonomy, responsibility	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H: Autonomy, responsibility	Yeşim Işıl ÜLMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	İsmail Hakkı ULUS
16:00 - 16:40	Drugs altering brain neurotransmission: DA, NA, 5HT, Ach	İsmail Hakkı ULUS
16:50 - 17:30	Study Time	

21.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.02.2020 MONDAY (MED212 THEORETICAL EXAMINATION I: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	MED212 PRACTICAL EXAMINATION I	MED212 PRACTICAL EXAMINATION I
14:20 - 15:00	MED212 PRACTICAL EXAMINATION I	MED212 PRACTICAL EXAMINATION I
15:10 - 15:50	MED212 PRACTICAL EXAMINATION I	MED212 PRACTICAL EXAMINATION I
16:00 - 16:40	MED212 PRACTICAL EXAMINATION I	MED212 PRACTICAL EXAMINATION I
16:50 - 17:30	Elective Course III/Study Time	

25.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

26.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Cerebral hemispheres; general topography	Alp BAYRAMOĞLU
10:10 - 10:50	Cerebral hemispheres; motor and sensory areas, medullary subst.	Alp BAYRAMOĞLU
11:00 - 11:40	Anatomy of limbic system	Elif KESKİNÖZ
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

27.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Histology of nervous system at tissue level	Deniz YÜCEL
11:00 - 11:40	Histology of nervous system at tissue level	Deniz YÜCEL
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Limbic system	Güldal SÜYEN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Vessels of central nervous system	Alp BAYRAMOĞLU
10:10 - 10:50	Vessels of central nervous system	Alp BAYRAMOĞLU
11:00 - 11:40	Brain ventricles and CSF	Alp BAYRAMOĞLU
11:50 - 12:30	Regulation of cerebral blood flow and CSF circulation	Güldal SÜYEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of nervous system Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
14:20 - 15:00	LAB: Histology of nervous system Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
15:10 - 15:50	LAB: Histology of nervous system Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:00 - 16:40	LAB: Histology of nervous system Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:50 - 17:30	Study Time	

02.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Development of the nervous system	Deniz YÜCEL
10:10 - 10:50	Development of the nervous system	Deniz YÜCEL
11:00 - 11:40	Laboratory evaluation of CSF	Mustafa SERTESER
11:50 - 12:30	Laboratory evaluation of CSF	Mustafa SERTESER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cerebral edema, hydrocephalus and traumatic brain injury	Ayça ERŞEN DANYELİ
14:20 - 15:00	Electrical activity of brain	Güldal SÜYEN
15:10 - 15:50	Electrical activity of brain	Güldal SÜYEN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

03.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Cerebral cortex_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
10:10 - 10:50	LAB: Cerebral cortex_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: Cerebral cortex_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	LAB: Cerebral cortex_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
12:30 - 13:30	Lunch time	
13:30 - 14:10	Drugs altering brain neurotransmission: GABA, Glutamate	Filiz ONAT
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

04.03.2020 WEDNESDAY		
08:30 - 09:10	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
09:20 - 10:00	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
10:10 - 10:50	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: ANS, Brain ventricles and CSF vessels of CNS_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: Informed consent in difficult situations	Yeşim Işıl ÜLMAN
10:10 - 10:50	CMPS/ME&H: Informed consent in difficult situations	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H: Informed consent in difficult situations	Yeşim Işıl ÜLMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Clinical neuroanatomy	Abuzer GÜNGÖR
16:00 - 16:40	Clinical neuroanatomy	Abuzer GÜNGÖR
16:50 - 17:30	Increased intracranial pressure	Koray ÖZDUMAN

06.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Acute meningitis	Sesin KOCAGÖZ
11:00 - 11:40	Acute meningitis	Sesin KOCAGÖZ
11:50 - 12:30	Analgesic drugs (drugs for headache and opioid analgesics)	İsmail Hakkı ULUS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Physiology of Sleep	Güldal SÜYEN
14:20 - 15:00	Physiology of Sleep	Güldal SÜYEN
15:10 - 15:50	Circadian Rythms	Güldal SÜYEN
16:00 - 16:40	Hypnotics and sedatives	Emel BALOĞLU
16:50 - 17:30	Study Time	

09.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Other CNS infections	Hülya KUŞOĞLU
11:50 - 12:30	Other CNS infections	Hülya KUŞOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Head traumas	Zafer BERKMAN
14:20 - 15:00	Spinal cord traumas	Serdar ÖZGEN
15:10 - 15:50	Spinal cord compression syndromes	Koray ÖZDUMAN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

10.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Chronic meningitis	Sibel GÜNDEŞ
10:10 - 10:50	Alcohol, nicotine, stimulants and drug addiction	Emel BALOĞLU
11:00 - 11:40	Alcohol, nicotine, stimulants and drug addiction	Emel BALOĞLU
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Malformations and developmental diseases	Ayça ERSEN DANYELİ
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

11.03.2020 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	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

12.03.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	CMPS/ME&H: Privacy, confidentiality	Yeşim Işıl ÜLMAN
16:00 - 16:40	CMPS/ME&H: Privacy, confidentiality	Yeşim Işıl ÜLMAN
16:50 - 17:30	Study Time	

13.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.03.2020 MONDAY (MED212 THEORETICAL EXAMINATION II: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	MED212 PRACTICAL EXAMINATION II	MED212 PRACTICAL EXAMINATION II
14:20 - 15:00	MED212 PRACTICAL EXAMINATION II	MED212 PRACTICAL EXAMINATION II
15:10 - 15:50	MED212 PRACTICAL EXAMINATION II	MED212 PRACTICAL EXAMINATION II
16:00 - 16:40	MED212 PRACTICAL EXAMINATION II	MED212 PRACTICAL EXAMINATION II
16:50 - 17:30	Elective Course III/Study Time	

17.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

18.03.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	The orbit and contents	Mustafa AKTEKİN
10:10 - 10:50	The orbit and contents	Mustafa AKTEKİN
11:00 - 11:40	The eye, visual pathway	Mustafa AKTEKİN
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

19.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: Justice, equality, non discrimination	Fatih ARTVİNLİ
10:10 - 10:50	CMPS/ME&H: Justice, equality, non discrimination	Fatih ARTVİNLİ
11:00 - 11:40	CMPS/ME&H: Justice, equality, non discrimination	Fatih ARTVİNLİ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Histology of eye	Deniz YÜCEL
16:00 - 16:40	Histology of eye	Deniz YÜCEL
16:50 - 17:30	Study Time	

20.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RiH: Data collection	
10:10 - 10:50	CMPS/RiH: Data collection	
11:00 - 11:40	CMPS/RiH: Data collection	
11:50 - 12:30	CMPS/RiH: Data collection	
12:30 - 13:30	Lunch time	
13:30 - 14:10	CMPS/RiH: Data collection	
14:20 - 15:00	CMPS/RiH: Data collection	
15:10 - 15:50	CMPS/RiH: Data collection	
16:00 - 16:40	CMPS/RiH: Data collection	
16:50 - 17:30	Study Time	

23.03.2020 MONDAY (MED 222 CMPS/ME&H WRITTEN EXAMINATION-1 17:30- 18:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Optics of vision	Evren KILINÇ
10:10 - 10:50	Optics of vision	Evren KILINÇ
11:00 - 11:40	Physiology of vision	Güldal SÜYEN
11:50 - 12:30	Physiology of vision	Güldal SÜYEN
12:30 - 13:30	Lunch time	
13:30 - 14:10	Biophysics of photoreception	Beki KAN
14:20 - 15:00	Biophysics of photoreception	Beki KAN
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

24.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
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
12:30 - 13:30	Lunch time	
13:30 - 14:10	LAB: Electrooculogram_ Group A	KILINÇ, ÖZ ARSLAN, DURER
14:20 - 15:00	LAB: Electrooculogram_ Group A	KILINÇ, ÖZ ARSLAN, DURER
15:10 - 15:50	LAB: Electrooculogram_ Group B	KILINÇ, ÖZ ARSLAN, DURER
16:00 - 16:40	LAB: Electrooculogram_ Group B	KILINÇ, ÖZ ARSLAN, DURER
16:50 - 17:30	Elective Course III/Study Time	

25.03.2020 WEDNESDAY		
08:30 - 09:10	Auditory pathway and vestibular pathway	Alp BAYRAMOĞLU
09:20 - 10:00	Auditory pathway and vestibular pathway	Alp BAYRAMOĞLU
10:10 - 10:50	Histology of ear	Serap ARBAK
11:00 - 11:40	Histology of ear	Serap ARBAK
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

26.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: Patient rights/Physician's responsibility	Yeşim Işıl ÜLMAN
10:10 - 10:50	CMPS/ME&H: Patient rights/Physician's responsibility	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H: Patient rights/Physician's responsibility	Yeşim Işıl ÜLMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Taste and olfaction	Güldal SÜYEN
16:00 - 16:40	Diagnosis in pschiatry and classification of mental disorders	Ürün ÖZER
16:50 - 17:30	Substance related disorders	Meral AKBIYIK

27.03.2020 FRIDAY		
08:30 - 09:10	CMPS/RiH: Data collection	
09:20 - 10:00	CMPS/RiH: Data collection	
10:10 - 10:50	CMPS/RiH: Data collection	
11:00 - 11:40	CMPS/RiH: Data collection	
11:50 - 12:30	CMPS/RiH: Data collection	
12:30 - 13:30	Lunch time	
13:30 - 14:10	CMPS/RiH: Data collection	
14:20 - 15:00	CMPS/RiH: Data collection	
15:10 - 15:50	CMPS/RiH: Data collection	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.03.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Vestibular senses	Güldal SÜYEN
11:00 - 11:40	Vestibular senses	Güldal SÜYEN
11:50 - 12:30	Clinical problems of peripheral vestibular system	Haluk ÖZKARAKAŞ
12:30 - 13:30	Lunch time	
13:30 - 14:10	CMPS/ME&H: Beginning of life	Yeşim Işıl ÜLMAN
14:20 - 15:00	CMPS/ME&H: Beginning of life	Yeşim Işıl ÜLMAN
15:10 - 15:50	CMPS/ME&H: Beginning of life	Yeşim Işıl ÜLMAN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

31.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/ME&H: End of life, death and dying	ARTVİNLİ, ÜLMAN
11:00 - 11:40	CMPS/ME&H: End of life, death and dying	ARTVİNLİ, ÜLMAN, KARŞIDAĞ
11:50 - 12:30	CMPS/ME&H: End of life, death and dying	ARTVİNLİ, ÜLMAN, KARŞIDAĞ
12:30 - 13:30	Lunch time	
13:30 - 14:10	LAB: The orbit and contents, visual pathway_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
14:20 - 15:00	LAB: The orbit and contents, visual pathway_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
15:10 - 15:50	LAB: The orbit and contents, visual pathway_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:00 - 16:40	LAB: The orbit and contents, visual pathway_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:50 - 17:30	Elective Course III/Study Time	

01.04.2020 WEDNESDAY		
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	LAB: The ear and auditory pathway_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: The ear and auditory pathway_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

02.04.2020 THURSDAY		
08:30 - 09:10	Alzheimer disease	Mustafa SEÇKİN
09:20 - 10:00	Psychosis	Ürün ÖZER
10:10 - 10:50	LAB: The ear and auditory pathway_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: The ear and auditory pathway_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Mood disorders	İrem YALUĞ ULUBİL
16:00 - 16:40	Mood disorders	İrem YALUĞ ULUBİL
16:50 - 17:30	Study Time	

03.04.2020 FRIDAY		
08:30 - 09:10	CMPS/RiH: Data collection	
09:20 - 10:00	CMPS/RiH: Data collection	
10:10 - 10:50	CMPS/RiH: Data collection	
11:00 - 11:40	CMPS/RiH: Data collection	
11:50 - 12:30	CMPS/RiH: Data collection	
12:30 - 13:30	Lunch time	
13:30 - 14:10	CMPS/RiH: Data collection	
14:20 - 15:00	CMPS/RiH: Data collection	
15:10 - 15:50	CMPS/RiH: Data collection	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Biophysics of auditory system	Evren KILINÇ
10:10 - 10:50	Biophysics of auditory system	Evren KILINÇ
11:00 - 11:40	Physiology of hearing	Güldal SÜYEN
11:50 - 12:30	Physiology of hearing	Güldal SÜYEN
12:30 - 13:30	Lunch time	
13:30 - 14:10	Pathology of neurodegenerative and demyelinating diseases	Ayça ERŞEN DANYELİ
14:20 - 15:00	Central nervous system tumors	Ayça ERŞEN DANYELİ
15:10 - 15:50	Central nervous system tumors	Ayça ERŞEN DANYELİ
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

07.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Intracranial tumors	Bahattin TANRIKULU
10:10 - 10:50	CMPS/ME&H: Organ transplantation and donation	Yeşim Işıl ÜLMAN
11:00 - 11:40	CMPS/ME&H: Organ transplantation and donation	Yeşim Işıl ÜLMAN
11:50 - 12:30	CMPS/ME&H: Organ transplantation and donation	Yeşim Işıl ÜLMAN
12:30 - 13:30	Lunch time	
13:30 - 14:10	Conductive and sensorineural hearing problems	Serdar BAYLANÇIÇEK
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

08.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	Özgür Asar
10:10 - 10:50	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
11:00 - 11:40	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

09.04.2020 THURSDAY (MED 233 MEDICAL ENGLISH MIDTERM EXAMINATION: 13:30 – 15:00)		
08:30 - 09:10	Drugs for neurodegenerative diseases	İsmail Hakkı ULUS
09:20 - 10:00	Drugs for neurodegenerative diseases	İsmail Hakkı ULUS
10:10 - 10:50	Anxiety disorders	Çağatay KARŞIDAĞ
11:00 - 11:40	Anxiety disorders	Çağatay KARŞIDAĞ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV: MIDTERM EXAMINATION	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV: MIDTERM EXAMINATION	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Drugs for psychosis	Filiz ONAT
16:00 - 16:40	Drugs for mood disorders	Filiz ONAT
16:50 - 17:30	Study Time	

10.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ME&H: New medical technologies	Yeşim Işıl ÜLMAN
10:10 - 10:50	CMPS/ME&H: New medical technologies	Yeşim Işıl ÜLMAN
11:00 - 11:40	Epilepsy	Erkan ACAR
11:50 - 12:30	Epilepsy	Erkan ACAR
12:30 - 13:30	Lunch time	
13:30 - 14:10	Radiological anatomy and algorithm of the brain	Alp DİNÇER
14:20 - 15:00	Radiological anatomy and algorithm of the spine	Alp DİNÇER
15:10 - 15:50	Neurogenetics	ÖZBEK, ÇOMU
16:00 - 16:40	Neurogenetics	ÖZBEK, ÇOMU
16:50 - 17:30	Study Time	

13.04.2020 MONDAY (MED 222 CMPS/ME&H WRITTEN EXAMINATION-2 17:30- 18:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Drugs for convulsions and epilepsies	Filiz ONAT
10:10 - 10:50	Drugs for convulsions and epilepsies	Filiz ONAT
11:00 - 11:40	Epilepsy in childhood	Uğur IŞIK
11:50 - 12:30	Cerebral palsy	Uğur IŞIK
12:30 - 13:30	Lunch time	
13:30 - 14:10	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
14:20 - 15:00	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
15:10 - 15:50	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

14.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Stroke	Nazire AFŞAR
10:10 - 10:50	Stroke	Nazire AFŞAR
11:00 - 11:40	Approach to the patient with blurred consciousness in primary care	Demet DİNÇ
11:50 - 12:30	Pathology of cerebrovascular diseases	Ayça ERŞEN DANYELİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Pathology of peripheral nerve and muscle	Ayça ERŞEN DANYELİ
15:10 - 15:50	Information transmission and content of information	Devrim ÖZ ARSLAN
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

15.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Neuromuscular disorders	Uğur IŞIK
11:00 - 11:40	Intellectual disability and developmental delay	Uğur IŞIK
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

16.04.2020 THURSDAY		
08:30 - 09:10	General and local anesthetics	Emel BALOĞLU
09:20 - 10:00	Muscle relaxants	Emel BALOĞLU
10:10 - 10:50	Control mechanisms	Devrim ÖZ ARSLAN
11:00 - 11:40	Control mechanisms	Devrim ÖZ ARSLAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Development of the eye and ear	Deniz YÜCEL
16:00 - 16:40	Development of the eye and ear	Deniz YÜCEL
16:50 - 17:30	Study Time	

17.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Biofeedback and reaction time_ Group B	KILINÇ, ÖZ ARSLAN, DURER
10:10 - 10:50	LAB: Biofeedback and reaction time_ Group B	KILINÇ, ÖZ ARSLAN, DURER
11:00 - 11:40	LAB: Biofeedback and reaction time_ Group A	KILINÇ, ÖZ ARSLAN, DURER
11:50 - 12:30	LAB: Biofeedback and reaction time_ Group A	KILINÇ, ÖZ ARSLAN, DURER
12:30 - 13:30	Lunch time	
13:30 - 14:10	Pathology of central nervous system infections	Ayça ERŞEN DANYELİ
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.04.2020 MONDAY (MED212 THEORETICAL EXAMINATION III: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

21.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
14:20 - 15:00	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
15:10 - 15:50	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

22.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Introduction to MED 214 Subject Committee	KARA, ÜNÜBOL
10:10 - 10:50	Introduction to TBL sessions: Hormones	ŞAHİNER, AKSUNGAR
11:00 - 11:40	Study time for TBL	
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

23.04.2020 THURSDAY		
08:30 - 09:10	National Sovereignty and Children's Day	
09:20 - 10:00	National Sovereignty and Children's Day	
10:10 - 10:50	National Sovereignty and Children's Day	
11:00 - 11:40	National Sovereignty and Children's Day	
11:50 - 12:30	National Sovereignty and Children's Day	
12:30 - 13:30	National Sovereignty and Children's Day	
13:30 - 14:10	National Sovereignty and Children's Day	
14:20 - 15:00	National Sovereignty and Children's Day	
15:10 - 15:50	National Sovereignty and Children's Day	
16:00 - 16:40	National Sovereignty and Children's Day	
16:50 - 17:30	National Sovereignty and Children's Day	

24.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PBL Session-1	
10:10 - 10:50	PBL Session-1	
11:00 - 11:40	Thyroid and parathyroid glands	Elif KESKİNÖZ
11:50 - 12:30	Pancreas and adrenal gland	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RiH: Data processing	
14:20 - 15:00	CMPS/RiH: Data processing	
15:10 - 15:50	CMPS/RiH: Data processing	
16:00 - 16:40	CMPS/RiH: Data processing	
16:50 - 17:30	Study Time	

27.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time for TBL	
11:00 - 11:40	Histology of the pituitary gland, pineal gland and endocrine pancreas	Serap ARBAK
11:50 - 12:30	Histology of the thyroid, parathyroid and adrenal gland	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Thyroid, parathyroid, adrenal glands and pancreas_ Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
14:20 - 15:00	LAB: Thyroid, parathyroid, adrenal glands and pancreas_ Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
15:10 - 15:50	LAB: Thyroid, parathyroid, adrenal glands and pancreas_ Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:00 - 16:40	LAB: Thyroid, parathyroid, adrenal glands and pancreas_ Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:50 - 17:30	Elective Course III/Study Time	

28.04.2020 TUESDAY		
08:30 - 09:10	CMPS/RiH: Data processing	
09:20 - 10:00	CMPS/RiH: Data processing	
10:10 - 10:50	CMPS/RiH: Data processing	
11:00 - 11:40	CMPS/RiH: Data processing	
11:50 - 12:30	CMPS/RiH: Data processing	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of endocrine system_ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
14:20 - 15:00	LAB: Histology of endocrine system_ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
15:10 - 15:50	LAB: Histology of endocrine system_ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:00 - 16:40	LAB: Histology of endocrine system_ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:50 - 17:30	Elective Course III/Study Time	

29.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Development of endocrine organs	Merve ELMAS
10:10 - 10:50	Neoplasms of the thyroid	Ümit İNCE
11:00 - 11:40	Thyroiditis, goiter and congenital anomalies	Ümit İNCE
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

30.04.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
10:10 - 10:50	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
11:00 - 11:40	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.05.2020 FRIDAY		
08:30 - 09:10	Labor and Solidarity Day	
09:20 - 10:00	Labor and Solidarity Day	
10:10 - 10:50	Labor and Solidarity Day	
11:00 - 11:40	Labor and Solidarity Day	
11:50 - 12:30	Labor and Solidarity Day	
12:30 - 13:30	Labor and Solidarity Day	
13:30 - 14:10	Labor and Solidarity Day	
14:20 - 15:00	Labor and Solidarity Day	
15:10 - 15:50	Labor and Solidarity Day	
16:00 - 16:40	Labor and Solidarity Day	
16:50 - 17:30	Labor and Solidarity Day	

04.05.2020 MONDAY		
08:30 - 09:10	Study time	
09:20 - 10:00	CMPS/RiH: Data processing	
10:10 - 10:50	CMPS/RiH: Data processing	
11:00 - 11:40	CMPS/RiH: Data processing	
11:50 - 12:30	CMPS/RiH: Data processing	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Thyroid gland diseases	Özlem ÇELİK
14:20 - 15:00		
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

05.05.2020 TUESDAY		
08:30 - 09:10	Study time	
09:20 - 10:00	Study time	
10:10 - 10:50	CMPS/RiH: Data processing	
11:00 - 11:40	CMPS/RiH: Data processing	
11:50 - 12:30	CMPS/RiH: Data processing	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pituitary diseases	Müjdat KARA
14:20 - 15:00	Pituitary diseases	Müjdat KARA
15:10 - 15:50	Study Time	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

06.05.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBL Session 1: General principles of hormones	ŞAHİNER, AKSUNGAR
10:10 - 10:50	TBL Session 1: General principles of hormones	ŞAHİNER, AKSUNGAR
11:00 - 11:40	TBL Session 1: General principles of hormones	ŞAHİNER, AKSUNGAR
11:50 - 12:30	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Elective Course III/Study Time	
16:50 - 17:30	Elective Course III/Study Time	

07.05.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
10:10 - 10:50	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
11:00 - 11:40	CMPS/RiH:Applied Biostatistics (statistical counselling for research)	
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Thyroid hormones and antithyroid drugs	İsmail Hakkı ULUS
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.05.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of pituitary and hypothalamus	Ayçe ERŞEN DANYELİ
10:10 - 10:50	Growth disorders in childhood	Saygın ABALI
11:00 - 11:40	Development of reproductive system and puberty	Saygın ABALI
11:50 - 12:30	Genetic approach to short stature	Kanay YARARBAŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study time for TBL	
14:20 - 15:00	Study time for TBL	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.05.2020 MONDAY		
08:30 - 09:10	CMPS/RiH: Research project presentations	
09:20 - 10:00	CMPS/RiH: Research project presentations	
10:10 - 10:50	CMPS/RiH: Research project presentations	
11:00 - 11:40	CMPS/RiH: Research project presentations	
11:50 - 12:30	CMPS/RiH: Research project presentations	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RiH: Research project presentations	
14:20 - 15:00	CMPS/RiH: Research project presentations	
15:10 - 15:50	CMPS/RiH: Research project presentations	
16:00 - 16:40	CMPS/RiH: Research project presentations	
16:50 - 17:30	CMPS/RiH: Research project presentations	

12.05.2020 TUESDAY		
08:30 - 09:10	CMPS/RiH: Research project presentations	
09:20 - 10:00	CMPS/RiH: Research project presentations	
10:10 - 10:50	CMPS/RiH: Research project presentations	
11:00 - 11:40	CMPS/RiH: Research project presentations	
11:50 - 12:30	CMPS/RiH: Research project presentations	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/RiH: Research project presentations	
14:20 - 15:00	CMPS/RiH: Research project presentations	
15:10 - 15:50	CMPS/RiH: Research project presentations	
16:00 - 16:40	CMPS/RiH: Research project presentations	
16:50 - 17:30	CMPS/RiH: Research project presentations	

13.05.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pathology of adrenal cortex and medulla	Özlem AYDIN
11:00 - 11:40	Adrenal gland diseases	Rüştü SERTER
11:50 - 12:30	Adrenal gland diseases	Rüştü SERTER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of endocrine pancreas	Özlem AYDIN
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.05.2020 THURSDAY (MED 233 MEDICAL ENGLISH FINAL EXAMINATION: 13:30-15:00)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
10:10 - 10:50	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
11:00 - 11:40	Endocrine pancreas and diabetes mellitus	Ender ARIKAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Medical English IV: Final Examination	BOWARSHI, DUMAN, WILLCOCK
14:20 - 15:00	Medical English IV: Final Examination	BOWARSHI, DUMAN, WILLCOCK
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.05.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PBL Session 2	
10:10 - 10:50	PBL Session 2	
11:00 - 11:40	Hypoglycemic disorders	Oğuz Kaan ÜNAL
11:50 - 12:30	Genetic basis of diabetes mellitus	Deniz AĞIRBAŞLI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Adrenocortical hormones and their antagonists	İsmail Hakkı ULUS
14:20 - 15:00	Adrenocortical hormones and their antagonists	İsmail Hakkı ULUS
15:10 - 15:50	Community nutrition	Yeşim YAŞIN
16:00 - 16:40	Breast feeding	Yeşim YAŞIN
16:50 - 17:30	Study Time	

18.05.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pharmacology of endoc. pancreas: Insulin, oral hypoglycemic agents	Filiz ONAT
10:10 - 10:50	Pharmacology of endoc. pancreas: Insulin, oral hypoglycemic agents	Filiz ONAT
11:00 - 11:40	Type I Diabetes Mellitus	Serap SEMİZ
11:50 - 12:30	Calcium and bone disorders in children	Serap SEMİZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL Session 2: Hormones affecting growth and development	ŞAHİNER, AKSUNGAR
14:20 - 15:00	TBL Session 2: Hormones affecting growth and development	ŞAHİNER, AKSUNGAR
15:10 - 15:50	TBL Session 2: Hormones affecting growth and development	ŞAHİNER, AKSUNGAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.05.2020 TUESDAY		
08:30 - 09:10	Commemoration Atatürk, Youth and Sports Day	
09:20 - 10:00	Commemoration Atatürk, Youth and Sports Day	
10:10 - 10:50	Commemoration Atatürk, Youth and Sports Day	
11:00 - 11:40	Commemoration Atatürk, Youth and Sports Day	
11:50 - 12:30	Commemoration Atatürk, Youth and Sports Day	
12:30 - 13:30	Commemoration Atatürk, Youth and Sports Day	
13:30 - 14:10	Commemoration Atatürk, Youth and Sports Day	
14:20 - 15:00	Commemoration Atatürk, Youth and Sports Day	
15:10 - 15:50	Commemoration Atatürk, Youth and Sports Day	
16:00 - 16:40	Commemoration Atatürk, Youth and Sports Day	
16:50 - 17:30	Commemoration Atatürk, Youth and Sports Day	

20.05.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Active case finding of endocrine disorders in childhood in primary care	Demet DİNÇ
10:10 - 10:50	Primary care management of overweight and obesity	Erhan SAYALI
11:00 - 11:40	Study Time for TBL	
11:50 - 12:30	Study Time for TBL	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PANEL: Malnutrition	ÖSM, GB, FA, PT
14:20 - 15:00	PANEL: Malnutrition	ÖSM, GB, FA, PT
15:10 - 15:50	PANEL: Malnutrition	ÖSM, GB, FA, PT
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.05.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Disorders of mineral metabolism	Oğuz Kaan ÜNAL
11:00 - 11:40	Biochemistry of adipose tissue	Mustafa SERTESER
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch time	
13:30 - 14:10	Biochemistry of adipose tissue	Mustafa SERTESER
14:20 - 15:00	Biochemistry of adipose tissue	Mustafa SERTESER
15:10 - 15:50	Body fat and obesity	Özlem SEZGİN MERİÇLİLER
16:00 - 16:40	Agents affecting mineral ion homeostasis and bone turnover	Filiz ONAT
16:50 - 17:30	Nutritional pharmacology, minerals and vitamins	İsmail Hakkı ULUS

22.05.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pituitary hormones and hypothalamic releasing factors	Emel BALOĞLU
10:10 - 10:50	TBL Session 3: Hormones affecting metabolism	ŞAHİNER, AKSUNGAR
11:00 - 11:40	TBL Session 3: Hormones affecting metabolism	ŞAHİNER, AKSUNGAR
11:50 - 12:30	TBL Session 3: Hormones affecting metabolism	ŞAHİNER, AKSUNGAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time for TBL	
14:20 - 15:00	Study Time for TBL	
15:10 - 15:50	Study Time for TBL	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.05.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.05.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.05.2020 WEDNESDAY(MED 233 MEDICAL ENGLISH MAKE-UP EXAMINATION: 16:00-17:30)		
08:30 - 09:10	Radiological anatomy and algorithm of the endocrine system	Fusun TAŞKIN
09:20 - 10:00	Radiological anatomy and algorithm of the endocrine system	Fusun TAŞKIN
10:10 - 10:50	Primary care approach to impaired glucose homeostasis	Pınar TOPSEVER
11:00 - 11:40	PBL Session 3	
11:50 - 12:30	PBL Session 3	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL Review lecture	ŞAHİNER, AKSUNGAR
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Medical English IV: Make-up Examination	BOWARSHI, DUMAN, WILLCOCK
16:50 - 17:30	Medical English IV: Make-up Examination	BOWARSHI, DUMAN, WILLCOCK

28.05.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.05.2020 FRIDAY (MED 214 THEORETICAL EXAMINATION: 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Study Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

ELECTIVES in MEDICINE
(2019 – 2020)
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Ophthalmology

Courses and Projects (2019 – 2020)

First Semester Elective Courses

- (EMED 001) Introduction to Medical Engineering**
Hande Bayram, Ph. D. Assist. Prof. Department of Medical Engineering
- (EMED 005) Vulnerable and Underserved Groups in Healthcare**
Yeşim Yasin, Ph. D. Assist. Prof. Department of Public Health
atih Artvinli, Ph. D. Assoc. Prof. Department of History of Medicine and Ethics
- (EMED 007) Diversity**
İnci User, Ph. D. Prof. Department of Sociology
- (EMED 009) Computational 'Omics' Analysis**
O. Uğur Sezerman, Ph. D. Prof. Department of Biostatistics and Medical Informatics
- (EMED 012) Biomedical Technologies –I-**
Sinem Öktem Okullu, Ph. D. Assist. Prof. Department of Medical Microbiology
- (EMED 019) Research tools in psychophysiology**
Mehmet Ergen, Ph. D. Assist. Prof. Department of Physiology
- (EMED 021) Oral History in Medicine**
Fatih Artvinli, Ph. D. Assoc. Prof. Department of History of Medicine and Ethics
- (EMED 301) Statistical Learning**
Özgür Asar, Ph. D. Assist. Prof. Department of Biostatistics and Medical Informatics
- (EMED 304) How do we learn?**
Melike Şahiner, M. D. Assoc. Prof. Department of Medical Education
- (EMED 023) Molecular Modelling and Graphics**
Tuğba Arzu Özal İldeniz, Ph. D. Assist. Prof. Department of Medical Engineering
- (EMED 025) Biographic studies of Ottoman and Turkish Physicians**
Fatih Artvinli, Ph. D. Assist. Prof. Department of History of Medicine and Ethics
- (EMED 030) Ophtalmic Biotechnology**
Ali Rıza Cenk Çelebi, MD. Assoc. Prof. Department of Ophtalmology
- (EMED 008) Public Speaking**
Levent Altıntaş, M.D. Assoc. Prof. Department of Medical Education

First Semester Elective Researches & Projects

- (EMED 391) Medical Research Projects**
Tanıl Kocagöz, M.D., Prof. Department of Medical Microbiology
Sinem Öktem Okullu, Ph. D. Assist. Prof. Department of Medical Microbiology
- (EMED 381) Social Research Projects**
Fatih Artvinli, Ph. D. Assoc. Prof. Department of History of Medicine and Ethics

Courses and Projects (2019 – 2020)

First Semester Elective Courses

- (EMED 002) **Advanced statistical methods**
Özgür Asar, Ph. D. Assist. Prof. Department of Biostatistics and Medical Informatics
- (EMED 004) **Potential Risks of the Hospital Environment**
Yeşim Yasin, Ph. D. Assist. Prof. Department of Public Health
atih Artvinli, Ph. D. Assoc. Prof. Department of History of Medicine and Ethics
- (EMED 006) **History of medicine in İstanbul**
Fatih Artvinli, Ph. D. Assoc. Prof. Department of History of Medicine and Ethics
Yeşim Ülman, Ph. D. Prof. Department of History of Medicine and Ethics
- (EMED 008) **Public Speaking**
Levent Altıntaş, M.D. Assoc. Prof. Department of Medical Education
- (EMED 010) **Health, Illness and Medicine in Literature**
Nadi Bakırcı, M.D., Prof. Department of Public Health
İnci User, Ph. D. Prof. Department of Department of Sociology
- (EMED 029) **Biomedical Technologies –II-**
Sinem Öktem Okullu, Ph. D. Assist. Prof. Department of Medical Microbiology
- (EMED 014) **Peace Culture**
Ayça Kurtoğlu, Ph. D. Assoc. Prof. Department of Sociology
- (EMED 016) **Technical Drawing (3D Design)**
Mehmed Buğrahan Bayram, Ph. D. Assist. Prof. Department of Medical Engineering
- (EMED 017) **Regenerative Medicine**
Deniz Yücel, Ph. D. Assist. Prof. Department of Histology and Embryology
Beste Kınikoğlu Erol, Ph. D. Assist. Prof. Department of Medical Biology
- (EMED 020) **Myths about Medicinal Plants**
Melike Şahiner, M. D. Assoc. Prof. Department of Medical Education
- (EMED 026) **Quantifying the Efficacy of Learning and Memory Function with Neuroimaging Methods**
Sinem Burcu Erdoğan, Ph. D. Assist. Prof. Department of Medical Engineering
- (EMED 302) **Personalized Medicine**
O. Uğur Sezerman, Ph. D. Prof. Department of Biostatistics and Medical Informatics
- (EMED NEW) **Ophtalmic Biotechnology**
Ali Rıza Cenk Çelebi, MD. Assoc. Prof. Department of Ophtalmology

Second Semester Elective Researches & Projects

- (EMED 292) **Medical Research Projects**
- (EMED 392) *Tanıl Kocağöz, M.D., Prof. Department of Medical Microbiology*
Sinem Öktem Okullu, Ph. D. Assist. Prof. Department of Medical Microbiology
- (EMED 282) **Social Research Projects**
- (EMED 382) *Fatih Artvinli, Ph. D. Assoc. Prof. Department of History of Medicine and Ethics*

General Course Information		Supported EME Course Basic Objective(s)										
Elective Course Title	Name of course instructor	Minimum number of participants	Maximum number of participants	Prerequisite of the course	Semester		Self-directed learning	Collaboration and Productivity/ Team work	Understanding and using basic principles of the evidence-based scientific approaches	Expressing him/herself (oral and written)	Project development, implementation and evaluation	Being aware and taking of the social and ethical responsibilities
					Fall	Spring						
Introduction to Medical Engineering	Hande Bayram, Asstst.Prof.Dr. Faculty of Engineering	1	20	none		X		X		X		X
Vulnerable and Underserved Groups in Healthcare	Fatih Artvinli, Asstst. Prof. History of Medicine & Ethics Yeşim Yasin, Asstst. Prof. Public Health.	6	18	Fluency in Turkish	X			X		X		X
Diversity	Inci User, Prof. Dr. Sociology	4	16	none	X			X		X		X
Computational 'Omics' Analysis	O. Uğur Sezerman, Prof. Dr. Biostatistics and Medical Informatics Department	10	60	Biostatistics, Bioinformatics	X			X		X		X
Research tools in psychophysiology	Mehmet Egen, Asstst. Prof., Dep of Physiology	4	8	none	X			X				
Oral History in Medicine	Fatih Artvinli, Levent Altıntaş, Nadi Bakırcı, Yeşim Üman	4	12	none	X			X		X		X
Statistical Learning	Özgür Asar, Asstst.Prof.Dr. Biostatistics and Medical Informatics Department	3	10	3rd year students MED 250	X			X		X		X
Biomedical Technologies -I-	Sinem Öktem Okullu, - Assistant Prof.Dr.	6	12	none		X		X		X		X
How do we learn?	Melike Şahiner, Associate Prof. Medical Education Department	4	8	3rd year students	X			X		X		X
Molecular Modelling and Graphics	Asst. Prof. Tuğba Arzu Özal İbeniz	1	20	none	X			X		X		X
Biographic studies of Ottoman and Turkish Physicians	Fatih Artvinli, Asstst. Prof. History of Medicine & Ethics	4	8	none	X			X		X		X
Ophthalmic Biotechnology	Ali Rıza Çenk Çelebi Assoc. Prof. Ophthalmology	4	10	none	X			X		X		X
Public Speaking	Levent Altıntaş, Associate Prof. Dr. Medical Education Department	6	12	none	X			X		X		X
Advanced statistical methods	Özgür Asar, Asstst.Prof.Dr. Biostatistics and Medical Informatics Department	6	30	Success in MED107		X		X		X		X
Potential Risks of the Hospital Environment	M.Emin Aksoy, Asstst.Prof.Dr. CASE	6	12	none		X		X		X		X
History of medicine in İstanbul	Fatih Artvinli, Asstst.Prof.Dr. & Yeşim Üman, Prof.Dr.	4	8	none		X		X		X		X
Health, Illness and Medicine in Literature	Nadi Bakırcı, Prof. Dr. & Inci User, Prof. Dr.	6	12	Fluency in Turkish		X		X		X		X
Biomedical Technologies -II-	Sinem Öktem Okullu, Asistant Prof.Dr.	6	12	none		X		X		X		X
Peace Culture	Ayça Kuruoğlu, Associate Prof. Department of Sociology	6	12	none		X		X		X		X
Technical Drawing (3D Design)	Mehmet Büyüktan Bayram, Asst. Prof. Medical Engineering Dept.	1	15	none		X		X		X		X
Regenerative Medicine	Deniz Yücel, Asst. Prof. Histology and Embryology Dept Beate Kınıkçılı, Erol, Asst. Prof. Medical Biology Dept.	8	20	none		X		X		X		X
Myths about Medicinal Plants	Melike Şahiner, Associate Prof. Medical Education Department	4	15	none		X		X		X		X
Quantifying the Efficacy of Learning and Memory Function with Neuroimaging Methods	Sinem Burcu Erodoğan, Asststst.Prof., Medical Engineering Department	8	14			X		X		X		X
Biosensors	Ceyhan Kırmlı, Assistant Prof., Medical Engineering Department	8	14			X		X		X		X
Personalized Medicine	O. Uğur Sezerman, Prof. Dr. Biostatistics and Medical Informatics Department	10	60	3rd year students		X		X		X		X
Medical Research Projects	Tanıl Kocagöz, Prof.Dr.			Acceptance 3rd Year	X			X		X		X
Medical Research Projects	Tanıl Kocagöz, Prof.Dr.		will be announced	Acceptance 2nd Year		X		X		X		X
Medical Research Projects	Tanıl Kocagöz, Prof.Dr.			Acceptance 3rd Year		X		X		X		X
Social Research Projects	Fatih Artvinli, Asstst.Prof.Dr.			Acceptance 3rd Year	X			X		X		X
Social Research Projects	Fatih Artvinli, Asstst.Prof.Dr.		will be announced	Acceptance 2nd Year		X		X		X		X
Social Research Projects	Fatih Artvinli, Asstst.Prof.Dr.			Acceptance 3rd Year		X		X		X		X

YEAR III - COURSES														
COURSE CATEGORY	CODE	COURSE NAME	Theoretical Hours			Practical Hours				Instructional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS
			Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice					
Integrated Medical Courses	MED 311	Cardiovascular System and Related Disorders	120	2	122	5		3	8	130	90	220	8	8
	MED 313	Respiratory System and Related Disorders	64	7	71	4		4	8	79	70	149	5	6
	MED 315	Gastrointestinal System and Related Disorders	113	17	130	8			8	138	100	238	9	9
	MED 312	Urogenital System and Related Disorders	100	9	109	12			12	121	90	211	8	8
	BSC 3	TOTAL	397	35	432	29		7	36	468	350	818	30	31
CMPS	MED 321	Evidence Based Medicine	9	19	28			2	2	30	80	110	2	4
	MED 323	Health and Society-II	20	2	22		48		48	70	100	170	4	7
	CMPS 3	TOTAL	29	21	50		48	2	50	100	180	280	6	11
TCC	MED 330	Transition to Clinical Clerkship (TCC)	20		20			60	66	146	110	256	6	10
Complementary Medical Courses (CMC)	EMED 301	Electives in Medicine-III	7	7	14	14	14		28	42	60	102	2	4
	EMED 302	Electives in Medicine-IV	7	7	14	14	14		28	42	60	102	2	4
TOTAL			460	70	530	57	76	69	66	798	760	1558	46	60

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

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

Lab Study: Practises in Basic Science and Computer Labs.

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

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

Study Time: Self Directed Learning, Preparation.



Course Name	Cardiovascular System and Related Disorders	MED 311
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	16.09.2019-21.10.2019

Theoretical Hours	122	Credit 8	ECTS 8
Practical Hours	8		
Study Hours	90		
TOTAL HOURS	220		

Course Chairs

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*Affiliated Faculty

Educational Methods	Lectures, panel and clinical practice
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Course Aims

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

Learning Outcomes

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

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

Assessment Methods	Theoretical and Practical Examinations
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Course Name	Urogenital System and Related Disorders	MED 312
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Spring
Course Dates	03.02.2020-03.04.2020

Theoretical Hours	109	Credit 8	ECTS 8
Practical Hours	12		
Study Hours	90		
TOTAL HOURS	211		

Course Chairs	
Serkan ERKANLI <i>M.D., Prof. Gynecology and Obstetrics</i> serkan.erkanlı@acibadem.edu.tr	Dilek Kitapçioğlu <i>M.D., Assist. Prof. Medical Education</i> dilek.kitapcioglu@acibadem.edu.tr

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Elif Nedret KESKİNÖZ <i>Ph.D., Assist. Anatomy</i>	Aysel ÖZPINAR <i>D.V.M., Ph.D., Prof. Medical Biochemistry</i>	Burcu BULUM AKBULUT* <i>M.D., Assoc. Prof. Pediatrics</i>
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İbrahim BİLDİRİCİ <i>M.D., Prof. Gynecology and Obstetrics</i>	Handan ZEREN <i>M.D., Prof. Pathology</i>	İlter TÜFEK <i>M.D., Assoc. Prof. Urology</i>
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Educational Methods	Lectures, Lab Study, Panel and Problem Based Learning Sessions
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Course Aims

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

Learning Outcomes

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

Assessment Methods	Theoretical and Practical Examinations, Active Attendance/ Performance Assessment
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Course Name	Respiratory System Disorders	MED 313
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	22.10.2019-25.11.2019

Theoretical Hours	71	Credit 5	ECTS 6
Practical Hours	8		
Study Hours	70		
TOTAL HOURS	149		

Course Chairs

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Educational Methods	Lectures, Lab Study, Panels, and Clinical practice
Course Aims	
This course aims to explain the normal structure and function of the respiratory system and their pathological changes, and to be able to associate these changes with the clinical knowledge related to index diseases.	
Learning Outcomes	
<p>By the end of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Explains the structures and development processes of respiratory system. 2. Explains the mechanism of respiratory physiology. 3. Describe the concept of respiration and explains its relationship with gas laws. 4. Explains the principles of mechanical operation of respiratory system. 5. Explains the respiratory regulation mechanisms 6. Explains the concepts of ventilation, perfusion and diffusion, mechanisms and pathological changes and correlates with clinical information 7. Describe the infectious agents associated with respiratory system, explain the pathological changes related to it and associates with clinical knowledge 8. Explains pathological changes in airways and correlates with clinical knowledge 9. Explains pathological changes associated with vascular structure of respiratory system and correlates with clinical knowledge 10. Explains the effects of tobacco use on the normal structure and the functions of the respiratory system 11. Defines the tumoral lesions of the respiratory system 12. Explains pharmacological approaches related to respiratory disorders 	
Assessment Methods	Theoretical and Practical Examinations, Active Attendance/ Performance Assessment



Course Name	Gastrointestinal System and Related Disorders	MED 315
Course Category	Biomedical Subject Committee	BSC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	26.11.2019-16.01.2020

Theoretical Hours	130	Credit 9	ECTS 9
Practical Hours	8		
Study Hours	100		
TOTAL HOURS	238		

Course Chairs

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M.D., Prof. Infectious Diseases

Deniz AĞIRBAŞLI
M.D., Ph.D., Assist. Prof. Medical Biology

Yeşim YAŞIN
M.A., MSc., Ph.D., Assist. Prof. Public Health

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

Kanay YARARBAŞ
M.D., Assist. Prof. Medical Genetics

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

Nurdan TÖZÜN
M.D., Prof. Internal Medicine

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

*Affiliated Faculty

Bülent DEĞERTEKİN
M.D., Prof. Internal Medicine

Eser KUTSAL
M.D., Prof. Internal Medicine

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

Hülya HAMZAOĞLU
M.D., Prof. Internal Medicine

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

Educational Methods

Lectures, Lab Study, Problem Based Learning Sessions and Team Based Learning Sessions

Course Aims

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

Learning Outcomes

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

1. Gastrointestinal system explains the organs and related structures, macroscopic and microscopic features and developmental processes
2. Explains the functions and functioning mechanisms of the gastrointestinal system organs and related structures
3. Classify functional and organic disorders that may occur in the gastrointestinal tract, explain pathological changes and explain pharmacological approaches that relate to basic clinical diseases
4. Explain microbiology, explain related disorders, clinical picture and pharmacological approaches
5. Describes GIS tumors, explains its development and clinical relevance, screening approach

Assessment Methods

Theoretical and Practical Examinations, Active Attendance/
Performance Assessment



Course Name	Evidence Based Medicine	MED 321
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Fall
Course Dates	17.09.2019-29.11.2019

Theoretical Hours	28	Credit 2	ECTS 4
Practical Hours	2		
Study Hours	80		
TOTAL HOURS	110		

Course Chairs

Pınar TOPSEVER
M.D., Prof. Family Medicine

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Figen DEMİR

M.D., Assoc. Prof. Public Health

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Faculty

Pınar TOPSEVER
M.D., Prof. Family Medicine

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

Işıl PAKIŞ
M.D., Prof. Forensic Medicine

Demet DİNÇ
M.D., Instructor Family Medicine

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

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

Şirin PARKAN
M.D., Instructor Family Medicine

Deniz AĞIRBAŞLI
M.D., Ph.D. Assist. Prof. Medical Biology

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

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

This course aims;

Research in Health: Evidence Based Medicine (EBM)
-Critical Appraisal of Medical Literature-

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

Advanced Communication Skills:

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

Learning Outcomes

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

Research in Health: Evidence Based Medicine (EBM)
-Critical Appraisal of Medical Literature-

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

Advanced Communication Skills

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

Assessment Methods	Written examination, case analyses, assignments.
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Course Name	Health and Society- II	MED 323
Course Category	Clinical Medicine and Professional Skills	CMPS

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Spring
Course Dates	06.02.2020-06.04.2020

Theoretical Hours	22	Credit 4	ECTS 7
Practical Hours	48		
Study Hours	100		
TOTAL HOURS	170		

Course Chairs

Yeşim YASİN
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Faculty

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M.D., Prof. Family Medicine

Demet DİNÇ
M.D., Instructor Family Medicine

Şirin PARKAN
M.D., Instructor Family Medicine

Işıl PAKIŞ
M.D., Prof. Forensic Medicine

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M.D., Assoc. Prof. Public Health

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

Haluk ÖZSARI*
M.D., Assoc. Prof. Faculty of Health Sciences-Healthcare Management

Field Trainers in Primary Care

*Affiliated Faculty

Educational Methods

Observation- and performing of primary care services in a Family Health Center, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions.

Course Aims

This course aims to;

Health and Society:

- Observe clinical practice in Primary Care (PC)
- Consolidate, and transfer prior learning into the primary health care setting and practice of them.

Clinical and Communication Skills: Basic Physical Examination Skills

- Perform basic physical examination in a simulated environment
- Tell apart normal PE findings from pathological ones

Health Systems and Policy

- To develop a broad understanding of health systems and health care delivery processes.
- To explain Turkey Health System
- Assess individual and community needs.
- Demonstrate an awareness of the key concepts in health promotion
- Appreciate the main approaches which can be used in implementing health promotion at individual, community, and policy development levels

Health Economics

- To introduce students to economic principles, to encourage students to develop an understanding of how economic principles can be applied in health care decision making.

Learning Outcomes

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

Health and Society: Practice in Primary Care

- observe the social, cultural economic and political factors of health and illness in the primary health care system
- develop familiarity with practice of health care in the primary care setting
- develop an awareness of the scope of primary health care services
- identify and explore the key requirements in primary care practice
- practice in history taking (anamnesis) and basic physical examination
- communicate effectively with patients, their relatives/carers to collect and to give information
- practice in consultative and scholar communication skills

Health Systems and Policy

- be familiar with goals and objectives of health systems and be introduced to concepts such as equity, efficiency, effectiveness and choice
- understand how health systems are organised and financed; how priorities are identified, resources allocated and providers paid
- differentiate advantages and disadvantages of different structural arrangements, financing and provider payment methods and delivery systems
- be able to identify key challenges faced by health systems
- be familiar with international health system development trends

Health Economics

- describe economic principles
- define key terms and priority setting that will be needed in health economics
- explain different types of economic evaluation: cost minimization analysis, cost utility analysis, cost consequences analysis and cost benefit analysis
- List the tools of health economics and how they influence priorities
- Provide examples of various health care systems and their relationship to market economics.

Assessment Methods

Written examination, case analyses, assignments.



Course Name	Transition to Clinical Clerkship	MED 330
Course Category	Transition to Clinical Clerkship	TCC

Course Type	Compulsory
Medium of Instruction	English
Year / Semester	Year III / Spring
Course Dates	07.05.2020-05.06.2020

Theoretical Hours	20	Credit 6	ECTS 10
Practical Hours	126		
Study Hours	110		
TOTAL HOURS	256		

Course Chairs

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Faculty

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Demet DİNÇ
M.D., Instructor Family Medicine

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

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

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

Educational Methods	Simulated clinical practice in CASE, doctor and nurse shadowing in hospitals, observation and reflection, skill lab practice, lectures
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Course Aims

The aim of this course is to prepare the year III students to clinical clerkship period based on participating in authentic tasks, introduction to routines, norms and culture in the clinic area by using both simulation techniques and shadowing the clinicians in the real health service arena.

Learning Outcomes

1. Preparation to clinical skills participate in authentic tasks/activities

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

- Prioritize and perform history taking and general physical examination
 - o Prepare him/herself, the patient and the environment for PE,
 - o History taking by checklist
 - o Physical examination by checklist with simulated and real patients
 - o Perform assessment of vital signs
 - o Coping with difficult experiences (giving bad news)
- Perform basic procedural skills
 - o IV, IM, subcutaneous injection, catheterization for the bladder, fixation techniques, anthropometric measures,
 - o Hand washing
 - o Coating
- Discuss common medical problems
 - o Specialty topics
 - o Perform clinical reasoning, (preparation to clinical reasoning, reinforcing analytic thought, approach to the patient with the most relevant patient encounter reasons)
- Define rational prescribing principles
- Practice clinical reasoning; constructing differential diagnosis (from symptoms to diagnose)
- Perform equipment and examination tool usage
 - o blood pressure cuff, othoscope, ophthalmoscope etc.

2. Introduction to routines, rules, norms and culture

At the end of this course students will be able to ;

- Be familiar to the relationships in the workplace
- Understand roles and expectations of student in clerkship period
 - o Tips and survival skills for clerkship-advice from prior students
 - o Orientation to outpatient, inpatient service in real environment (how to do work rounds, how work teams function)
 - o Ancillary discipline knowledge (nutrition, physical therapy)
 - o How to protect yourself and your patient; safety/infection precautions
 - o Time management and prioritization
- Be familiar with hospital environment and Self-care precautions (where and how to seek advice and support)
 - o personal care, adaptation to working hours
 - o Write ups, notes
 - o Writing orders
 - o How to use technology (electronic medical record)
 - o Medical center policies /patient info management

Assessment Methods	Check list, 360 degree assessment, OSCE, log book, active participation
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SCHOOL OF MEDICINE
2019-2020
YEAR 3
FALL SEMESTER
SCHEDULE

16.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Dean's Greeting	Yasemin ALANAY/A203
10:10 - 10:50	Introduction to the Year 3	YAPIŞLAR, BALOĞLU
11:00 - 11:40	Introduction to MED 311 Subject Committee	EROĞLU, ERGEN
11:50 - 12:30	Heart and pericardium	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Heart and pericardium	Elif KESKİNÖZ
14:20 - 15:00	Heart and pericardium	Elif KESKİNÖZ
15:10 - 15:50	The heart as a pump; cardiac action potential	Meltem KOLGAZİ
16:00 - 16:40	The heart as a pump; cardiac action potential	Meltem KOLGAZİ
16:50 - 17:30	Study Time	

17.09.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	CMPS/EBM: Introduction to the principles of evidence based medicine	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/EBM: Introduction to the principles of evidence based medicine	DEMİR, TOPSEVER
11:50 - 12:30	Large vessels	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Lymphatic circulation	Mustafa AKTEKİN
14:20 - 15:00	LAB: Heart and pericardium_Group A	ANATOMY DEPARTMENT
15:10 - 15:50	LAB: Heart and pericardium_Group A	ANATOMY DEPARTMENT
16:00 - 16:40	LAB: Heart and pericardium_Group B	ANATOMY DEPARTMENT
16:50 - 17:30	LAB: Heart and pericardium_Group B	ANATOMY DEPARTMENT

18.09.2019 WEDNESDAY		
08:30 - 09:10	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
09:20 - 10:00	Pharmacokinetics: Drug absorption and distribution	Filiz ONAT
10:10 - 10:50	Cardiac cycle	Meltem KOLGAZİ
11:00 - 11:40	Cardiac cycle	Meltem KOLGAZİ
11:50 - 12:30	Physiological principles of heart sounds	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to Electives in Medicine (in Conference Hall)	ARTVİNLİ/ÖOKULLU/ALTINTAŞ
14:20 - 15:00	Introduction to Electives in Medicine (in Conference Hall)	ARTVİNLİ/ÖOKULLU/ALTINTAŞ
15:10 - 15:50	Introduction to Electives in Medicine (in Conference Hall)	ARTVİNLİ/ÖOKULLU/ALTINTAŞ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.09.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pharmacokinetics: Drug metabolism and elimination	Filiz ONAT
10:10 - 10:50	Basic concepts of fluid flow: Pressure, Pascal's law, Poiseuille's law	Beki KAN
11:00 - 11:40	Pharmacodynamics: Principles of drug actions	Emel BALOĞLU
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Rhythmical excitation of the heart	Meltem KOLGAZİ
14:20 - 15:00	Rhythmical excitation of the heart	Meltem KOLGAZİ
15:10 - 15:50	Histology of heart and blood vessels	Deniz YÜCEL
16:00 - 16:40	Histology of heart and blood vessels	Deniz YÜCEL
16:50 - 17:30	Study Time	

20.09.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pharmacodynamics: drug receptor interactions and dose-response rel.	Emel BALOĞLU
10:10 - 10:50	Pharmacodynamics: drug receptor interactions and dose-response rel.	Emel BALOĞLU
11:00 - 11:40	Regulation of cardiac functions	Meltem KOLGAZİ
11:50 - 12:30	Viscosity, laminar and turbulent flow	Evren KILINÇ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Equation of continuity, kinetic energy associated with blood: B. law	Evren KILINÇ
14:20 - 15:00	Drug interactions and factors affecting drug interactions	Filiz ONAT
15:10 - 15:50	Drug interactions and factors affecting drug interactions	Filiz ONAT
16:00 - 16:40	Pharmacogenetics: receptors, transporters and enzymes polymorp.	Filiz ONAT
16:50 - 17:30	Study time	

23.09.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pressure drop, resistance of vascular beds	Beki KAN
14:20 - 15:00	Biophysics of blood vessel systems, Laplace's law	Evren KILINÇ
15:10 - 15:50	Biophysics of blood vessel systems, Laplace's law	Evren KILINÇ
16:00 - 16:40	CMPS/EBM:Er. sources in epidemiological studies-1 Study Timefor TBL	TBL study time
16:50 - 17:30	CMPS/EBM:Er. sources in epidemiological studies-1 Study Timefor TBL	TBL study time

24.09.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Physical principles of ECG	Evren KILINÇ
10:10 - 10:50	Physical principles of ECG	Evren KILINÇ
11:00 - 11:40	Physiological principles of ECG	Meltem KOLGAZİ
11:50 - 12:30	Physiological principles of ECG	Meltem KOLGAZİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Clinical Assessment of normal ECG	Duhan Fatih BAYRAK
14:20 - 15:00	LAB: Large vessels_Group A	ANATOMY DEPARTMENT
15:10 - 15:50	LAB: Large vessels_Group B	ANATOMY DEPARTMENT
16:00 - 16:40	Development of cardiovascular system	Serap ARBAK
16:50 - 17:30	Development of cardiovascular system	Serap ARBAK

25.09.2019 WEDNESDAY		
08:30 - 09:10		
09:20 - 10:00	Cardiovascular history and symptoms	Şevket GÖRGÜLÜ
10:10 - 10:50	Physical examination in cardiology	Şevket GÖRGÜLÜ
11:00 - 11:40	LAB: Histology of heart and blood vessels_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
11:50 - 12:30	LAB: Histology of heart and blood vessels_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	LAB: Histology of heart and blood vessels_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:50 - 17:30	LAB: Histology of heart and blood vessels_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301

26.09.2019 THURSDAY		
08:30 - 09:10	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Ahmet AKYOL
09:20 - 10:00	ECG: atrial & ventricular basic pathologies, ectopic beats, tachycardias	Ahmet AKYOL
10:10 - 10:50	Basic arrhythmia mechanism	Ahmet AKYOL
11:00 - 11:40	Basic arrhythmia mechanism	Ahmet AKYOL
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	ECG: bradycardia and heart blocks	Duhan Fatih BAYRAK
14:20 - 15:00	CMPS/EBM:Err. sources in epidemiological studies-1(RAT and Practice)	DEMİR, TOPSEVER
15:10 - 15:50	CMPS/EBM:Err. sources in epidemiological studies-1(RAT and Practice)	DEMİR, TOPSEVER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.09.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:00 - 10:50	Opening Ceremony	Conference HALL
11:00 - 11:40	Opening Ceremony	Conference HALL
11:50 - 12:30	Opening Ceremony	Conference HALL
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.09.2019 MONDAY (MED 311 THEORETICAL EXAMINATION I :17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.10.2019 TUESDAY		
08:30 - 09:10		
09:20 - 10:00	Regulation of blood flow	Meltem KOLGAZİ
10:10 - 10:50	Regulation of blood flow	Meltem KOLGAZİ
11:00 - 11:40	Lipoprotein metabolism and hyperlipidemias	Mustafa SERTESER
11:50 - 12:30	Lipoprotein metabolism and hyperlipidemias	Mustafa SERTESER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Regulation of blood pressure	Meltem KOLGAZİ
14:20 - 15:00	Regulation of blood pressure	Meltem KOLGAZİ
15:10 - 15:50	Atherosclerosis and hypertensive vascular diseases	Cüyan DEMİRKESEN
16:00 - 16:40	Atherosclerosis and hypertensive vascular diseases	Cüyan DEMİRKESEN
16:50 - 17:30	Study Time	

02.10.2019 WEDNESDAY		
08:30 - 09:10	The role of gravity in circulation	Evren KILINÇ
09:20 - 10:00	Systemic hypertension: mechanisms and diagnosis	Ertuğrul ZENZİRCİ
10:10 - 10:50	Ischemic heart disease	İlkser AKPOLAT
11:00 - 11:40	Ischemic heart disease	İlkser AKPOLAT
11:50 - 12:30	Epidemiology of cardiovascular diseases	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	CMPS/EBM:Randomized clinical trials (Study Time for TBL)	TBL study time
16:50 - 17:30	CMPS/EBM:Randomized clinical trials (Study Time for TBL)	TBL study time

03.10.2019 THURSDAY		
08:30 - 09:10	Vascular events and atherosclerosis	Mustafa SERTESER
09:20 - 10:00	Vascular events and atherosclerosis	Mustafa SERTESER
10:10 - 10:50	Medical English:CVS Journal Club	TOPSEVER, BOWARSHI,DUMAN
11:00 - 11:40	Medical English:CVS Journal Club	TOPSEVER, BOWARSHI,DUMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of valvular heart diseases	Cüyan DEMİRKESEN
14:20 - 15:00	Pathology of valvular heart diseases	Cüyan DEMİRKESEN
15:10 - 15:50	Myocardial ischemia and angina pectoris	Aleks DEĞİRMENCİOĞLU
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

04.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/EBM:Clin appraisal of a randomized clin trial (RAT and Practice)	DEMİR, TOPSEVER
10:10 - 10:50	CMPS/EBM:Clin appraisal of a randomized clin trial (RAT and Practice)	DEMİR, TOPSEVER
11:00 - 11:40	Myocardial infarction: mechanisms and diagnosis	Mustafa Kemal BATUR
11:50 - 12:30	ECG: ischemia, injury, necrosis	Sinan DAĞDELEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drugs altering autonomic nervous system and NO system	İsmail Hakkı ULUS
14:20 - 15:00	Drugs altering autonomic nervous system and NO system	İsmail Hakkı ULUS
15:10 - 15:50	Drugs altering autonomic nervous system and NO system	İsmail Hakkı ULUS
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Drugs affecting vasopressin and renin-angiotensin system	İsmail Hakkı ULUS
10:10 - 10:50	Drug treatment of hypertension	Filiz ONAT
11:00 - 11:40	Drug treatment of hypertension	Filiz ONAT
11:50 - 12:30	Drug treatment of hypertension	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Congenital heart diseases	Arda SAYGILI
14:20 - 15:00	Congenital heart diseases	Arda SAYGILI
15:10 - 15:50	Cyanosis	Arda SAYGILI
16:00 - 16:40	CMPS/EBM: Clinical appraisal of a cohort study (Study Time for TBL)	TBL study time
16:50 - 17:30	Study Time	

08.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Drug treatment of cardiac arrhythmia	Emel BALOĞLU
11:00 - 11:40	Mitral and aortic valvular heart diseases	Ahmet KARABULUT
11:50 - 12:30	Mitral and aortic valvular heart diseases	Ahmet KARABULUT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Tricuspid and pulmonary valvular heart diseases	Alper ÖZKAN
14:20 - 15:00	Right heart failure: physiopathology and diagnosis	Alper ÖZKAN
15:10 - 15:50	Left heart failure: physiopathology and diagnosis-Cardiology	Elif EROĞLU
16:00 - 16:40	Left heart failure: physiopathology and diagnosis-Cardiology	Elif EROĞLU
16:50 - 17:30	Acute heart failure and cardiogenic shock	Elif EROĞLU

09.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Meltem KILERCİK
10:10 - 10:50	Laboratory approach to hemostasis, thrombosis and fibrinolysis	Meltem KILERCİK
11:00 - 11:40	Anticoagulant, thrombolytic agents and antiplatelet drugs	Filiz ONAT
11:50 - 12:30	Anticoagulant, thrombolytic agents and antiplatelet drugs	Filiz ONAT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.10.2019 THURSDAY		
08:30 - 09:10	Laboratory approach to heart failure and cardiac injury	Mustafa SERTESER
09:20 - 10:00	Laboratory approach to heart failure and cardiac injury	Mustafa SERTESER
10:10 - 10:50	Drug treatment of myocardial ischemia	Emel BALOĞLU
11:00 - 11:40	Drug treatment of myocardial ischemia	Emel BALOĞLU
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM: Clinical appraisal of a cohort study (RAT and Practice)	DEMİR, TOPSEVER
14:20 - 15:00	CMPS/EBM: Clinical appraisal of a cohort study (RAT and Practice)	DEMİR, TOPSEVER
15:10 - 15:50	Microcirculation and oedema	Meltem KOLGAZİ
16:00 - 16:40	Microcirculation and oedema	Meltem KOLGAZİ
16:50 - 17:30	Study Time	

11.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Cardiomyopathies	Tansu KARAAHMET
10:10 - 10:50	Cardiomyopathies	Tansu KARAAHMET
11:00 - 11:40	Drug treatment of heart failure	Emel BALOĞLU
11:50 - 12:30	Drug treatment of heart failure	Emel BALOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Heart sounds and cardiac murmurs	ÖZKAN, KARAAHMET
14:20 - 15:00	LAB: ECG recording and evaluation	SD, EZ, GK, SG, MEM
15:10 - 15:50	LAB: ECG recording and evaluation	SD, EZ, GK, SG, MEM
16:00 - 16:40	Cardiac infections	Sesin KOCAGÖZ
16:50 - 17:30	Cardiac infections	Sesin KOCAGÖZ

14.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Coronary circulation and its regulation	Meltem KOLGAZİ
10:10 - 10:50	Blood stream invasion and sepsis	Hülya KUŞOĞLU
11:00 - 11:40	Blood stream invasion and sepsis	Hülya KUŞOĞLU
11:50 - 12:30	Vasculitis	Cüyan DEMİRKESEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Cardiac infections	Sesin KOCAGÖZ
14:20 - 15:00	Cardiac infections	Sesin KOCAGÖZ
15:10 - 15:50	CMPS/EBM: Critical appraisal of a case cont study(Study Time for TBL)	TBL study time
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	PC approach to the patient with chest pain	Erhan SAYALI
10:10 - 10:50	Approach to cardiovascular diseases in primary care	Erhan SAYALI
11:00 - 11:40	Genetics of cardiovascular diseases	Deniz AĞIRBAŞLI
11:50 - 12:30	Genetics of cardiovascular diseases	Deniz AĞIRBAŞLI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Drug treatment of atherosclerosis- hypercholesterolemia and dyslip.	Emel BALOĞLU
14:20 - 15:00	Drug treatment of atherosclerosis- hypercholesterolemia and dyslip.	Emel BALOĞLU
15:10 - 15:50	Coronary heart disease: Primary prevention	Mustafa Ertuğrul MERCAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Prevention and control of cardiovascular diseases	Yeşim YASİN
10:10 - 10:50	Radiological anatomy and algorithym of the cardiovascular system	Burak Cem KALAYCI
11:00 - 11:40	CMPS/EBM: Critical appraisal of a case control study (RAT andPractice)	DEMİR, TOPSEVER
11:50 - 12:30	CMPS/EBM: Critical appraisal of a case control study (RAT andPractice)	DEMİR, TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.10.2019 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.10.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.10.2019 MONDAY (MED 311 THEORETICAL EXAMINATION II :17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

22.10.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Introduction to MED 313 Subject Committee	ÜNÜBOL,DİKENSOY
11:50 - 12:30	Deepback muscles,sub-occipital region	Alp BAYRAMOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Deepback muscles, sub-occipital region Group A	ANATOMY DEPARTMENT
14:20 - 15:00	LAB: Deepback muscles, sub-occipital region Group B	ANATOMY DEPARTMENT
15:10 - 15:50	CMPS/EBM: Methodological studies (Study Time for TBL)	TBL study time
16:00 - 16:40	CMPS/EBM: Methodological studies (Study Time for TBL)	TBL study time.
16:50 - 17:30	Study Time	

23.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	The root of neck	Mustafa AKTEKİN
10:10 - 10:50	The neck	Mustafa AKTEKİN
11:00 - 11:40	The ideal gas law, gas mixtures	Beki KAN
11:50 - 12:30	The ideal gas law, gas mixtures	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	LAB:The root of the neck&neck GroupA	ANATOMY DEPARTMENT
16:50 - 17:30	LAB:The root of the neck&neck GroupB	ANATOMY DEPARTMENT

24.10.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Muscular triangles of the neck	Mustafa AKTEKİN
10:10 - 10:50	LAB:Muscular triangles of neck Group A	ANATOMY DEPARTMENT
11:00 - 11:40	LAB:Muscular triangles of neck Group B	ANATOMY DEPARTMENT
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	The Nose, Associated structures and Paranasal Sinuses	Mustafa AKTEKİN
14:20 - 15:00	The Nose, Associated structures and Paranasal Sinuses	Mustafa AKTEKİN
15:10 - 15:50	Development of head and neck	Serap ARBAK
16:00 - 16:40	Development of head and neck	Serap ARBAK
16:50 - 17:30	Study Time	

25.10.2019 FRIDAY		
08:30 - 09:10	The trachea and the lungs	Alp BAYRAMOĞLU
09:20 - 10:00	The trachea and the lungs	Alp BAYRAMOĞLU
10:10 - 10:50	Histology of the upper respiratory system	Serap ARBAK
11:00 - 11:40	Histology of the lower respiratory System	Serap ARBAK
11:50 - 12:30	Surface tension of alveoli	Beki KAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/EBM: Crit. appraisal of a methodologic. study (RAT and Practice)	DEMİR, TOPSEVER
14:20 - 15:00	CMPS/EBM: Crit. appraisal of a methodologic. study (RAT and Practice)	DEMİR, TOPSEVER
15:10 - 15:50	CMPS/EBM: Crit. appraisal of a methodologic. study (RAT and Practice)	DEMİR, TOPSEVER
16:00 - 16:40	Respiratory system functions	Hande YAPIŞLAR
16:50 - 17:30	Respiratory system functions	Hande YAPIŞLAR

28.10.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Republic Day	
14:20 - 15:00	Republic Day	
15:10 - 15:50	Republic Day	
16:00 - 16:40	Republic Day	
16:50 - 17:30	Republic Day	

29.10.2019 TUESDAY		
08:30 - 09:10	Republic Day	
09:20 - 10:00	Republic Day	
10:10 - 10:50	Republic Day	
11:00 - 11:40	Republic Day	
11:50 - 12:30	Republic Day	
12:30 - 13:30	Republic Day	
13:30 - 14:10	Republic Day	
14:20 - 15:00	Republic Day	
15:10 - 15:50	Republic Day	
16:00 - 16:40	Republic Day	
16:50 - 17:30	Republic Day	

30.10.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: His of the upp res sys Group B	ARBAK,YÜCEL, AÇIKEL ELMAS -A301
10:10 - 10:50	LAB: Hist of the lower resp sys Group B	ARBAK,YÜCEL, AÇIKEL ELMAS -A301
11:00 - 11:40	LAB: His of the upp res sys Group A	ARBAK,YÜCEL, AÇIKEL ELMAS -A301
11:50 - 12:30	LAB: Hist of the lower resp sys Group A	ARBAK,YÜCEL, AÇIKEL ELMAS -A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	The larynx	Mustafa AKTEKİN
16:50 - 17:30	The larynx	Mustafa AKTEKİN

31.10.2019 THURSDAY		
08:30 - 09:10	Study time	
09:20 - 10:00	Study time	
10:10 - 10:50	Medical English: Respiratory System Journal Club	KOCAGÖZ, BOWARSHI,DUMAN
11:00 - 11:40	Medical English: Respiratory System Journal Club	KOCAGÖZ, BOWARSHI,DUMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: The larynx_Group B	ANATOMY DEPARTMENT
14:20 - 15:00	LAB: The larynx_Group A	ANATOMY DEPARTMENT
15:10 - 15:50	LAB:The Trachea and The Lungs_Group A	ANATOMY DEPARTMENT
16:00 - 16:40	LAB:The Trachea and The Lungs_Group B	ANATOMY DEPARTMENT
16:50 - 17:30	Study Time	

01.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Cholinergic, anticholinergic and catecholaminergic drugs	İsmail Hakkı ULUS
11:00 - 11:40	Transfer of respiratory gases in blood	Devrim ÖZ ARSLAN
11:50 - 12:30	Eff. of increas. and decr. lung pressure (deep sea diving-high altitude)	Devrim ÖZ ARSLAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	The Thoracic Wall	Alp BAYRAMOĞLU
14:20 - 15:00	The Thoracic Wall	Alp BAYRAMOĞLU
15:10 - 15:50	CMPS/EBM:Research in Health/EBM Critic. appraisal of a meta-analys.	DEMİR, TOPSEVER
16:00 - 16:40	CMPS/EBM:Research in Health/EBM Critic. appraisal of a meta-analys.	DEMİR, TOPSEVER
16:50 - 17:30	Study Time	

04.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Diaphragm	Elif KESKİNÖZ
11:00 - 11:40	Mediastinum	Elif KESKİNÖZ
11:50 - 12:30	Mediastinum	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB:The thoracic Wall_Group B	ANATOMY DEPARTMENT
14:20 - 15:00	LAB:The thoracic Wall_Group A	ANATOMY DEPARTMENT
15:10 - 15:50	LAB: Diaphragm and Mediastinum_Group B	ANATOMY DEPARTMENT
16:00 - 16:40	LAB: Diaphragm and Mediastinum_Group A	ANATOMY DEPARTMENT
16:50 - 17:30	Study Time	

05.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Development of respiratory system	Deniz YÜCEL
10:10 - 10:50	Diseases of the upper airways	Handan ZEREN
11:00 - 11:40	Diseases of the upper airways	Handan ZEREN
11:50 - 12:30	Upper airway infections in child	Sibel AKA
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Upper respiratory system infections	Hülya KUŞOĞLU
14:20 - 15:00	Upper respiratory system infections	Hülya KUŞOĞLU
15:10 - 15:50	Alveolar and tissue respiration	Hande YAPIŞLAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.11.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Lower respiratory system infections	Sesin KOCAGÖZ
10:10 - 10:50	Lower airway infections in child	Sibel AKA
11:00 - 11:40	Bacterial pneumonias and lung abscess	Handan ZEREN
11:50 - 12:30	Viral and fungal diseases of the lung	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Regulation of Respiration	Hande YAPIŞLAR
16:50 - 17:30	Regulation of Respiration	Hande YAPIŞLAR

07.11.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Chronic Obstructive Pulmonary Disease	Ceyda Erel KİRİŞOĞLU
10:10 - 10:50	Pathology of common chronic obstructive lung diseases	Handan ZEREN
11:00 - 11:40	Pathology of common chronic obstructive lung diseases	Handan ZEREN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Management of common upp and low resp tract infections in PHC	Pınar TOPSEVER
14:20 - 15:00	Management of COPD in PHC	Pınar TOPSEVER
15:10 - 15:50	Expectorants, Antitussive agents and decongestants	Emel BALOĞLU
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	TBC PANEL SESSION	KOCAGÖZ,YASİN,ZEREN,ÇUHADAROĞLU
10:10 - 10:50	TBC PANEL SESSION	KOCAGÖZ,YASİN,ZEREN,ÇUHADAROĞLU
11:00 - 11:40	TBC PANEL SESSION	KOCAGÖZ,YASİN,ZEREN,ÇUHADAROĞLU
11:50 - 12:30	Epidemiology and prevention of tuberculosis	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Diffuse interstitial lung diseases	Handan ZEREN
14:20 - 15:00	Pathology of the pulmonary circulation	Handan ZEREN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	ASTHMA PANEL SESSION/Childhood Asthma	TOPSEVER,KİRİŞOĞLU,BOZDOĞAN
10:10 - 10:50	ASTHMA PANEL SESSION/Childhood Asthma	TOPSEVER,KİRİŞOĞLU,BOZDOĞAN.
11:00 - 11:40	ASTHMA PANEL SESSION/Childhood Asthma	TOPSEVER,KİRİŞOĞLU,BOZDOĞAN
11:50 - 12:30	Drugs for asthma	İsmail Hakkı ULUS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pleural effusion	Öner DİKENSÖY
14:20 - 15:00	Pulmonary embolism and pulmonary vascular disease	Pejman GOLABİ
15:10 - 15:50	Pulmonary embolism and pulmonary vascular disease	Pejman GOLABİ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

12.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Occupational and environmental lung diseases	DİKENSÖY, ZEREN, YAŞIN
11:00 - 11:40	Occupational and environmental lung diseases	DİKENSÖY, ZEREN, YAŞIN
11:50 - 12:30	Occupational and environmental lung diseases	DİKENSÖY, ZEREN, YAŞIN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Tobacco Control and smoking cessation	Çağlar ÇUHADAROĞLU
14:20 - 15:00	Tumors of pleura and mediastinum	Handan ZEREN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.11.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Neoplastic diseases of the lung	Handan ZEREN
11:50 - 12:30	Neoplastic diseases of the lung	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.11.2019 THURSDAY		
08:30 - 09:10	LAB: Respiratory functions (CASE)	Pelin UYSAL
09:20 - 10:00	LAB: Respiratory functions (CASE)	Pelin UYSAL
10:10 - 10:50	LAB: Respiratory functions (CASE)	Pelin UYSAL
11:00 - 11:40	LAB: Respiratory functions (CASE)	Pelin UYSAL
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Radiological anatomy and algorithm of the Head and Neck	Alp DİNÇER
14:20 - 15:00	Radiological anatomy and algorithm of the thorax disorders	Burak Cem KALAYCI
15:10 - 15:50	Radiological anatomy and algorithm of the thorax disorders	Burak Cem KALAYCI
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.11.2019 FRIDAY		
08:30 - 09:10	CMPS/ACS:Introduction to the course	Pınar TOPSEVER
09:20 - 10:00	CMPS/ACS:Difficult patient encounters	Şirin PARKAN
10:10 - 10:50	CMPS/ACS:Breaking bad news	Yasemin ALANAY
11:00 - 11:40	CMPS/ ACS:Initiating behaviour change, motivational interviewing	Pınar TOPSEVER
11:50 - 12:30	CMPS/ACS: Initiating behaviour change, motivational interviewing	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ACS:Simulated patient encounters	CASE
14:20 - 15:00	CMPS/ACS:Simulated patient encounters	CASE
15:10 - 15:50	CMPS/ACS:Simulated patient encounters	CASE
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.11.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/ACS:Simulated patient encounters	CASE
10:10 - 10:50	CMPS/ACS:Simulated patient encounters	CASE
11:00 - 11:40	CMPS/ACS:Simulated patient encounters	CASE
11:50 - 12:30	CMPS/ACS:Simulated patient encounters	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ACS:Simulated patient encounters	CASE
14:20 - 15:00	CMPS/ACS:Simulated patient encounters	CASE
15:10 - 15:50	CMPS/ACS:Simulated patient encounters	CASE
16:00 - 16:40	CMPS/ACS:Simulated patient encounters	CASE
16:50 - 17:30	CMPS/ACS:Simulated patient encounters	CASE

19.11.2019 TUESDAY		
08:30 - 09:10	CMPS/ACS:Simulated patient encounters	CASE
09:20 - 10:00	CMPS/ACS:Simulated patient encounters	CASE
10:10 - 10:50	CMPS/ACS:Simulated patient encounters	CASE
11:00 - 11:40	CMPS/ACS:Simulated patient encounters	CASE
11:50 - 12:30	CMPS/ACS:Simulated patient encounters	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ACS:Simulated patient encounters	CASE
14:20 - 15:00	CMPS/ACS:Simulated patient encounters	CASE
15:10 - 15:50	CMPS/ACS:Simulated patient encounters	CASE
16:00 - 16:40	CMPS/ACS:Simulated patient encounters	CASE
16:50 - 17:30	CMPS/ACS:Simulated patient encounters	CASE

20.11.2019 WEDNESDAY		
08:30 - 09:10	CMPS/ACS:Simulated patient encounters	CASE
09:20 - 10:00	CMPS/ACS:Simulated patient encounters	CASE
10:10 - 10:50	CMPS/ACS:Simulated patient encounters	CASE
11:00 - 11:40	CMPS/ACS:Simulated patient encounters	CASE
11:50 - 12:30	CMPS/ACS:Simulated patient encounters	CASE
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.11.2019 THURSDAY		
09:00-13:00	Occupational health and safety education program	A203
11:50 - 12:30	Academic Enrichment Session	
13:00 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

22.11.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.11.2019 MONDAY (MED 313 THEORETICAL EXAMINATION I :15:30-17:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.11.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Introduction to MED 315 Subject Committee	DEĞERTEKİN, KESKİNÖZ
14:20 - 15:00	Abdominal wall	Mustafa AKTEKİN
15:10 - 15:50	General principles of gastrointestinal function; digestion in the mouth	Meltem KOLGAZİ
16:00 - 16:40	General principles of gastrointestinal function; digestion in the mouth	Meltem KOLGAZİ
16:50 - 17:30	Study Time	

27.11.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Peritoneum and inguinal region	Alp BAYRAMOĞLU
10:10 - 10:50	Peritoneum and inguinal region	Alp BAYRAMOĞLU
11:00 - 11:40	Peritoneum and inguinal region	Alp BAYRAMOĞLU
11:50 - 12:30	TBL 001 - SESSION 1- Introduction to GIS Anatomy	ANATOMY DEPARTMENT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.11.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time TBL 1	
10:10 - 10:50	Study Time TBL 1	
11:00 - 11:40	Study Time TBL 1	
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Abdominal wall & peritoneum_Group A	ANATOMY DEPARTMENT
14:20 - 15:00	LAB: Abdominal wall & peritoneum_Group A	ANATOMY DEPARTMENT
15:10 - 15:50	LAB: Abdominal wall & peritoneum_Group B	ANATOMY DEPARTMENT
16:00 - 16:40	LAB: Abdominal wall & peritoneum_Group B	ANATOMY DEPARTMENT
16:50 - 17:30	Study Time	

29.11.2019 FRIDAY		
08:30 - 09:10	Study Time TBL 1	
09:20 - 10:00	Study Time TBL 1	
10:10 - 10:50	Study Time TBL 1	
11:00 - 11:40	Reference intervals and interpretation of laboratory tests	Abdurrahman COŞKUN
11:50 - 12:30	Reference intervals and interpretation of laboratory tests	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ACS:Tutor feedback	DEMİR, TOPSEVER
14:20 - 15:00	CMPS/ACS:Tutor feedback	DEMİR, TOPSEVER
15:10 - 15:50	CMPS/ACS:Tutor feedback	DEMİR, TOPSEVER
16:00 - 16:40	CMPS/ACS:Tutor feedback	DEMİR, TOPSEVER
16:50 - 17:30	CMPS/ACS:Tutor feedback	DEMİR, TOPSEVER

02.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	TBL 2:Readiness ass. test 'oral cavity, pharynx, esoph.' & cover lecture	ANATOMY DEPARTMENT
11:50 - 12:30	TBL 2:Readiness ass. test 'oral cavity, pharynx, esoph.' & cover lecture	ANATOMY DEPARTMENT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL LAB: Oral cavity, pharynx, oesophagus_Group B	ANATOMY DEPARTMENT
14:20 - 15:00	TBL LAB: Oral cavity, pharynx, oesophagus_Group B	ANATOMY DEPARTMENT
15:10 - 15:50	TBL LAB: Oral cavity, pharynx, oesophagus_Group A	ANATOMY DEPARTMENT
16:00 - 16:40	TBL LAB: Oral cavity, pharynx, oesophagus_Group A	ANATOMY DEPARTMENT
16:50 - 17:30	Study Time	

03.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time TBL 2	
10:10 - 10:50	Study Time TBL 2	
11:00 - 11:40	Study Time TBL 2	
11:50 - 12:30	Histology of the upper digestive system	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of the Upper Digestive System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
14:20 - 15:00	LAB: Histology of the Upper Digestive System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
15:10 - 15:50	LAB: Histology of the Upper Digestive System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:00 - 16:40	LAB: Histology of the Upper Digestive System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:50 - 17:30	Study Time	

04.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time TBL 2	
09:20 - 10:00	Study Time TBL 2	
10:10 - 10:50	Study Time TBL 2	
11:00 - 11:40	TBL 3: Readiness ass. test 'stomach, small int.' & cover lecture	ANATOMY DEPARTMENT
11:50 - 12:30	TBL 3: Readiness ass. test 'stomach, small int.' & cover lecture	ANATOMY DEPARTMENT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time TBL 3	
16:50 - 17:30	Study Time TBL 3	

05.12.2019 THURSDAY		
08:30 - 09:10	Study Time TBL 3	
09:20 - 10:00	Study Time TBL 3	
10:10 - 10:50	Medical English:GIS Journal Club	TÖZÜN, BOWARSHI,DUMAN
11:00 - 11:40	Medical English:GIS Journal Club	TÖZÜN, BOWARSHI,DUMAN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL LAB: stomach, small intestine_Group B	ANATOMY DEPARTMENT
14:20 - 15:00	TBL LAB: stomach, small intestine_Group B	ANATOMY DEPARTMENT
15:10 - 15:50	TBL LAB: stomach, small intestine_Group A	ANATOMY DEPARTMENT
16:00 - 16:40	TBL LAB: stomach, small intestine_Group A	ANATOMY DEPARTMENT
16:50 - 17:30	Study Time	

06.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Motor and secretory functions of the stomach	Meltem KOLGAZİ
10:10 - 10:50	Digestion in the stomach	Meltem KOLGAZİ
11:00 - 11:40	Pathology of oral cavity and salivary gland	Sibel ERDAMAR ÇETİN
11:50 - 12:30	Pathology of esophagus	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of esophagus	Sibel ERDAMAR ÇETİN
14:20 - 15:00	Study Time for TBL 3	
15:10 - 15:50	Study Time for TBL 3	
16:00 - 16:40	Study Time for TBL 3	
16:50 - 17:30	Study Time	

09.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Secretions of exocrine pancreas and gall bladder	Meltem KOLGAZİ
10:10 - 10:50	Motor and secretory functions of the small intestine	Meltem KOLGAZİ
11:00 - 11:40	TBL 4: Readiness ass. test 'large int., anal canal' & cover lecture	ANATOMY DEPARTMENT
11:50 - 12:30	TBL 4: Readiness ass. test 'large int., anal canal' & cover lecture	ANATOMY DEPARTMENT
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL LAB: Large intestine, anal canal_Group A	ANATOMY DEPARTMENT
14:20 - 15:00	TBL LAB: Large intestine, anal canal_Group A	ANATOMY DEPARTMENT
15:10 - 15:50	TBL LAB: Large intestine, anal canal_Group B	ANATOMY DEPARTMENT
16:00 - 16:40	TBL LAB: Large intestine, anal canal_Group B	ANATOMY DEPARTMENT
16:50 - 17:30	Study Time for TBL 4	

10.12.2019 TUESDAY		
08:30 - 09:10	Study Time for TBL 4	
09:20 - 10:00	Dig. and abs. of nitrogenous compounds, carbohydrates and fat	Mustafa SERTESER
10:10 - 10:50	Dig. and abs. of nitrogenous compounds, carbohydrates and fat	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
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Hist of the lower Dig. sys_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
14:20 - 15:00	LAB: Hist of the lower Dig. sys_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
15:10 - 15:50	LAB: Hist of the lower Dig. sys_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:00 - 16:40	LAB: Hist of the lower Dig. sys_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:50 - 17:30	Study Time for TBL 4	

11.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time for TBL 4	
09:20 - 10:00	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman COŞKUN
10:10 - 10:50	Biochemical aspects of amino acids and protein metabolism disorders	Abdurrahman COŞKUN
11:00 - 11:40	Histology of the glands of the digestive system	Serap ARBAK
11:50 - 12:30	Histology of the glands of the digestive system	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time for TBL 4	
16:50 - 17:30	Study Time for TBL 4	

12.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Digestion and absorption in the small intestine	Meltem KOLGAZİ
10:10 - 10:50	TBL 5:Readiness test 'liver, hepatobiliary & portal sys.& cover lecture	ANATOMY DEPARTMENT
11:00 - 11:40	TBL 5:Readiness test 'liver, hepatobiliary & portal sys.& cover lecture	ANATOMY DEPARTMENT
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	TBL LAB: Anatomy 5_Group A; LAB: Histology of the Glands_Group B	ANATOMY DEPT,ARBAK,YÜCEL
14:20 - 15:00	TBL LAB: Anatomy 5_Group A; LAB: Histology of the Glands_Group B	ANATOMY DEPT,ARBAK,YÜCEL
15:10 - 15:50	TBL LAB: Anatomy 5_Group B; LAB: Histology of the Glands_Group A	ANATOMY DEPT,ARBAK,YÜCEL
16:00 - 16:40	TBL LAB: Anatomy 5_Group B; LAB: Histology of the Glands_Group A	ANATOMY DEPT,ARBAK,YÜCEL
16:50 - 17:30	Study Time	

13.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Motor and secretory functions; absorption in the large intestine; def.	Meltem KOLGAZİ
11:00 - 11:40	Regulation of feeding	Meltem KOLGAZİ
11:50 - 12:30	Gastric, intestinal and pancreatic function tests	Mustafa SERTESER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Biochemical aspects of carbohydrate metabolism disorders	Fehime AKSUNGAR
14:20 - 15:00	Biochemical aspects of carbohydrate metabolism disorders	Fehime AKSUNGAR
15:10 - 15:50	Biochemical aspects of carbohydrate metabolism disorders	Fehime AKSUNGAR
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of gastritis and peptic ulcer	Sibel ERDAMAR ÇETİN
10:10 - 10:50	Pathology of gastritis and peptic ulcer	Sibel ERDAMAR ÇETİN
11:00 - 11:40	Gastroesophageal reflux disease	Özdal ERSOY
11:50 - 12:30	Peptic ulcer disease	Özdal ERSOY
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Tumors of the upper and lower digestive tract	Eser KUTSAL
14:20 - 15:00	Tumors of the upper and lower digestive tract	Eser KUTSAL
15:10 - 15:50	Neoplastic diseases of the stomach	Sibel ERDAMAR ÇETİN
16:00 - 16:40	Neoplastic diseases of the stomach	Sibel ERDAMAR ÇETİN
16:50 - 17:30	Study Time	

17.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Drugs for the therapy of acid peptic diseases	Filiz ONAT
10:10 - 10:50	Drugs for the therapy of acid peptic diseases	Filiz ONAT
11:00 - 11:40	Development of digestive system	Serap ARBAK
11:50 - 12:30	Development of digestive system	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Liver functions	Aysel ÖZPINAR
14:20 - 15:00	Liver functions	Aysel ÖZPINAR
15:10 - 15:50	Biochemical assessment of liver function	Suna YAPALI
16:00 - 16:40	Virology of Hepatitis	Sesin KOCAGÖZ
16:50 - 17:30	Study Time	

18.12.2019 WEDNESDAY		
08:30 - 09:10	Pathology of acute and chronic hepatitis	PATHOLOGY SEMINAR
09:20 - 10:00	Pathology of acute and chronic hepatitis	PATHOLOGY SEMINAR
10:10 - 10:50	Acute viral hepatitis	Nurdan TÖZÜN
11:00 - 11:40	Acute viral hepatitis	Nurdan TÖZÜN
11:50 - 12:30	Detoxification mechanism	Abdurrahman COŞKUN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.12.2019 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Chronic hepatitis	Nurdan TÖZÜN
11:00 - 11:40	Chronic hepatitis	Nurdan TÖZÜN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Genetic basis of common gastrointestinal disorders	Kanay YARARBAŞ
14:20 - 15:00	Genetic basis of common gastrointestinal disorders	Kanay YARARBAŞ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.12.2019 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

23.12.2019 MONDAY(MED 315 THEORETICAL EXAMINATION I: 10:00-12:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 312 PRACTICAL EXAMINATION I	
14:20 - 15:00	MED 312 PRACTICAL EXAMINATION I	
15:10 - 15:50	MED 312 PRACTICAL EXAMINATION I	
16:00 - 16:40	MED 312 PRACTICAL EXAMINATION I	
16:50 - 17:30	Study Time	

24.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Morphological patterns of hepatic injury and cirrhosis	PATHOLOGY SEMINAR
11:50 - 12:30	Morphological patterns of hepatic injury and cirrhosis	PATHOLOGY SEMINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Tumors of small and large intestine	Sibel ERDAMAR ÇETİN
14:20 - 15:00	Tumors of small and large intestine	Sibel ERDAMAR ÇETİN
15:10 - 15:50	Tumors of small and large intestine	Sibel ERDAMAR ÇETİN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.12.2019 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Abdominal discomfort and emergencies of the GI tract in primary care	Demet Dinç
10:10 - 10:50	Viral Gastroenteritis	Hülya KUŞOĞLU
11:00 - 11:40	Parasitic Gastroenteritis	Özgür KURT
11:50 - 12:30	Food safety	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.12.2019 THURSDAY		
08:30 - 09:10	Infectious enterocolitis	Özlem AYDIN
09:20 - 10:00	Malabsorption syndromes, vascular disorders and diverticular disease	Özlem AYDIN
10:10 - 10:50	Bacterial gastroenteritis and food poisoning	Sibel GÜNDEŞ
11:00 - 11:40	Bacterial gastroenteritis and food poisoning	Sibel GÜNDEŞ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	PBL Session 1	
15:10 - 15:50	PBL Session 1	
16:00 - 16:40	Study Time PBL 1	
16:50 - 17:30	Study Time PBL 1	

27.12.2019 FRIDAY		
08:30 - 09:10	Study Time PBL 1	
09:20 - 10:00	Study Time PBL 1	
10:10 - 10:50	Study Time PBL 1	
11:00 - 11:40	Hepatomegaly in childhood	Mahir GÜLCAN
11:50 - 12:30	Viral hepatitis in childhood	Mahir GÜLCAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Acute abdominal disease in children	Burak TANDER
14:20 - 15:00	Gastrointestinal system embryopathogenesis	Burak TANDER
15:10 - 15:50	Alcoholic and nonalcoholic liver diseases	Bülent DEĞERTEKİN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.12.2019 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Functional GI disorders	Özda ERSOY
10:10 - 10:50	Functional GI disorders	Özda ERSOY
11:00 - 11:40	Metabolic liver diseases	PATHOLOGY SEMINAR
11:50 - 12:30	Metabolic liver diseases	PATHOLOGY SEMINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of circulatory disorders of liver	PATHOLOGY SEMINAR
14:20 - 15:00	Portal hypertension and clinical presentation of liver cirrhosis	Nurdan TÖZÜN
15:10 - 15:50	Portal hypertension and clinical presentation of liver cirrhosis	Nurdan TÖZÜN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.12.2019 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Hereditary and metabolic diseases of the liver in the adult	Nurten TÜREL
11:00 - 11:40	Tumors of the liver	Nurten TÜREL
11:50 - 12:30	Inflammatory bowel disease	Sibel ERDAMAR ÇETİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.01.2020 WEDNESDAY		
08:30 - 09:10	New Year's Day	
09:20 - 10:00	New Year's Day	
10:10 - 10:50	New Year's Day	
11:00 - 11:40	New Year's Day	
11:50 - 12:30	New Year's Day	
12:30 - 13:30	New Year's Day	
13:30 - 14:10	New Year's Day	
14:20 - 15:00	New Year's Day	
15:10 - 15:50	New Year's Day	
16:00 - 16:40	New Year's Day	
16:50 - 17:30	New Year's Day	

02.01.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Inflammatory bowel disease	Hülya HAMZAOĞLU
14:20 - 15:00	Inflammatory bowel disease	Hülya HAMZAOĞLU
15:10 - 15:50	Health promotion & primary prevention: Nutrition, life style and GI dis.	Şirin PARKAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.01.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Malabsorption and coeliac disease	Arzu TİFTİKÇİ
10:10 - 10:50	Malabsorption and coeliac disease	Arzu TİFTİKÇİ
11:00 - 11:40	Drug and toxin induced liver disease	PATHOLOGY SEMINAR
11:50 - 12:30	Pathology of intrahepatic biliary tract diseases	PATHOLOGY SEMINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PBL Session 2	
14:20 - 15:00	PBL Session 2	
15:10 - 15:50	Study Time PBL 2	
16:00 - 16:40	Study Time PBL 2	
16:50 - 17:30	Study Time PBL 2	

06.01.2020 MONDAY		
08:30 - 09:10	Study Time PBL 2	
09:20 - 10:00	Study Time PBL 2	
10:10 - 10:50	Inborn errors of metabolism	PATHOLOGY SEMINAR
11:00 - 11:40	Inborn errors of metabolism	PATHOLOGY SEMINAR
11:50 - 12:30	Pathology of hepatic nodules and tumors	PATHOLOGY SEMINAR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Molecular basis of colon cancer	Deniz AĞIRBAŞLI
14:20 - 15:00	Antiemetics	İsmail Hakkı ULUS
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.01.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pathology of exocrine pancreas, gall bladder and appendix	PATHOLOGY SEMINAR
11:00 - 11:40	Pathology of exocrine pancreas, gall bladder and appendix	PATHOLOGY SEMINAR
11:50 - 12:30	Gallstone disease	Can GÖNEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Acute pancreatitis	Gürhan ŞİŞMAN
14:20 - 15:00	Chronic pancreatitis	Gürhan ŞİŞMAN
15:10 - 15:50	Radiological anatomy and algorithm of the abdomen	Aylin ALTAN KUŞ
16:00 - 16:40	Radiological anatomy and algorithm of the abdomen	Aylin ALTAN KUŞ
16:50 - 17:30	Study Time	

08.01.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	PBL Session 3	
11:50 - 12:30	PBL Session 3	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.01.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Drugs affecting secretory and motor functions of GI system	Emel BALOĞLU
10:10 - 10:50	Drugs for constipation and diarrhea	Emel BALOĞLU
11:00 - 11:40	Drugs used in inflammatory bowel disease + pancreatic disease	İsmail Hakkı ULUS
11:50 - 12:30	Drugs used in inflammatory bowel disease + pancreatic disease	İsmail Hakkı ULUS
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Infantile cholestasis	Vildan ERTEKİN
14:20 - 15:00	Abdominal pain in childhood	Vildan ERTEKİN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.01.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.01.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.01.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.01.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.01.2020 THURSDAY (MED 315 THEORETICAL EXAMINATION II: 10:00-12:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.01.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

SCHOOL OF MEDICINE
2019-2020

YEAR 3
SPRING SEMESTER
SCHEDULE

03.02.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Introduction to MED 312 Subject Committee	ERKANLI, KİTAPÇIOĞLU
11:00 - 11:40	Kidney,Ureter,Urinary bladder,Urethra	Elif KESKİNÖZ
11:50 - 12:30	Kidney,Ureter,Urinary bladder,Urethra	Elif KESKİNÖZ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Kidney,Ureter,Urinary bladder,Urethra_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
14:20 - 15:00	LAB: Kidney,Ureter,Urinary bladder,Urethra_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

04.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Histology of the organs forming the urinary system	Serap ARBAK
10:10 - 10:50	Histology of the organs forming the urinary system	Serap ARBAK
11:00 - 11:40	Glomerular filtration	Mehmet ERGEN
11:50 - 12:30	Glomerular filtration	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Histology of the Organs Forming the Urinary System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
14:20 - 15:00	LAB: Histology of the Organs Forming the Urinary System_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

05.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Molecular pathology	Sibel ERDAMAR ÇETİN
10:10 - 10:50	Molecular pathology	Sibel ERDAMAR ÇETİN
11:00 - 11:40	Tubular reabsorption and secretion	Mehmet ERGEN
11:50 - 12:30	Tubular reabsorption and secretion	Mehmet ERGEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Regulation of ECF ion concentrations	Mehmet ERGEN
10:10 - 10:50	Regulation of ECF ion concentrations	Mehmet ERGEN
11:00 - 11:40	Micturition	Mehmet ERGEN
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS:/H&S:Introduction to CMPS VI, Orientation PC Field Study	YASİN, TOPSEVER,DEMİR
14:20 - 15:00	LAB: Histology of the Organs Forming the Urinary System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
15:10 - 15:50	LAB: Histology of the Organs Forming the Urinary System_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Development of the Urinary System	Deniz YÜCEL
10:10 - 10:50	Development of the Urinary System	Deniz YÜCEL
11:00 - 11:40	CMPS/ H&S: Introduction to health economics	ÖZSARI
11:50 - 12:30	CMPS/ H&S: Introduction to health economics	ÖZSARI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Renal function tests and urinalysis	Abdurrahman COŞKUN
14:20 - 15:00	Renal function tests and urinalysis	Abdurrahman COŞKUN
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.02.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Acid base balance	Mehmet ERGEN
10:10 - 10:50	Acid base balance	Mehmet ERGEN
11:00 - 11:40	Approach to fluid-electrolyte disorders	Ülkem ÇAKIR
11:50 - 12:30	Differential diagnosis of acid-base disorders	Ülkem ÇAKIR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Urine Examination_Group B	ÖZPINAR, UÇAL
14:20 - 15:00	LAB: Urine Examination_Group B	ÖZPINAR, UÇAL
15:10 - 15:50	LAB: Urine Examination_Group A	ÖZPINAR, UÇAL
16:00 - 16:40	LAB: Urine Examination_Group A	ÖZPINAR, UÇAL
16:50 - 17:30	Study Time	

12.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
10:10 - 10:50	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
11:00 - 11:40	Agents affecting renal conservation of water	Emel BALOĞLU
11:50 - 12:30	Agents affecting renal conservation of water	Emel BALOĞLU
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
10:10 - 10:50	Pathology of glomerular diseases	Asiye Işın DOĞAN EKİCİ
11:00 - 11:40	Pathology of tubular and interstitial diseases of kidney	Asiye Işın DOĞAN EKİCİ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Clinical presentation of glomerular and tubulointerstitial diseases	Sevgi ŞAHİN
14:20 - 15:00	Clinical presentation of glomerular and tubulointerstitial diseases	Sevgi ŞAHİN
15:10 - 15:50	Congenital anomalies of urinary tract	Yeşim SAĞLICAN
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Conditions associated with hematuria	Burcu Bulum AKBULUT
10:10 - 10:50	Conditions associated with proteinuria	Burcu Bulum AKBULUT
11:00 - 11:40	CMPS/H&S: Supply, demand & market in health economics	Haluk ÖZSARI
11:50 - 12:30	CMPS/H&S: Supply, demand & market in health economics	Haluk ÖZSARI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Renal involvement in diabetes and hypertension	Sevgi ŞAHİN
14:20 - 15:00	Etiology and diagnosis of acute kidney disease	Sevgi ŞAHİN
15:10 - 15:50	Urologic symptoms and physical examination	Hakan ÖZVERİ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.02.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pathology of urinary tract	Yeşim SAĞLICAN
11:00 - 11:40	Pathology of renal tumors	Yeşim SAĞLICAN
11:50 - 12:30	Pathology of vascular diseases of kidney	Asiye Işın DOĞAN EKİCİ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Urinary tract infections	Hülya KUŞOĞLU
14:20 - 15:00	Urinary tract infections	Hülya KUŞOĞLU
15:10 - 15:50	Agents for urinary tract infections	Filiz ONAT
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pelvis and Perineum	Mustafa AKTEKİN
11:00 - 11:40	Vessels of the pelvis	Mustafa AKTEKİN
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.02.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Pathology of prostate	Yeşim SAĞLICAN
10:10 - 10:50	LAB: Pelvis, Perineum and vessels of the pelvis Group _A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:00 - 11:40	LAB: Pelvis, Perineum and vessels of the pelvis Group _B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Urinary obstruction	İlter TÜFEK
14:20 - 15:00	Urinary incontinence	Murat ŞAMLI
15:10 - 15:50	Hereditary basis of renal disorders	Deniz AĞIRBAŞLI
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS: H&S:Health promotion	DEMİR, TOPSEVER
10:10 - 10:50	CMPS: H&S:Health promotion	DEMİR, TOPSEVER
11:00 - 11:40	CMPS/ H&S: Finance&economic appraisal of health	Haluk ÖZSARI
11:50 - 12:30	CMPS/ H&S: Finance&economic appraisal of health	Haluk ÖZSARI
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Management of the patient with urinary incontinence in primary care	Şirin PARKAN
14:20 - 15:00	Drugs affecting bladder functions	İsmail Hakkı ULUS
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.02.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.02.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.02.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.02.2020 THURSDAY (MED 312 THEORETICAL EXAMINATION I 17:30-19:30)		
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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 314 PRACTICAL EXAM I	
14:20 - 15:00	MED 314 PRACTICAL EXAM I	
15:10 - 15:50	MED 314 PRACTICAL EXAM I	
16:00 - 16:40	MED 314 PRACTICAL EXAM I	
16:50 - 17:30	MED 314 PRACTICAL EXAM I	

28.02.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Female genital organs	Elif KESKİNÖZ
10:10 - 10:50	Male genital organs	Elif KESKİNÖZ
11:00 - 11:40	CMPS/ H&S: Government's role in health care	Haluk ÖZSARI
11:50 - 12:30	CMPS/ H&S: Government's role in health care	Haluk ÖZSARI
12:30 - 13:30	Lunch Time	
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	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.03.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Female reproductive function	Mehmet ERGEN
10:10 - 10:50	Female reproductive function	Mehmet ERGEN
11:00 - 11:40	Prenatal Diagnosis	Kanay YARARBAŞ
11:50 - 12:30	Prenatal Diagnosis	Kanay YARARBAŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB: Female and male genital organs_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
14:20 - 15:00	LAB: Female and male genital organs_Group B	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
15:10 - 15:50	LAB: Female and male genital organs_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:00 - 16:40	LAB: Female and male genital organs_Group A	BAYRAMOĞLU, AKTEKİN, KESKİNÖZ
16:50 - 17:30	Study Time	

04.03.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	LAB: Histology of the Organs Form. the Fem. Rep. Sys._ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
10:10 - 10:50	LAB: Histology of the Organs Form. the Fem. Rep. Sys._ Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
11:00 - 11:40	LAB: Histology of the Organs Form. the Fem. Rep. Sys._ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
11:50 - 12:30	LAB: Histology of the Organs Form. the Fem. Rep. Sys._ Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

05.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Biochemistry of reproductive hormones	Ahmet Tarık BAYKAL
11:00 - 11:40	Biochemistry of reproductive hormones	Ahmet Tarık BAYKAL
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Gynecologic history taking, pelvic examination and diag. modalities	Belgin SELAM
14:20 - 15:00	Menstrual cycle disorders	Belgin SELAM
15:10 - 15:50	Fertilization, implantation and reproductive immunology	Tayfun BAĞIŞ
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Pregnancy physiology	Mehmet ERGEN
11:00 - 11:40	Hereditary breast and ovarian cancers	Cemaliye AKYERLİ BOYLU
11:50 - 12:30	Genetic basis of infertility	Kanay YARARBAŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of breast	Ümit İNCE
14:20 - 15:00	Pathology of breast	Ümit İNCE
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.03.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Normal and abnormal labor and delivery	Özlem PATA
10:10 - 10:50	Physiologic changes in the puerperium	İbrahim BİLDİRİCİ
11:00 - 11:40	Congenital Infections	Metehan ÖZEN
11:50 - 12:30	Congenital Infections	Metehan ÖZEN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Histology of the organs forming the male reproductive system	Deniz YÜCEL
14:20 - 15:00	Histology of the organs forming the male reproductive system	Deniz YÜCEL
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

11.03.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Male reproductive function	Mehmet ERGEN
11:00 - 11:40	Development of the reproductive system	Serap ARBAK
11:50 - 12:30	Development of the reproductive system	Serap ARBAK
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

12.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Gestational trophoblastic diseases and placental disorders	Handan ZEREN
11:50 - 12:30	Cytology of female reproductie system	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PBL Session 1	
14:20 - 15:00	PBL Session 1	
15:10 - 15:50	Study Time for PBL 1	
16:00 - 16:40	Study Time for PBL 1	
16:50 - 17:30	Study Time for PBL 1	

13.03.2020 FRIDAY		
08:30 - 09:10	Study Time for PBL 1	
09:20 - 10:00	Study Time for PBL 1	
10:10 - 10:50	Study Time for PBL 1	
11:00 - 11:40	CMPS/ H&S: Health systems and policy-1	Yeşim YASİN
11:50 - 12:30	CMPS/ H&S: Health systems and policy-1	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	LAB:Hist of the organs forming the male reproductive system_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
14:20 - 15:00	LAB:Hist of the organs forming the male reproductive system_Group B	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
15:10 - 15:50	LAB:Hist of the organs forming the male reproductive system_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:00 - 16:40	LAB:Hist of the organs forming the male reproductive system_Group A	ARBAK, YÜCEL, AÇIKEL ELMAS -A301
16:50 - 17:30	Study Time	

16.03.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of testis	Yeşim SAĞLICAN
11:50 - 12:30	Pathology of testis	Yeşim SAĞLICAN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Reproductive health	Yeşim YASİN
14:20 - 15:00	Safe motherhood	Yeşim YASİN
15:10 - 15:50	Male sexual dysfunction	Enis Rauf COŞKUNER
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

18.03.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Pathology of non neoplastic uterine corpus	Handan ZEREN
11:50 - 12:30	Pathology of neoplastic uterine corpus	Handan ZEREN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

19.03.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Medical English: GUS Journal Club	ÖZVEREN, BOWARSHI, DUMAN
10:10 - 10:50	Medical English: GUS Journal Club	ÖZVEREN, BOWARSHI, DUMAN
11:00 - 11:40	Agents for erectile dysfunction	İsmail Hakkı ULUS
11:50 - 12:30	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PBL Session 2	
14:20 - 15:00	PBL Session 2	
15:10 - 15:50	Pathology of ovary and fallopian tubes	Handan ZEREN
16:00 - 16:40	Pathology of ovary and fallopian tubes	Handan ZEREN
16:50 - 17:30	Study Time for PBL 2	

20.03.2020 FRIDAY		
08:30 - 09:10	Study Time for PBL 2	
09:20 - 10:00	Study Time for PBL 2	
10:10 - 10:50	Androgens and anti-androgens	Emel BALOĞLU
11:00 - 11:40	CMPS/ H&S: Health systems and policy-2	Yeşim YASİN
11:50 - 12:30	CMPS/ H&S: Health systems and policy-2	Yeşim YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Pathology of vulva, vagina and cervix	Handan ZEREN
14:20 - 15:00	Pathology of vulva, vagina and cervix	Handan ZEREN
15:10 - 15:50	Study Time for PBL 2	Study Time for PBL 2
16:00 - 16:40	Study Time for PBL 2	Study Time for PBL 2
16:50 - 17:30	Study Time	

23.03.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

24.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Estrogens, progestins and contraceptives, postmenap. hormon ther.	Filiz ONAT
10:10 - 10:50	Estrogens, progestins and contraceptives, postmenap. hormon ther.	Filiz ONAT
11:00 - 11:40	Family planning and contraception: counselling and informed choice	Pınar TOPSEVER
11:50 - 12:30	Sexual health in special grups	Pınar TOPSEVER
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Radiological anatomy & algorythm of the urogenital & reproduc. sys.	Aylin ALTAN KUŞ
14:20 - 15:00	Radiological anatomy & algorythm of the urogenital & reproduc. sys.	Aylin ALTAN KUŞ
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

25.03.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Sexually transmitted and other genital infections	Sibel GÜNDEŞ
11:50 - 12:30	Sexually transmitted and other genital infections	Sibel GÜNDEŞ
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

26.03.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	PBL Session 3	
14:20 - 15:00	PBL Session 3	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.03.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	CMPS/ H&S: Health care system in Turkey	ÖZSARI, AKTULAY, YASİN
11:50 - 12:30	CMPS/ H&S: Health care system in Turkey	ÖZSARI, AKTULAY, YASİN
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.03.2020 MONDAY		
08:30 - 09:10	CMPS/ H&S: Training in PC	
09:20 - 10:00	CMPS/ H&S: Training in PC	
10:10 - 10:50	CMPS/ H&S: Training in PC	
11:00 - 11:40	CMPS/ H&S: Training in PC	
11:50 - 12:30	CMPS/ H&S: Training in PC	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	CMPS/ H&S: Training in PC	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

31.03.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	CMPS/H&S: Student reflection session	YASIN, TOPSEVER,DEMİR
10:10 - 10:50	CMPS/H&S: Student reflection session	YASIN, TOPSEVER,DEMİR
11:00 - 11:40	CMPS/H&S: Student reflection session	YASIN, TOPSEVER,DEMİR
11:50 - 12:30	CMPS/H&S: Student reflection session	YASIN, TOPSEVER,DEMİR
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

02.04.2020 THURSDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

03.04.2020 FRIDAY (MED 312 THEORETICAL EXAMINATION II 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	MED 312 PRACTICAL EXAM II	
14:20 - 15:00	MED 312 PRACTICAL EXAM II	
15:10 - 15:50	MED 312 PRACTICAL EXAM II	
16:00 - 16:40	MED 312 PRACTICAL EXAM II	
16:50 - 17:30	Study Time	

06.04.2020 MONDAY (MED 323 CMPS THEORETICAL EXAMINATION 17:30-19:30)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

08.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

09.04.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

10.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

13.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

14.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

15.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

16.04.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

17.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

20.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

21.04.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

22.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

23.04.2020 THURSDAY		
08:30 - 09:10	National Sovereignty and Children's Day	
09:20 - 10:00	National Sovereignty and Children's Day	
10:10 - 10:50	National Sovereignty and Children's Day	
11:00 - 11:40	National Sovereignty and Children's Day	
11:50 - 12:30	National Sovereignty and Children's Day	
12:30 - 13:30	National Sovereignty and Children's Day	
13:30 - 14:10	National Sovereignty and Children's Day	
14:20 - 15:00	National Sovereignty and Children's Day	
15:10 - 15:50	National Sovereignty and Children's Day	
16:00 - 16:40	National Sovereignty and Children's Day	
16:50 - 17:30	National Sovereignty and Children's Day	

24.04.2020 FRIDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

27.04.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

28.04.2020 TUESDAY (BSC FINAL EXAMINATION)		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

29.04.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

30.04.2020 THURSDAY (CMPS FINAL EXAMINATION)		
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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

01.05.2020 FRIDAY		
08:30 - 09:10	Labor and Solidarity Day	
09:20 - 10:00	Labor and Solidarity Day	
10:10 - 10:50	Labor and Solidarity Day	
11:00 - 11:40	Labor and Solidarity Day	
11:50 - 12:30	Labor and Solidarity Day	
12:30 - 13:30	Labor and Solidarity Day	
13:30 - 14:10	Labor and Solidarity Day	
14:20 - 15:00	Labor and Solidarity Day	
15:10 - 15:50	Labor and Solidarity Day	
16:00 - 16:40	Labor and Solidarity Day	
16:50 - 17:30	Labor and Solidarity Day	

04.05.2020 MONDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

05.05.2020 TUESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Study Time	
14:20 - 15:00	Study Time	
15:10 - 15:50	Study Time	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

06.05.2020 WEDNESDAY		
08:30 - 09:10	Study Time	
09:20 - 10:00	Study Time	
10:10 - 10:50	Study Time	
11:00 - 11:40	Study Time	
11:50 - 12:30	Study Time	
12:30 - 13:30	Lunch Time	
13:30 - 14:10	Electives in Medicine	
14:20 - 15:00	Electives in Medicine	
15:10 - 15:50	Electives in Medicine	
16:00 - 16:40	Study Time	
16:50 - 17:30	Study Time	

07.05.2020 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	Academic Enrichment Session	
12:30 - 13:30	Lunch Time	
13:30 - 17:30	Introduction to MED 330 Transition to Clinical Clerkship (TCC)	Detailed Programme to be Announced

08.05.2020 FRIDAY-05.06.2020 FRIDAY		
08:30 - 09:10	MED 330 Transition to Clinical Clerkship (TCC)	Detailed Programme to be Announced
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
11:50 - 12:30		
12:30 - 13:30		
13:30 - 14:10		
14:20 - 15:00		
15:10 - 15:50		
16:00 - 16:40		
16:50 - 17:30		



4

YEAR 4 CLERKSHIPS

CODE	CLERKSHIP	DEPARTMENTS	Duration (Weeks)	Theoretical Hours				Practical Hours				Instructional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS	
				Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice	Sub Total						
MED 401	Internal Medicine	Internal Medicine Pulmonary Diseases Infectious Diseases	10	111	2	113		7			267	274	387	24	411	17	16
MED 402	Surgery	General Surgery Anesthesiology Thoracic Surgery Plastic surgery	8	96	29	125				18	144	162	287	66	353	14	13
MED 403	Pediatrics and Pediatric Surgery	Pediatrics Pediatric Surgery	10	90	130	220		0		42	40	82	302	167	469	17	15
MED 404	Obstetrics and Gynecology	Obstetrics and Gynecology	6	65	5	70				9	173	182	252	9	261	10	10
MED 405	Cardiovascular Medicine	Cardiology Cardiovascular Surgery	4	52		52					98	98	150	20	170	7	6
TOTAL			38	414	166	580	7		69	722	798	1378	286	1664	65	60	

SCLA: Student Centered Learning Activities (Problem-Based Learning (PBL), Team Based learning (TBL), Case Based Learning (CBL), Flipped Classroom, Workshops.)
 Field Study: Site visits, Studies in the community, Working in primary care.
 Lab Study: Practices in Basic Science and Computer Labs.
 Simulated Clinical Practice: Practices in clinical skills labs. (CASE)
 Clinical Practice: Bed side, Outpatient clinic, Operation room.
 Study Time: Self Directed Learning, Preparation.



Clerkship Name	Internal Medicine	MED 401
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year IV / 10 weeks

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

Clerkship Chair	
Gül BAŞARAN <i>M.D., Prof. Medical Oncology</i> gul.basaran@acibadem.edu.tr	Leyla ÖZER <i>M.D., Assoc. Prof. Medical Oncology</i> leyla.kilic@acibadem.edu.tr

Faculty		
Gastroenterology		Endocrinology
Nurdan TÖZÜN <i>M.D., Prof.</i>	Ahmet KARAMAN <i>M.D., Prof.</i>	Rüştü SERTER <i>M.D., Prof.</i>
Murat SARUÇ <i>M.D., Prof.</i>	Fatih Oğuz ÖNDER <i>M.D., Prof..</i>	Ender ARIKAN <i>M.D., Prof.</i>
Bahattin ÇİÇEK <i>M.D., Prof.</i>	Suna YAPALI <i>M.D., Assoc. Prof.</i>	Duygu YAZGAN AKSOY <i>M.D., Prof.</i>
Nesliar Eser KUTSAL <i>M.D., Prof.</i>	Hakan ÜNAL <i>M.D., Assoc. Prof.</i>	Neslihan KURTULMUŞ <i>M.D., Prof.</i>
Arzu TİFTİKÇİ <i>M.D., Prof.</i>	Nurten TÜRKEL KÜÇÜKMETİN <i>M.D., Assoc. Prof.</i>	Özlem ÇELİK* <i>M.D., Assoc. Prof.</i>
Bülent DEĞERTEKİN <i>M.D., Prof.</i>	Gürhan ŞİŞMAN <i>M.D., Assoc. Prof.</i>	Oğuz Kaan ÜNAL <i>M.D., Assoc. Prof.</i>
Cem AYGÜN <i>M.D., Prof.</i>	Can GÖNEN <i>M.D., Assoc. Prof.</i>	Özlem Sezgin MERİÇLİLER* <i>M.D., Assist. Prof.</i>
Şafak KIZILTAŞ <i>M.D., Prof.</i>	Özdal ERSOY <i>M.D., Assist. Prof.</i>	Müjdat KARA <i>M.D., Assist. Prof.</i>

Medical Oncology

Gül BAŞARAN
M.D., Prof.

Aziz YAZAR
M.D., Prof.

Özlem ER
M.D., Prof.

Gökhan DEMİR
M.D., Prof.

Başak OYAN ULUÇ
M.D., Prof.

Taner KORKMAZ
M.D., Prof.

Özlem SÖNMEZ
M.D., Assoc. Prof.

Leyla ÖZER
M.D., Assoc. Prof.

İbrahim YILDIZ
M.D., Assoc. Prof.

Çiğdem Usul AFŞAR
M.D., Assoc. Prof.

Rheumatology

Mehmet KARARSLAN
M.D., Assist. Prof.

Melike KALFA ERSOY
M.D., Instructor

Geriatrics

Berrin KARADAĞ*
M.D., Prof.

Hematology

Siret RATİP
M.D., Prof.

Ercüment OVALI*
M.D., Prof.

Ant UZAY
M.D., Assist. Prof.

Nephrology

Ülkem ÇAKIR
M.D., Prof.

Sevgi ŞAHİN
M.D., Prof.

Borçak Çağlar RUHİ
M.D., Assoc. Prof.

Infectious Diseases

Sesin KOCAGÖZ
M.D., Prof.

Sibel GÜNDEŞ
M.D., Prof.

Serap GENÇER
M.D., Prof.

Hülya KUŞOĞLU
M.D., Assist. Prof.

Pulmonary Diseases

Çağlar ÇUHADAROĞLU
M.D., Prof.

Öner DİKENSÖY
M.D., Prof.

Ceyda EREL KIRIŞOĞLU
M.D., Prof.

Reha BARAN
M.D., Prof.

Pejman GOLABI
M.D., Instructor

Pelin UYSAL
M.D., Assoc. Prof.

Internal Medicine

Yıldız OKUTURLAR
M.D., Assoc. Prof.

Educational Methods	<i>Theoretical lectures and Practical Courses, Bedside education, Discussions, Ward Rounds, Case presentations, Seminars.</i>
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Clerkship Aims

Internal Medicine (IM) education program is an integrated program involving all disciplines within the framework of the internal medicine department in cooperation with closely related clinical disciplines including pulmonary medicine and infectious diseases. Students will be able to practically apply what they have learned in the theoretical lectures formatted either in the form of lectures or case discussions.

The Internal Medicine Program is a 10-week rotation during the fourth year. Both theoretical and practical courses will be held mainly in Atakent Acıbadem Hospital. The program includes 2-3 days of theoretical lessons followed by 4-6 days of practical sessions. Practical sessions include morning rounds, bed sides and case presentations under the supervision of the attending physicians. In the practical sessions, the students will be guided by a responsible consultant who is going to provide each student with the opportunity to learn basic principles of internal medicine, not only through direct patient contact, but also by observing and interacting with faculty and house staff. Practical sessions include morning rounds, bed sides and case presentations. Bedside education as an integral part of 4th year Internal Medicine Education Program, representing a synthesis of proper history taking, physical examination, differential diagnosis, clinical reasoning together with effective patient communication skills.

The main goal of the Internal Medicine Program is to develop a comprehensive process of incorporating history, physical examination, and results from various tests to arrive at a logical differential diagnosis. The student should be able to outline specific studies to prove or disprove the diagnosis and in general fashion, to describe an appropriate treatment plan. Internal Medicine Program does not encompass all aspects of internal medicine nor is it designed to recruit or develop internists. It is designed to provide the basic skills necessary to produce well-trained junior medical students.

The major aims of this program are:

1. To improve the student's ability to obtain a history, perform a physical examination, and then present these findings in a logical and concise manner.
2. To develop a problem-oriented method of patient evaluation.
3. To recognize the risks/benefits of medical interventions.
4. To become familiar with humanistic and ethical considerations involved in patient care.
5. To develop conduct and behaviour appropriate for a medical professional.
6. To develop and encourage a medical curiosity which will stimulate the student to continue a life-long system of self-education.
7. To develop an evidence-based approach to medical management
8. To encourage and motivate students for clinical and basic research.

General information

The first week of the IM program is dedicated to history taking and physical examination. The rest of the program is divided into 5-6 day periods, each representing either an IM subspecialty activity or other relevant department activities such as Infectious Diseases and Pulmonary Medicine. The first 2-3 days of each period covers theoretical lessons and the remaining 3-4 days are practical sessions. Practical sessions usually start with morning rounds and/or case discussion meetings followed by bedside teaching. Thereafter, the students follow

their consultant's program (outpatient clinic, endoscopy, tumour boards, pathology joint meeting etc.) in their daily outpatient practice. Theoretical lessons include case discussions and lectures. Theoretical and practical sessions will be held in Atakent and Maslak Acibadem Hospitals.

Responsibilities of the students

The responsibilities of the students during internal medicine clerkship are as follows:

1-Students are expected to participate in all theoretical and practical sessions.

2-There will be a mid-term exam towards the end of the IM program. The students **should prepare a patient record (dossier) during this exam. They will be asked to take the history of a patient and do the physical examination at the patient's bedside with the consultant.**

This record will be evaluated and scored by the consultant. Each student will be assigned to a consultant and that list will be announced at the beginning of the IM program. Attendance to mid-term exam and submission of patient record is mandatory before written/oral examination, it also forms ten percent of the final score. A formal document for preparing patient record will be provided to students at the start of IM program.

3-Students are expected to actively participate to case discussions.

4-Dress Code: It is mandatory for you to wear a white coat and hold a name tag. During Internal Medicine Clerkship, we expect male students to wear a shirt and a neck tie with trousers and the female students to dress appropriate to hospital environment with comfortable shoes suitable for long hours standing. Students should always have their stethoscope with them in bedside education.

5-Attendance Policy: Students are expected to participate in every assignment indicated on their schedule. Absences may result in being compelled to repeat all or a portion of the outpatient component of the clerkship. (For further details please consult the Regulations for Education and Examination at the website)

If for some reasons, you are not able to come to any of the practical or theoretical sessions, please inform **Dr Leyla Özer (Medical Oncology/Atakent Hospital)** before the beginning of the session and ask to be excused. Unexcused absences will have to be made up.

Evaluations

A written and a bedside oral examination are scheduled at the last two days of the each 10-week IM program. The final score will be the sum of oral & written examination and the mid-term exam. **Ninety percent** of the final score will come from the mean of the written and oral examination and **ten percent** of the final score will be calculated as the mean of the mid-term exam.

Both examinations (written and oral) will cover topics listed as "learning outcomes" within this Manuel. A sample of "History taking& Physical Examination" form will be provided in the first week of clerkship. Oral examination will assess your performance on history taking, physical examination and it will be accompanied with questions covering the topics you have learnt during this clerkship. Regarding to oral questions, you will have a separate sheet of oral examination questions/topics which will form the base of structured oral examination.

Depending on the calendar, there will be one day of study time before examinations. You will also have a consultant list who are going to be responsible for the practical sessions.

There are some recommended Internal Medicine text books which will help you to understand basic principles of IM throughout your clerkship period. A variety of high quality textbooks are available to you. The most commonly used ones are listed below. You are free to select one or two of them. Also, text- books are available here at the hospital library.

After the exam, your score will be announced only after you fill in and e-mail the clerkship evaluation form and deliver it to Dr Leyla Özer (Medical Oncology/Atakent Hospital) or Mrs. Leyla Karahan Hiz (leyla.karahan.hiz@acibadem.com) or Ms. Eda Arslan (eda.arslan@acibadem.com).

References:

- ✓ *Bates' Guide to Physical Examination and History Taking*
- ✓ *Cecil Textbook of Medicine*
- ✓ *Harrison's Principles of Internal Medicine,*
- ✓ *Kumar' Internal Medicine*

Accommodation:

We encourage you to give us a list of your e-mail addresses and cell phone numbers for access in case of any change in schedule. You can also use the Student Portal established on the Acibadem University website to receive updated information.

Lunch will be served at the hospital employee cafeteria.

Parking information will be provided by hospital management.

In all Acibadem Hospitals, if you encounter any problem related to IM clerkship, you can contact medical director's secretary (contact information will be provided by the university).

*Welcome to Internal Medicine clerkship and we look forward to providing you with a satisfying **and pleasant** learning experience.*

Assessment Methods*	<i>Theoretical and Practical Subject Committee Exams, Homework, Presentations, Discussions, Skills, Performance-Based Assessment.</i>
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* Percentages of the assessment methods will be announced by the Department.

LEARNING OUTCOMES OF INTERNAL MEDICINE CLERKSHIP

1. Pulmonary diseases

- a. **To address the symptoms of respiratory disease commonly encountered by the pulmonologist (cough, dyspnea, hemoptys, cyanosis)**
- b. To review the physiology, pathophysiology, differential diagnosis, pathogenesis, diagnosis and treatment of pulmonary edema, hypoxia, polycythemia.
- c. **Understand methods available for the evaluation of patients with pulmonary diseases (x-ray, radionuclide scans, pulmonary function test, blood gas analysis)**
- d. Be familiar with the common drugs used in the management of pulmonary diseases.
- e. Know the diagnosis and management of the following clinical problems:
 - ✓ Chronic obstructive pulmonary disease
 - ✓ Asthma, acute and chronic
 - ✓ Common pulmonary infections (pneumonia, bronchiolitis, tuberculosis, empyema, upper airway infections, bronchiectasis etc.)
 - ✓ Interstitial lung disease (Sarcoidosis, Goodpasture's Syndrome, etc.)
 - ✓ Pulmonary neoplasm's (lung cancer, mesothelioma)
 - ✓ Pleural disease (Pleurisy, pneumothorax)
 - ✓ Pulmonary vascular disease (Pulmonary hypertension, pulmonary embolism)

2. Nephrology

- a. Recognition of the clinical symptomatology and management of common renal diseases, e.g., acute glomerulonephritis, nephrotic syndrome, acute and chronic renal failure based on the pathophysiology of the disease process.
- b. **Understanding the significance and physiologic principles of laboratory tests employed in the assessment of renal function.**
- c. Understanding the normal physiology of fluid, electrolyte and acid base balance. Diagnosis and management of common electrolyte and acid base disorders.
- d. **Understanding the immunologic mechanisms of renal disease. In-depth study of renal biopsy and correlation of renal histology with clinical renal diseases.**
- e. Insight into the metabolic and endocrine functions of the kidneys and metabolic consequences of renal failure.
- f. **Instructions pertaining to the diagnosis and management of various forms of hypertension, including renin-angiotensin aldosterone system.**
- g. Diagnosis and management of acute and chronic medical problems in patients with renal disease and renal failure.
- h. **Evaluation of the end-stage renal disease patients and choosing the optimal renal replacement treatment modality (dialysis versus transplantation).**

3. Infectious Diseases

A. Approach to a patient with fever

- a. Take relevant history and perform focused clinical examination in a patient with fever.
- b. Formulate a differential diagnosis for patients with fever.
- c. Describe a clinical and laboratory approach to a patient with fever.
- d. Recognize and define systemic inflammatory response syndrome, sepsis and septic shock.
- e. Evaluate and make a differential diagnosis for patients with fever of unknown origin.
- f. Develop management plans for the patient with fever.

B. Approach to infectious diarrhea

- a. Take appropriate history of a patient having diarrhea and make a differential diagnosis of infectious and non-infectious diarrhea.
- b. Define the appropriate laboratory and procedural evaluation of a patient with diarrhea
- c. Be aware of symptomatic treatment and manage antibiotherapy regimens for diarrhea.

C. Health care associated infections:

- a. Make definitions of specific health care associated infections.
- b. Demonstrate knowledge of the burden of health care associated infections.
- c. Evaluate the appropriate control mechanisms in preventing health care associated infections.
- d. Recognize the components of successful hand hygiene and be aware of its importance in the prevention of health care associated infections.

D. Approach to infectious diseases' emergencies:

- a. Demonstrate knowledge of acute bacterial meningitis.
- b. Demonstrate knowledge of febrile neutropenia
- c. Demonstrate knowledge of acute epiglottitis.
- d. Demonstrate knowledge of necrotizing skin and soft tissue infections.
- e. Describe rapid actions in emergency cases and manage empirical therapy.

E. Approach to genitourinary tract infections:

- a. Identify the clinical presentation of urinary tract infections in various patient populations
- b. Describe laboratory tests used to diagnose urinary tract infections.
- c. Develop a management plan for urinary tract infections and recognize the importance of antibiotic resistance.
- d. Demonstrate knowledge of sexually transmitted diseases causing urinary tract symptoms.

F. Therapeutic approach to AIDS and related opportunistic infections.

- a. Define the relationship of infection and different types of immunosuppression states.
- b. Explain the natural history of the HIV infection and pathogenesis of opportunistic pathogens.
- c. Define AIDS related conditions.
- d. Describe basic laboratory tests used for the diagnosis of HIV infection.

G. Rational use of antibiotics

- a. Evaluate appropriateness of antibiotic drug therapy based on clinical presentation and accompanying clinical data.
- b. Evaluate appropriate antibiotic drug selection, administration and be aware of the principles of age related, hepatic and renal impairment conditions.
- c. Demonstrate awareness of antimicrobial resistance problems during treatment of infections.

4. Gastroenterology

- a. To carry out the initial history and physical examination and plan the diagnostic work-up for the more common gastrointestinal disorders
- b. To know how to use laboratory tests and imaging modalities in the most appropriate and cost-effective way.
- c. To approach patients with GI emergencies, give them primary care and know when and how to refer them to tertiary centres.
- d. To make differential diagnosis from symptom to clinical evaluation of common GI disorders presenting with dysphagia, abdominal pain, diarrhea, vomiting, coma etc...
- e. To understand the major symptomatology of esophageal motility disorders, to know about their pathophysiology and diagnostic work up, to recognize gastroesophageal reflux disease and its complications, to know the therapeutic options for GI motility disorders including gastroesophageal reflux disease.
- f. To know how to approach patients with acute and chronic GI bleeding, to make differential diagnosis of diseases causing upper and lower GI bleeding and diagnostic tests pertinent to the conditions, the drugs for GI bleeding.
- g. To know the definition of dyspepsia; to identify functional dyspepsia, to know how to evaluate a patient with dyspepsia and peptic ulcer disease,
- h. To know diseases causing acute and chronic diarrhea, to make differential diagnosis of diarrhea, to know how to evaluate and manage a patient with acute or chronic diarrhea.
- i. To understand the burden and prevalence of most common causes of constipation, to learn the differentiation of organic and functional causes of constipation, to understand the diagnostic tests for constipation to learn the treatment approaches for functional constipation, to learn and be aware of the possibility of different treatment options for organic causes of constipation.
- j. To know how to approach a patient with jaundice, to make differential diagnosis and to use lab tests / imaging studies for its diagnosis
- k. To know how to approach a patient with ascites, to differentiate portal hypertensive from malignant ascites or other causes of ascites. To know how to manage a patient with ascites.
- l. To make the differential diagnosis of elevated aminotransferases, cholestatic enzymes, bilirubin levels and to know how to distinguish liver pathologies according to the laboratory tests.
- m. To define irritable bowel syndrome (IBS), describe how to manage the patients with IBS and know when and how to use drugs in this setting.
- n. To understand the pathogenesis of the inflammatory bowel diseases (IBD), to classify IBD, to know about the symptoms, physical findings, diagnosis and treatment of the Ulcerative colitis and Crohn's disease
- o. To know the complications of the liver cirrhosis, to manage complications of liver cirrhosis in primary care level.
- p. To understand the importance of acute and chronic viral hepatitis, to name and classify the hepatitis, to describe the epidemiology, risk groups, transmission routes, symptoms, physical findings, diagnosis, complications and treatment of the viral hepatitis. To know prevention measures and vaccination against viral hepatitis infection
- q. To know how to approach to patients with acute liver failure, to define and make differential diagnosis of conditions causing acute and acute on chronic liver failure, to know how to evaluate a patient with acute liver failure, to know when and how to refer a patient with acute liver failure to a transplantation centre, to know about drugs used in acute liver failure,

- r. To be familiar with presentation and features of gallstone disease and its complications, to know about the methods for diagnosis and treatment of pancreatobiliary disorders
- s. To understand obesity related gastrointestinal problems and approach to their management
- t. To know about alcohol induced liver and pancreatic diseases, their prevention and treatment
- u. To outline disease burden in gastrointestinal cancers, to know about their prevention, nutritional aspects of carcinogenesis and approach to patients with common GI cancers
- v. To give patients dietary recommendations for a healthy life, prevention from chronic debilitating diseases and maintain their health with the medical condition they suffer from.

5. Hematology

- a. Take a history from a haematology patient
- b. Determine pathological findings in the examination of the haematology patient
- c. Construct a differential diagnosis following history taking and physical examination
- d. Ask for the necessary laboratory tests to clarify the differential diagnosis
- e. Comment on the haematological laboratory tests
- f. Define the basic histological, physiological, biochemical and genetic properties involved in haematological processes
- g. Describe the pathology which occurs when these normal processes are disturbed
- h. Explain the clinical and laboratory features of common blood disorders including haematological malignancies, anaemias, clotting disorders and transfusion problems and their management

6. Medical Oncology

- a. Be familiar with cancer as a global health problem worldwide
- b. Describe reasons for development of cancer: genetic/ environmental/viral
- c. Know most frequent and worst prognostic cancers in men and women
- d. Define risk factors for development of cancer
- e. Know preventive measures for common cancers
- f. Understand/describe behavioral changes needed to prevent cancer
- g. Know recommended cancer screening for normal risk people
- h. Know therapeutic interventions for cancer prevention
- i. Know aims of cancer treatment: curative, palliative
- j. Know how cancer therapy works, main therapeutic modalities: CT, RT and biologic therapies
- k. Make differential diagnosis and know treatment of oncologic emergencies
- l. Know principles of pain management in cancer patients
- m. Know early and late side effects of cancer therapy
- n. Know how to communicate with cancer patients: compassionate caring, sharing bad news
- o. Know risk factors, screening, diagnostic procedures, staging and treatment of Breast Cancer
- p. Know risk factors, screening, diagnostic procedures, staging and treatment of Lung Cancer
- q. Know risk factors, screening, diagnostic procedures, staging and treatment of Colorectal Cancer
- r. Know risk factors, screening, diagnostic procedures, staging and treatment of Prostate Cancer

7. Rheumatology

- a. Obtain proficiency in performing a comprehensive musculoskeletal system exam.
- b. Develop a reasonable differential diagnosis for both monoarticular and polyarticular presentations of arthritis.
- c. Develop a reasonable differential diagnosis for connective disease and vasculitis conditions
- d. Be familiar with clinical presentation of some common rheumatic diseases such as rheumatoid arthritis, spondylarthrosis (including psoriatic arthritis, reactive arthritis, ankylosing spondylarthritis), and uncommon ones such as Familial Mediterranean Fever, Bechet's Disease
- e. Be familiar with and proficient in the use of an expanded history of present illness and review of systems pertinent to musculoskeletal and rheumatic disorders
- f. Understand the usefulness and limitations of immunologic testing
- g. Understand indications for arthrocentesis and the interpretation of synovial fluid result.
- h. Acquire an understanding of the use of oral, parenteral and intra-articular corticosteroids, non-steroidal anti-inflammatory agents, immunosuppressive and biologic agents in rheumatic diseases.
- i. Recognize indications for use and major untoward effects of drugs and the monitoring for drug toxicity.
- j. Participate in patient education.

8. Endocrinology

A. ADRENAL DISEASES

- a. To be aware of adrenal related disorders
- b. To know in which cases to suspect, and recognise the symptoms of primary hyperaldosteronism, Cushing's syndrome, pheochromocytoma, congenital adrenal hyperplasia, adrenal insufficiency and adrenal carcinoma
- c. To know the outlines of diagnosing these diseases and making differential diagnosis.
- d. To know how to approach to primary hyperaldosteronism, Cushing's syndrome, pheochromocytoma, adrenal insufficiency and adrenal incidentaloma

B. PITUITARY DISEASES

- a. To be aware of pituitary related disorders
- b. To know in which cases to suspect, and recognise the symptoms of pituitary adenomas, Hyperprolactinemia/Prolactinoma, Acromegaly/Gigantism, Cushing's Disease, Hypopituitarism, Diabetes Insipidus, SIADH
- c. To know the outlines of diagnosing these diseases and making differential diagnosis
- d. To know how to approach to pituitary adenomas, Hyperprolactinemia/Prolactinoma, Acromegaly/Gigantism, Cushing's Disease, Hypopituitarism, Diabetes Insipidus, SIADH

C. THYROID DISEASES

- a. To be aware of thyroid related disorders
- b. To know in which cases to suspect, and recognise the symptoms of thyroid nodules, hypothyroidism, hyperthyroidism, autoimmune thyroid diseases, and thyroid carcinomas.
- c. To know the outlines of diagnosing these diseases and making differential diagnosis
- d. To know how to approach to thyroid gland disorders.

D. ENDOCRINE EMERGENCIES

- a. To be aware of endocrine system related emergencies.
- b. To know when to suspect thyroid storm, mixedema coma, hypercalcemia, hypocalcemia, pituitary apoplexia, diabetic ketoacidosis and other diabetic emergencies
- c. To know the outlines of diagnosing these diseases and making differential diagnosis
- d. To know how to approach to endocrine emergencies.



Clerkship Name	Surgery	MED 402
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year IV / 8 weeks

Theoretical Hours	125	Credit 14	ECTS 13
Practical Hours	162		
Study Hours	66		
TOTAL (Student Workload)	353		

Clerkship Chair		
Bilgi BACA M.D., Prof. General Surgery bilgi.baca@acibadem.edu.tr		
Sub Coordinator		
Erdal OKUR M.D., Prof. Thoracic Surgery	Tayfun GÜLER M.D., Prof. Anesthesiology and Reanimation	Berkhan YILMAZ M.D., Assist. Prof. Plastic, Reconstructive & Aesthetic Surgery
Faculty		
Cihan URAS M.D., Prof. General Surgery	Fevzi TORAMAN M.D., Prof. Anesthesiology	Hakan AĞIR M.D., Prof. Aesthetic, Plastic and Reconstructive Surgery
Tayfun KARAHASANOĞLU M.D., Prof. General Surgery	Özcan ERDEMLİ M.D., Prof. Anesthesiology	Emine Çiğdem KARADAĞ M.D., Assist. Prof. Aesthetic, Plastic and Reconstructive Surgery
İsmail HAMZAOĞLU M.D., Prof. General Surgery	Tayfun GÜLER M.D., Prof. Anesthesiology	Berkhan YILMAZ M.D., Assist. Prof. Aesthetic, Plastic and Reconstructive Surgery
Bilgi BACA M.D., Prof. General Surgery	Meltem AÇIL M.D., Assist. Prof. Anesthesiology	Altuğ ALTINKAYA M.D., Instructor Aesthetic, Plastic and Reconstructive Surgery
İbrahim BERBER M.D., Prof. General Surgery	Serpil USTALAR M.D., Assist. Prof. Anesthesiology	Semih HALEZEROĞLU M.D., Prof. Thoracic Surgery
Remzi EMİROĞLU M.D., Prof. General Surgery	Meltem GÜNER CAN M.D., Assoc. Prof. Anesthesiology	Erdal OKUR M.D., Prof. Thoracic Surgery
Can ATALAY M.D., Assoc. Prof. General Surgery	Banu VURAL GÖKAY M.D., Instructor Anesthesiology	Ahmet DEMİRKAYA M.D., Assoc. Prof. Thoracic Surgery
Erman AYTAÇ M.D., Assoc. Prof. General Surgery	Özgen ILGAZ KOÇYİĞİT M.D., Instructor Anesthesiology	Gökhan ERGENE M.D., Assist. Prof. Thoracic Surgery
Ercüment GÜRLÜLER M.D., Assoc. Prof. General Surgery	Aslıhan Sanem ÖZATA M.D., Instructor Anesthesiology	
Fatih Levent BALCI M.D., Assist. Prof. General Surgery	Müzeyyen İYİGÜN M.D., Instructor Anesthesiology	
Volkan ÖZBEN M.D., Instructor General Surgery		

Educational Methods	<p>General Surgery Lectures Bed-Side Training Case Presentation and Discussion Out-Patient Clinics Operating Room</p> <p>Thoracic Surgery Lectures Interactive case discussion Practice in operation and ward Video section</p> <p>Anesthesiology and Reanimation Lectures Small group studies: Interactive learning session in operating rooms Interactive learning session in intensive care unit</p> <p>Plastic, Reconstructive& Aesthetic Surgery Lectures Interactive learning session. Practice in operation and delivery room</p>
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Clerkship Aims
<p>General Surgery 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. During the course, the students will have opportunities to join out- and in- patient care with medical teachers and other health professionals.</p> <p>Thoracic Surgery This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of general thoracic surgical pathologies.</p> <p>Anesthesiology and Reanimation This course aims to provide basic knowledge about:</p> <ul style="list-style-type: none"> ● the general anesthesia, regional anesthesia, and local anesthesia, ● basic and advanced monitoring of the patient during anesthesia and ICU, ● analysis of arterial blood gases, ● pain and analgesics, ● basic and advanced cardiopulmonary resuscitation, <p>oxygen therapy and mechanical ventilation.</p> <p>Plastic, Reconstructive& Aesthetic Surgery This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of burns, wound healing, traumas, congenital disorders related to plastic & reconstructive surgery, maxillofacial traumas, aesthetic surgery, breast reconstruction, basic reconstructive surgical methods. . Students will be able to join the surgeries, 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>

Clerkship Outcomes

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

General Surgery

- be familiar to the anatomy of surgical sites
- describe the symptoms and physical findings of patients with surgical disease, ,
- analyze the signs and symptoms in a patient
- outline the principles of managing surgical patients (acute abdomen, hemodynamic instability, hemorogie, etc)

- differentiate between benign and malignant/ acute and chronic/ emergent and elective surgical disease.

Thoracic Surgery

- learn basic principles of chest tube insertion
- management of chest trauma patient.
- differantiate main thoracic surgical pathologies and know their treatment.
- define radiological findings of main thoracic surgical pathologies.

Anesthesiology and Reanimation

- describe basically the administration and the stages of general anesthesia and to list the general anesthetics,
- describe the regional anesthesia administration
- describe the local anesthesia mechanisms and to list local anesthetics
- list the basic and advanced monitoring techniques used for anesthetic and intensive care of patients
- analysis of arterial blood gases and acid-base status
- describe the algorithms of basic and advanced cardiopulmonary resuscitation in adults.
- describe the anatomy and physiology of pain, to list the types and characteristics of pain and define the basic principles of pain management.
- describe the basic principles of oxygen therapy and mechanical ventilation.

Plastic, Reconstructive& Aesthetic Surgery

- define the basic approach to burn and frostbite injuries
- learn wound healing principles
- define the approach to evaluation of craniofacial disorders, cleft lip & palate,
- learn the basic breast reconstruction methods
- learn the basic approach to hand and lower extremity injuries
- learn the basic approach to maxillofacial traumas
- learn the treatment of malignant melanoma and nonmelanoma skin tumors

Assessment Methods

General Surgery
Structured Oral Exam
Written Exam
Mini Clinical Evaluation Exercise

Thoracic Surgery
Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course,
Clinical performance assessment (50% of final points)
Written final exam (Multiple choice questions, contributes to 50 % of final points)

Anesthesiology and Reanimation
Written final exam (Multiple choice questions, contributes to 50 % of final points)
Attending to the lectures (Contributes to 30 % of final points.)
Attending to the small group teaching in the operating room (Contributes to 10 % of final points.)
Attending to the small group teaching in the intensive care unit (Contributes to 10 % of final points.)

Plastic, Reconstructive& Aesthetic Surgery
Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course,
Clinical assessment (By history taking and discussion of relevant cases. Contributes to 30 % of final points.)
Structured oral exam (contributes to 70 % of final points)



Clerkship Name	Pediatrics & Pediatric Surgery	MED 403
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year IV / 10 weeks

Theoretical Hours	220	Credit 17	ECTS 15
Practical Hours	82		
Study Hours	167		
TOTAL (Student Workload)	469		

Clerkship Chairs

Ayşe Korkmaz TOYGAR
M.D., Prof. Pediatrics
ayse.korkmaz@acibadem.edu.tr

Serdar BEKEN
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Faculty

Serap SEMİZ
M.D., Prof. Chief of Pediatrics

Ayşe KORKMAZ TOYGAR
M.D., Prof. Pediatrics

Saygın ABALI
M.D., Assist. Prof. Pediatrics

Latif ABBASOĞLU
M.D., Prof. Pediatric Surgery

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

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

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

Arzu AKÇAY
M.D., Assoc. Prof. Pediatrics

Selma AKTAŞ
M.D., Assist. Prof. Pediatrics

Gülbin BİNGÖL
M.D., Prof. Pediatrics

Didem ATAY
M.D., Assoc. Prof. Pediatrics

Müjde ARAPOĞLU
M.D., Assist. Prof. Pediatrics

Cengiz CANPOLAT
M.D., Prof. Pediatrics

Serdar BEKEN
M.D., Assoc. Prof. Pediatrics

Ertuğrul ERYILMAZ
M.D., Assist. Prof. Pediatrics

Agop ÇITAK
M.D., Prof. Pediatrics

Günseli BOZDOĞAN
M.D., Assoc. Prof. Pediatrics

Enver Mahir GÜLCAN
M.D., Assist. Prof. Pediatrics

Vildan ERTEKİN
M.D., Prof. Pediatrics

Muazzez ÇEVİK
M.D., Prof. Pediatric Surgery

Tarkan İKİZOĞLU
M.D., Assist. Prof. Pediatrics

Uğur IŞIK
M.D., Assoc. Prof. Pediatrics

Elif DAĞLI
M.D. Prof. Pediatrics

Ebru KAZANCI
M.D., Assist. Prof. Pediatrics

Ender ÖDEMiŞ
M.D., Prof. Pediatrics

Atalay DEMİREL
M.D., Assoc. Prof. Pediatrics

Özlem ATAN ŞAHİN
M.D., Assist. Prof. Pediatrics

Metehan ÖZEN
M.D., Prof. Pediatrics

M. Fatih ERBEY
M.D., Assoc. Prof. Pediatrics

Gülyüz ÖZTÜRK
M.D., Prof. Pediatrics

Selda KARAAVVAZ
M.D., Assoc. Prof. Pediatrics

Sare Güntülü ŞİK
M.D., Assist. Prof. Pediatrics

Arda SAYGILI
M.D., Prof. Pediatrics

Hasan KILIÇDAĞ
M.D., Assoc. Prof. Pediatrics

Affiliated faculty:

Burak TANDER
M.D., Prof. Pediatric Surgery

Educational Methods	Lectures Problem based learning sessions Clinical practice in ward rounds, delivery room and intensive care units. Practice in CASE One week observer ship in a secondary state hospital's pediatrics ward (Haydarpaşa Training and Education Hospital)
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Clerkship Aims

This course aims to provide basic knowledge about the etiology, pathophysiology, clinical symptoms and signs, differential diagnosis and treatment of child diseases and preventive measures. Students will be able to interpret laboratory results, findings of radiological examinations and perform several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'pediatric patients' rights and privacy.

Clerkship Outcomes

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

Learn pediatric history taking and make systematic physical examination.

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

Assessment Methods	<ul style="list-style-type: none"> ✓ Written Final Exam (multiple choice and open-ended questions) ✓ Structured Oral Exam ✓ Problem-Based Learning Assessment ✓ History Taking and Physical Examination Assessment ✓ CASE Performance Assessment <p><i>Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course</i></p>
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Clerkship Name	Obstetrics and Gynecology	MED 404
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year IV / 6 weeks

Theoretical Hours	70	Credit 10	ECTS 10
Practical Hours	182		
Study Hours	9		
TOTAL (Student Workload)	261		

Clerkship Chairs

A. Cem BATUKAN <i>M.D., Prof. Obstetrics and Gynecology</i> cem.batukan@acibadem.com	Talat Umut KUTLU DILEK <i>M.D., Prof. Obstetrics and Gynecology</i> talat.dilek@acibadem.com
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Faculty

Mete GÜNGÖR <i>M.D., Prof.</i>	Serkan ERKANLI <i>M.D., Prof.</i>	Derya EROĞLU <i>M.D., Prof.</i>
Bülent TIRAŞ <i>M.D., Prof.</i>	Suat DEDE <i>M.D., Prof.</i>	M. Faruk KÖSE <i>M.D., Prof.</i>
Tayfun BAĞIŞ <i>M.D., Prof.</i>	Hüsnü GÖRGEN <i>M.D., Prof.</i>	M. Murat Naki <i>M.D., Prof.</i>
Özlem PATA <i>M.D., Prof.</i>	Cihat ÜNLÜ* <i>M.D., Prof.</i>	Ahmet Nuri DANIŞMAN <i>M.D., Prof.</i>
İbrahim BİLDİRİCİ <i>M.D., Prof.</i>		Ercan Baştu <i>M.D., Prof.</i>
Talat Umut Kutlu DİLEK <i>M.D., Prof.</i>		Belgin SELAM <i>M.D., Assoc. Prof.</i>
Cem BATUKAN <i>M.D., Prof.</i>		Özgüç TAKMAZ <i>M.D., Assist. Prof.</i>
		Esra ÖZBAŞLI <i>M.D., Instructor</i>

Educational Methods	Lectures Interactive learning session. Literature review and presentations. Practice in operation and delivery room. Practice in CASE
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of male and female genital diseases and preventive measures. Students will be able to interpret laboratory results, findings of radiological examinations and perform several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

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

Diagnose pregnancy, take antenatal care of pregnant woman, identify high risk pregnancies, can refer appropriate patients to specialized tertiary centers and define obstetric emergencies

1. Perform basic obstetric examination.
2. Define conditions for and describe stages of normal vaginal birth and summarize normal labor management.
3. Describe indications for operative vaginal delivery and cesarean section.
4. List common complications of labor and delivery and summarize their basic management principles
5. Perform basic gynecological examination, define physical findings.
6. Take cervicovaginal PAP smear and obtain vaginal swap for microbiological evaluation.
7. Describe common gynecological pathologies and summarize their treatment options.
8. Describe symptoms and physical findings of common gynecological cancers, define screening protocols of gynecological cancers amenable to screening and refer these patients to appropriate centers.
9. Define diagnostic criteria of infertility, describe the basic evaluation of infertile couples and explain the principles of their management.
10. Define common contraceptive methods, describe their advantage and disadvantage and counsel couples regarding the most appropriate method of contraception.
11. Describe symptoms and physical findings of common benign gynecological diseases and define their clinical management.
12. Describe urinary incontinence, define basic principles of physical examination of patients with urinary incontinence and summarize their management.
13. Define perimenopausal changes and summarize the management of common conditions of these patients.

Assessment Methods	Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course, Clinical assessment (By, history taking, homework and discussion, of relevant cases. Contributes to 10 % of final points.) Written final exam (Multiple choice questions, contributes to 50 % of final points) Structured oral exam (contributes to 40 % of final points)
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Clerkship Name	Cardiovascular Medicine	MED 405
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year IV / 4weeks

Theoretical Hours	52	Credit 7	ECTS 6
Practical Hours	98		
Study Hours	20		
TOTAL (Student Workload)	170		

Clerkship Chairs

Ersin EREK
M.D., Prof. Cardiovascular Surgery
ersin.erek@acibadem.edu.tr

Aleks DEĞİRMENCİOĞLU
M.D., Assoc. Prof. Cardiology
aleks.degirmencioglu@acibadem.edu.tr

Faculty

Cardiology

Şevket GÖRGÜLÜ
M.D., Prof.

Tansu KARAAHMET
M.D., Prof.

N. Tuğrul NORGAZ
M.D., Prof.

Sinan DAĞDELEN
M.D., Prof.

Ahmet AKYOL
M.D., Prof.

Duhan Fatih BAYRAK
M.D., Prof.

Mustafa Kemal BATUR
M.D., Prof.

Ahmet KARABULUT
M.D., Prof.

Elif EROĞLU BÜYÜKÖNER
M.D., Prof.

Aleks DEĞİRMENCİOĞLU
M.D., Assoc. Prof.

Alper ÖZKAN
M.D., Assoc. Prof.

Gültekin KARAKUŞ
M.D., Assoc. Prof.

Ertuğrul ZENCİRCİ
M.D., Assoc. Prof.

Selçuk GÖRMEZ
M.D., Assist. Prof.

M. Ertuğrul MERCAN
M.D., Instructor

Cardiovascular Surgery

Ersin EREK
M.D., Prof.

Hasan KARABULUT
M.D., Prof.

Cem ALHAN
M.D., Prof.

Tayyar SARIOĞLU
M.D., Prof.

Şahin ŞENAY
M.D., Prof.

Ahmet Ümit GÜLLÜ
M.D., Assoc. Prof.

Mert DUMANTEPE
M.D., Assoc. Prof.

Cem ARITÜRK
M.D., Assoc. Prof.

Selim AYDIN
M.D., Assist. Prof.

Bahar TEMUR
M.D., Assist. Prof.

Ahmet ARNAZ
M.D., Assist. Prof.

Educational Methods

Theoretical lectures and practical courses, bedside education, discussions, ward rounds, case presentations, practice in operation rooms, practice in ward and outpatient clinics, practice in coronary and cardiovascular surgery intensive care unit

Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of cardiovascular diseases. Students will be able to interpret laboratory results, findings of radiological examinations and observe several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

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

Cardiology

A. Know the examination of cardiovascular system

B.1. Define acute coronary syndromes, 2- Describe how to manage the acute coronary care patients, 3- Know how to use the drugs in the acute coronary syndromes.

C.1. Define chronic ischemic heart diseases 2- Describe how to manage chronic stable angina, 3- Know risk factors and prevention of chronic ischemic heart diseases.

D. 1- Approach patient with a chest pain 2. Diagnose cardiovascular emergency, 3- Treat the patient with cardiovascular emergency.

E.1. Know the diagnosis and classification of the hypertension (primary/secondary) and options of therapy for each stage. 2. Define the complications (end-organ damage) of the hypertension

F. 1. Define basic mechanisms of cardiac arrhythmias and diagnose basic arrhythmias, 2- Classify the antiarrhythmic drugs according to their action, 3- Define the nonpharmacological treatment options in basic arrhythmias and know the indication of use of these methods 4- Know the medical (acute and chronic treatment) and possible catheter based treatment of basic cardiac arrhythmias,

G. 1. Environment/genetic predisposition of the hypercoagulation status 2- how to manage the acute pulmonary embolism and deep venous thrombosis 3- prophylaxis of high risk patient for thrombotic events

H. 1. Definition of the pulmonary hypertension 2. Definition of the right heart failure 3. Know the causes of pulmonary hypertension and right heart failure 4. Therapy of the pulmonary hypertension and right heart failure

I.1. Define the pathophysiology, diagnosis, severity, prognosis, treatment options and prevention of valvular pathologies (including rheumatic fever and infective endocarditis)

J.1. Describe the cause of pericardial disease 2. Know the types of pericardial disease, clinical features, the necessary laboratory testing and therapeutic approach.

K.1. Diagnose the patient with a cardiac mass 2- Describe how to approach such a patient

L.1. Define genetic and secondary causes of hyperlipidemia, 2- Define risk stratification of hyperlipidemic patients, 3- Describe drugs that affect lipid metabolism, 4- Describe non-pharmacological lipid lowering therapy, 5- Know when and how to use lipid lowering drugs

M.1. Diagnosis of the frequent cardiomyopathies 2- Long term treatment options 3- Prevention of the sudden death

N. Know cardiovascular problems in pregnancy

O. Know relationship of endocrine diseases and diabetes with cardiovascular problems

Cardiovascular Surgery

A. Know anatomy of the cardiac structures and major vessels, structures of the heart valves, cardiac conduction system, coronary artery anatomy. Define physiological terms like cardiac output, preload, afterload, stroke volume, central venous pressure.

B. Define the functional effects of antiagregans, anticoagulants, catecholamins and positive inotropic/cronotropic agents, nitric oxide, vasodilators, diuretics, beta blockers and antihypertensive drugs.

C. List common complications after cardiac operations. Describe and become aware of symptoms and physical findings postoperative complications (myocardial infarction, aortic dissection, aortic rupture, cardiac tamponade, low cardiac output syndrome, heart failure and pulmonary embolism).

D. Describe common peripheral venous and arterial pathologies like deep vein thrombosis and arterial embolism and summarize their treatment options.

E. Know to analysis of blood gas parameters, be aware of hypoxemia and cyanosis.

F. Define symptoms and physical findings of basic congenital heart diseases and timing for intervention and surgery.

G. Know cardiopulmonary bypass circuit and how it is used for open heart surgery.

H. Review diseases of aorta and great vessel and learn management of patients with the diagnosis of various acute and chronic aortic diseases.

I. Know basic approach to vascular and cardiac trauma.

Assessment Methods	Theoretical and Practical Subject Committee Exams -Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course, -Written final exam (Multiple choice questions, contributes to 60 % of final points) -Structured oral exam (contributes to 40 % of final points)
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SURGERY		
Title	Faculty Member	Department
Arterial Blood Gases	Serpil Ustalar Özgen/Halim Ulugöl	Anesthesiology and Reanimation
Monitoring (Hemodynamic, respiratory)	Meltem Güner Can/Fevzi Toraman	Anesthesiology and Reanimation
CPR (Basic and advanced)	Tayfun Güler/Meltem Güner Can	Anesthesiology and Reanimation
General anesthesia (Theories, management, anesthetic drugs)	Muharrem Koçyiğit/Emre Sahillioğlu	Anesthesiology and Reanimation
Local anesthesia (Mechanism of action, local anesthetics, complications)	Özcan Erdemli/Emre Sahillioğlu	Anesthesiology and Reanimation
Regional anesthesia and peripheral nerve blocks	Emre Sahillioğlu/Özgen Koçyiğit	Anesthesiology and Reanimation
Pain and Analgesics	Tayfun Güler/Sanem Özata	Anesthesiology and Reanimation
Oxygen Therapy	Özcan Erdemli/Sanem Özata	Anesthesiology and Reanimation
Mechanical Ventilation	Özcan Erdemli/Müzeyyen İyigün	Anesthesiology and Reanimation
Practice		Anesthesiology and Reanimation
Video Session; Chest tube insertion	Gökhan Ergene	Thoracic Surgery
Practical session- Underwater seal systems	Gökhan Ergene	Thoracic Surgery
Videothoracoscopic Procedures	Gökhan Ergene	Thoracic Surgery
Thoracic Surgery Interventions	Erdal Okur	Thoracic Surgery
Surgical Disease of Pleura	Erdal Okur	Thoracic Surgery
Tracheobronchial Surgery	Erdal Okur	Thoracic Surgery
Chest wall diseases	Ahmet Demirkaya	Thoracic Surgery
Pneumothorax	Ahmet Demirkaya	Thoracic Surgery
Thoracic Trauma	Ahmet Demirkaya	Thoracic Surgery
Lung Neoplasms 1	Semih Halezeroğlu	Thoracic Surgery
Lung Neoplasms 2	Semih Halezeroğlu	Thoracic Surgery
Radiological case discussions	Gökhan Ergene	Thoracic Surgery
Inflammatory Lung Disease in Thoracic Surgery	Erdal Okur	Thoracic Surgery
Mediastinal tumours and cysts	Erdal Okur	Thoracic Surgery
OPERATING ROOM		Thoracic Surgery
Breast Cancer 1	Cihan Uras	General Surgery
Breast Cancer 2	Cihan Uras	General Surgery
Benign Breast Diseases I (Fibrocystic Changes and Benign Tumors)	Onur Dülgeroğlu	General Surgery
Benign Breast Diseases II (Fibrocystic Changes and Benign Tumors)	Onur Dülgeroğlu	General Surgery
Systemic Response to Injury 1	Tonguç Utku Yılmaz	General Surgery
Systemic Response to Injury 2	Tonguç Utku Yılmaz	General Surgery
Neoplasms of Pancreas (Endocrine and Exocrine)	Murat Gönenç	General Surgery
Benign Biliary Tract Diseases	Murat Gönenç	General Surgery
Malignant Tumors of Biliary System and Gallbladder	Murat Gönenç	General Surgery
Abdominal wall and Ventral hernia	Volkan Özben	General Surgery
Surgical Treatment of Peptic Ulcer and Its Complications	Volkan Özben	General Surgery
Acute Pancreatitis	Afağ Aghayeva	General Surgery
Chronic Pancreatitis	Afağ Aghayeva	General Surgery
Fluid and Electrolyte Management of Surgical Patient	Afağ Aghayeva	General Surgery
Peritonitis and Intraabdominal Abscess	Tonguç Utku Yılmaz	General Surgery
Gastric Cancer and precancerous lesions	Bilgi Baca	General Surgery
Colorectal cancer	Bilgi Baca	General Surgery
Surgical Infections	Emre Sivrikoz	General Surgery
Parathyroid disorders	Emre Sivrikoz	General Surgery
Intestinal Obstruction	Emre Sivrikoz	General Surgery
Groin Hernia and inguinal anatomy	Volkan Özben	General Surgery
Portal Hypertension and Liver Transplantation	Ali Özer	General Surgery
Malignant Liver Tumors	Ali Özer	General Surgery
Gallstone Disease and Management (Acute and Chronic Cholecystitis)	İbrahim Berber	General Surgery
Transplantation (kidney, pancreas, small bowel)	İbrahim Berber	General Surgery
Benign Anorectal Diseases 1	Abdullah Zorluoğlu	General Surgery
Benign Anorectal Diseases 2	Abdullah Zorluoğlu	General Surgery
Tumors of the Esophagus	Bilgi Baca	General Surgery
Gastroesophageal Reflux and Hiatal Hernia	Tamer Karşıdağ	General Surgery
Adrenal Gland Surgical Disorders	Tamer Karşıdağ	General Surgery
Benign Liver Diseases	Akif Enes Arıkan	General Surgery
Benign Esophageal Disorders	Akif Enes Arıkan	General Surgery
Shock 1	İsmail Ahmet Bilgin	General Surgery
Shock 2	İsmail Ahmet Bilgin	General Surgery

SURGERY		
Title	Faculty Member	Department
Gastrointestinal System Bleeding	İsmail Ahmet Bilgin	General Surgery
Acute Abdomen	Erman Aytaç	General Surgery
Diverticular Disease of the Colon	Erman Aytaç	General Surgery
Acute Appendicitis and Other Appendiceal Disorders	Erman Aytaç	General Surgery
Morbid Obesity	Erman Aytaç	General Surgery
Postoperative Complications	Halil Kara	General Surgery
Abdominal Injuries	Halil Kara	General Surgery
Malignant Thyroid Diseases	Halil Kara	General Surgery
Inflammatory Bowel Diseases 1	İsmail Hamzaoğlu	General Surgery
Inflammatory Bowel Diseases 2	İsmail Hamzaoğlu	General Surgery
Benign Thyroid Disorders and thyroid nodules 1	Akif Enes Arkan	General Surgery
Benign Thyroid Disorders and thyroid nodules 2	Akif Enes Arkan	General Surgery
Outpatient, Operating Room, Bed Side Teaching		General Surgery
CASE (Structured Surgical Training)		General Surgery
Introduction to Plastic Surgery	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Flaps vs Grafts	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Vascular anomalies	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Case discussion	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Breast reconstruction	Şükrü Yazar	Plastic, Reconstructive& Aesthetic Surgery
Case discussion	Şükrü Yazar	Plastic, Reconstructive& Aesthetic Surgery
Thermal, chemical and electrical injuries 1	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Thermal, chemical and electrical injuries 2	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Lymphedema	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Case discussion(Lymphedema)	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Maxillofacial examination	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Maxillofacial fractures	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Abdominoplasty & Postbariatric surgery	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Case discussion(Maxillofacial examination, Maxillofacial fractures, Abdominoplasty & Postbariatric surgery)	Çiğdem Karadağ	Plastic, Reconstructive& Aesthetic Surgery
Wound healing	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Venous ulcers	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Case discussion(Venous ulcers/Diabetic foot/Head and neck tumors /Extremity reconstruction)	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Diabetic foot	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Cleft Lip and Palate	Hakan Ağır	Plastic, Reconstructive& Aesthetic Surgery
Pressure sores	Hakan Ağır	Plastic, Reconstructive& Aesthetic Surgery
Facial paralysis	Hakan Ağır	Plastic, Reconstructive& Aesthetic Surgery
Case discussion(Cleft Lip and Palate,Pressure sores,Facial paralysis)	Hakan Ağır	Plastic, Reconstructive& Aesthetic Surgery
Cutaneous malignancies	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Malign Melanoma	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Congenital breast anomalies & Aesthetic Breast surgery	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Case discussion(Cutaneous malignancies, Malign Melanoma,Congenital breast anomalies & Aesthetic Breast surgery)	Berkhan Yilmaz	Plastic, Reconstructive& Aesthetic Surgery
Head and neck tumors	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Case discussion(Head and neck tumors)	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Extremity reconstruction	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Case discussion(Extremity reconstruction)	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
OR Maslak - Orientation	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Patient rounds	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery
Surgery Exposure	Altuğ Altinkaya	Plastic, Reconstructive& Aesthetic Surgery

INTERNAL MEDICINE		
Title	Faculty Member	Department
Introduction to IM	Gül Başaran	Internal Medicine
History Taking	Nurdan Tözün	Internal Medicine
Examination of the precordiim	Selçuk Görmez	Cardiology
Examination of pulse and BP	Ahmet Karabulut	Cardiology
Pulm symptoms&signs	Pejman Golabi / Ceyda Erel Kirişoğlu	Pulmonary Medicine
Examination of chest	Pejman Golabi / Ceyda Erel Kirişoğlu	Pulmonary Medicine
Examination of abdomen	Nurdan Tözün	Internal Medicine
GIS symptoms and signs	Murat Saruç	Internal Medicine
Examination of Extremities	Mehmet Karaarslan	Internal Medicine
Examination of Head and Neck	Siret Ratip	Internal Medicine
Approach to a pt with LAP	Siret Ratip	Internal Medicine
Review of history taking and physical examination	Gül Başaran	Internal Medicine
Dermatologic manifestations of systemic diseases	Dilek Bıyık Özkaya/ Yeliz Erdemoğlu	Dermatology
Neurologic examination	Erkan Acar	Neurology
Approach to a patient with hemoptysis	Pelin Uysal	Pulmonary Medicine
Approach to a patient with chest pain	Pelin Uysal	Pulmonary Medicine
Radiology of the chest	Pelin Uysal	Pulmonary Medicine
Evaluation of pulmonary functions	Çağlar Çuhadaroğlu/Pelin Uysal	Pulmonary Medicine
Tuberculosis	Çağlar Çuhadaroğlu	Pulmonary Medicine
Chronic obstructive pulmonary diseases	Çağlar Çuhadaroğlu	Pulmonary Medicine
Asthma	Reha Baran	Pulmonary Medicine
Pulmonary neoplasms	Reha Baran	Pulmonary Medicine
Management of pleural effusions	Öner Dikensoy	Pulmonary Medicine
Interstitial lung diseases	Öner Dikensoy	Pulmonary Medicine
Pneumonia	Öner Dikensoy	Pulmonary Medicine
Pulmonary Embolism	Öner Dikensoy	Pulmonary Medicine
Management of GERD, Esophagitis and Esophageal Motility Disorders	Arzu Tiftikçi	Internal Medicine
Approach toPatient with Diarrhea	Arzu Tiftikçi	Internal Medicine
Approach to the patient with Jaundice DISCUSSION	Nurten Türkel	Internal Medicine
Management of patients with cholestasis	Hakan Ünal	Internal Medicine
Approach to the Patient with Ascites	Nurdan Tözün	Internal Medicine
Approach to patients with abdominal pain	Gürhan Şişman	Internal Medicine
Approach to the patient with Diarrhea	Fatih Oğuz Önder	Internal Medicine
Approach to the patient with constipation and anorectal diseases	Özdal Ersoy	Internal Medicine
Management of inflammatory bowel diseases	Eser Kutsal	Internal Medicine
Drugs,alternative and complimentary medicine and the liver	Bülent Değertekin	Internal Medicine
NAFLD and Metabolic Syndrome	Şafak Kızıltaş	Internal Medicine
Microbiota and GI diseases	Şafak Kızıltaş	Internal Medicine
Upper and lower GI Bleeding	Bahattin Çiçek	Internal Medicine
Management of Acute and Chronic Pancreatitis	Bahattin Çiçek	Internal Medicine
Management of complications of liver cirrhosis	Murat Saruç	Internal Medicine
Management of irritable bowel syndrome	Cem Aygün	Internal Medicine
Acute liver failure	Suna Yapalı	Internal Medicine
Current management of viral hepatitis	Suna Yapalı	Internal Medicine
Management of dyspepsia and peptic ulcer disease	Ahmet Karabulut	Internal Medicine
Approach to the tumours of the biliary tract	Ahmet Karaman	Internal Medicine
Diabetes Mellitus: treatment, management of complications and follow -up	Ender Arıkan	Internal Medicine
Diabetes and pregnancy	Ender Arıkan	Internal Medicine
Case Discussion:DM	Ender Arıkan	Internal Medicine
Thyroid diseases	Özlem Çelik	Internal Medicine
Thyroid diseases: case discussion	Özlem Çelik	Internal Medicine
Approach to hirsutism	Özlem Çelik	Internal Medicine
Pituitary diseases	Rüştü Serter	Internal Medicine
Case discussion: Pituitary Diseases	Rüştü Serter	Internal Medicine
Adrenal diseases	Rüştü Serter	Internal Medicine

INTERNAL MEDICINE		
Title	Faculty Member	Department
Hyper/hypoparathyroidism/metabolic bone	Oğuz Kaan Ünal	Internal Medicine
Osteoporosis	Oğuz Kaan Ünal	Internal Medicine
Rationale Use of Antimicrobials	Sesin Kocagöz	Infectious Diseases
Infectious diseases emergencies	Sesin Kocagöz	Infectious Diseases
Infectious approach to a patient with fever	Sibel Gündeş	Infectious Diseases
Genitourinary infections	Sibel Gündeş	Infectious Diseases
Management of Upper Respiratory tract infections	Sesin Kocagöz	Infectious Diseases
Therapeutic approach to AIDS and related opportunistic disorders	Sesin Kocagöz	Infectious Diseases
Infectious diarrhea	Hülya Kuşoğlu	Infectious Diseases
Hospital infections	Hülya Kuşoğlu	Infectious Diseases
Management of fluid and electrolyte disorders	Borçak Çağlar Ruhi	Internal Medicine
Management of acid-base disorders	Borçak Çağlar Ruhi	Internal Medicine
Therapeutic modalities for glomerular and tubulointerstitial diseases	Sevgi Şahin	Internal Medicine
Treatment goals in diabetic and hypertensive nephropathy	Sevgi Şahin	Internal Medicine
Evaluation of acute kidney disease	Borçak Çağlar Ruhi	Internal Medicine
Complications of chronic kidney disease	Ülkem Çakır	Internal Medicine
Review of essential topics in Nephrology/Evidence based case study	Ülkem Çakır	Internal Medicine
Renal replacement therapies	Ülkem Çakır	Internal Medicine
Rheumatology Mimics	Mehmet Karaarslan	Internal Medicine
Rheumatoid Arthritis	Melike Ersoy	Internal Medicine
Spondyloarthropathies	Melike Ersoy	Internal Medicine
Connective Tissue Disease	Mehmet Karaarslan	Internal Medicine
Vasculitis	Mehmet Karaarslan	Internal Medicine
Behçet's Disease/FMF	Mehmet Karaarslan	Internal Medicine
Approach to a patient with anemia	Siret Ratip	Internal Medicine
Approach to a patient with bleeding disorder	Siret Ratip	Internal Medicine
Hypercoagulability and thrombosis	Siret Ratip	Internal Medicine
Indications and complications of blood transfusion	Ant Uzay	Internal Medicine
Hamatologic malignancies: Lymphomas	Ant Uzay	Internal Medicine
Hamatologic malignancies: Lekerias	Ant Uzay	Internal Medicine
Principles of Cancer Therapy	Gül Başaran	Internal Medicine
Breast Cancer: screening, diagnosis, risk factors, principles of therapy	Gül Başaran	Internal Medicine
Epidemiology and etiology of cancer	Başak Oyan Uluç	Internal Medicine
Lung cancer:screening, diagnosis, risk factors, principles of therapy	Aziz Yazar	Internal Medicine
Side effects of cancer therapy	Leyla Özer	Internal Medicine
Management of oncologic emergencies	Özlem Sönmez	Internal Medicine
Prostate cancer: screening, diagnosis, risk factors, principles of therapy	İbrahim Yıldız	Internal Medicine
Colorectal cancer: screening, diagnosis, risk factors, principles of therapy	Özlem Er	Internal Medicine
Cancer Prevention	Çiğdem Usul Afşar	Radiation Oncology
Essential of radiotherapy and radiation accidents	Fulya Ağaoğlu	Radiation Oncology
Role of radiotherapy in management of multimodal cancer care	Serap Yücel	Radiation Oncology
Acute and chronic side effects of radiotherapy	Zeynep Güral	Radiation Oncology
RADIATION ONCOLOGY (PRACTICE)		Radiation Oncology
Problems of Aging: Physiologic and laboratory changes	Berrin Karadağ	Internal Medicine
Management of chronic disease in elderly	Berrin Karadağ	Internal Medicine
GERIATRICS (A LIFE - PRACTICE)	Berrin Karadağ	Internal Medicine
Ethics Rounds	Yeşim Işıl Ülman	History of Medicine and Ethics
Morning Rounds		Internal Medicine Pulmonary Medicine Infectious Diseases
Bedside		Internal Medicine Pulmonary Medicine Infectious Diseases
Clinical Skills		Internal Medicine Pulmonary Medicine Infectious Diseases

OBSTETRICS & GYNECOLOGY		
Title	Faculty Member	Department
Clinical gynecologic anatomy	Belgin Selam	Obstetrics and Gynecology
Puberty and Adolescent Gynecology	Belgin Selam	Obstetrics and Gynecology
Sexually transmitted disease and genital infection	Belgin Selam	Obstetrics and Gynecology
Antenatal care and fetal wellbeing-1	İbrahim Bildirici	Obstetrics and Gynecology
Antenatal care and fetal wellbeing-2	İbrahim Bildirici	Obstetrics and Gynecology
Normal and abnormal labor-1	Ahmet Cem Batukan	Obstetrics and Gynecology
Normal and abnormal labor-2	Ahmet Cem Batukan	Obstetrics and Gynecology
Postdates, Intrauterine fetal death, perinatal mortality	Nuri Danişman	Obstetrics and Gynecology
Complications of the puerperium	Nuri Danişman	Obstetrics and Gynecology
Rhesus disease	Nuri Danişman	Obstetrics and Gynecology
Abortus & Recurrent pregnancy loss	Esra Özbaşı	Obstetrics and Gynecology
Genital organ prolapsus and genital fistula	Esra Özbaşı	Obstetrics and Gynecology
Female urinary incontinence	Esra Özbaşı	Obstetrics and Gynecology
Abnormalities of the placenta and amniotic fluid	Esra Özbaşı	Obstetrics and Gynecology
Infertility-1	Ercan Baştu	Obstetrics and Gynecology
Infertility-2	Ercan Baştu	Obstetrics and Gynecology
Premenstrual syndrome and dismenorea and pelvic pain	Ercan Baştu	Obstetrics and Gynecology
Pregnancy and hypertension-1	İbrahim Bildirici	Obstetrics and Gynecology
Pregnancy and hypertension-2	İbrahim Bildirici	Obstetrics and Gynecology
Perinatal infections	Derya Eroğlu	Obstetrics and Gynecology
Pregnancy and systemic diseases	Derya Eroğlu	Obstetrics and Gynecology
Diabetes complicating pregnancy	Derya Eroğlu	Obstetrics and Gynecology
Postpartum hemorrhage	Özgüç Takmaz	Obstetrics and Gynecology
Preterm labor and tocolysis	İbrahim Bildirici	Obstetrics and Gynecology
Amenorrhea-1	Bülent Tıraş	Obstetrics and Gynecology
Amenorrhea-2	Bülent Tıraş	Obstetrics and Gynecology
Myomas	Bülent Tıraş	Obstetrics and Gynecology
Antepartum hemorrhage	Ahmet Cem Batukan	Obstetrics and Gynecology
Hyperandrogenism and Polycystic ovary syndrome-1	Şayfun Bağış	Obstetrics and Gynecology
Hyperandrogenism and Polycystic ovary syndrome-2	Şayfun Bağış	Obstetrics and Gynecology
Menopause	Özgüç Takmaz	Obstetrics and Gynecology
Sexual Development Anomalies	Özgüç Takmaz	Obstetrics and Gynecology
Multifetal pregnancy	Talat Umut Kutlu Dilek	Obstetrics and Gynecology
Drug use in Pregnancy and Teratology	Talat Umut Kutlu Dilek	Obstetrics and Gynecology
Nonobstetrical emergencies during pregnancy	Talat Umut Kutlu Dilek	Obstetrics and Gynecology
Operative obstetrics 1	Talat Umut Kutlu Dilek	Obstetrics and Gynecology
Operative obstetrics and Labour Analgesia	Talat Umut Kutlu Dilek	Obstetrics and Gynecology
Abnormal presentation-1	Özlem Pata	Obstetrics and Gynecology
Abnormal presentation-2	Özlem Pata	Obstetrics and Gynecology
Intrapartum fetal evaluation and perinatal asphyxia	Özlem Pata	Obstetrics and Gynecology
Intrauterine growth retardation	Özlem Pata	Obstetrics and Gynecology
Premature rupture of membranes	Özlem Pata	Obstetrics and Gynecology
Nonepithelial ovarian tumors	M. Murat Naki	Obstetrics and Gynecology
Tumor markers and screening	M. Murat Naki	Obstetrics and Gynecology
Cytology and Colposcopy	M. Faruk Köse	Obstetrics and Gynecology
Benign and premalign lesions of the cervix	M. Faruk Köse	Obstetrics and Gynecology
Cervical cancer	M. Faruk Köse	Obstetrics and Gynecology
Ectopic pregnancy	Suat Dede	Obstetrics and Gynecology
Contraception-1	Suat Dede	Obstetrics and Gynecology
Contraception-2	Suat Dede	Obstetrics and Gynecology
Endometriosis	Cihat Ünlü	Obstetrics and Gynecology
Abnormal uterine bleeding	Serkan Erkanlı	Obstetrics and Gynecology
Precancerous lesions of the endometrium	Serkan Erkanlı	Obstetrics and Gynecology
Endometrial cancer and mesenchymal tumors of the uterus	Serkan Erkanlı	Obstetrics and Gynecology
Epithelial tumors of the ovary and tuba-1	Mete Güngör	Obstetrics and Gynecology
Epithelial tumors of the ovary and tuba-2	Mete Güngör	Obstetrics and Gynecology
Management of adnexial masses	Mete Güngör	Obstetrics and Gynecology
Benign, precancerous lesions and cancer of the vulva and vagina -1	Hüsnü Görgen	Obstetrics and Gynecology
Benign, precancerous lesions and cancer of the vulva and vagina -2	Hüsnü Görgen	Obstetrics and Gynecology
Gestational trophoblastic disease	Hüsnü Görgen	Obstetrics and Gynecology
Clinical practice		Obstetrics and Gynecology
Case (Jinekolojik - Gebe muayenesi, Doğumdaki temel hareketler, doğum, normal ve normal olmayan maketler üzerinde çalışma)		Obstetrics and Gynecology
Case Studies		Obstetrics and Gynecology

PEDIATRICS & PEDIATRIC SURGERY		
Title	Faculty Member	Department
Welcome to Pediatrics	Ayşe Korkmaz Toygar/Burcu Bulum	Pediatrics
Pediatric History Taking	Yasemin Alanay	Pediatrics
Examination of the Extremities	Yasemin Alanay	Pediatrics
Clinical Practice	Yasemin Alanay	Pediatrics
Examination of the Cardiovascular System	Arda Saygılı - Ayla Oktay	Pediatrics
Pediatric ECG	Arda Saygılı - Ayla Oktay	Pediatrics
Clinical Practice	Özlem Şahin - Ayla Oktay	Pediatrics
Examination of the Abdomen	Vildan Ertekin	Pediatrics
Clinical Practice	Vildan Ertekin	Pediatrics
Examination of Groin-Genital	Burak Tander	Pediatrics
Clinical Practice	Burak Tander	Pediatrics
Neurologic Examination	Uğur Işık	Pediatrics
Motor&Mental Development	Uğur Işık	Pediatrics
Clinical Practice	Uğur Işık	Pediatrics
Examination of Head & Neck	Özlem Şahin	Pediatrics
Examination of Thorax	Özlem Şahin	Pediatrics
Clinical Practice	Özlem Şahin	Pediatrics
Principles of Laboratory Evaluation	Özlem Şahin	Pediatrics
Pediatric Radiology	Can Çalışkan - Eşref Kızılkaya	Pediatrics
Clinical Practice	Arzu Akçay Burcu Akıncı Ebru Kazancı Mahir Gülcan	Pediatrics
EVIDENCE BASED MEDICINE-1	Özlem Şahin	Pediatrics
Clinical Practice	Atalay Demirel Didem Atay Fatma Demir Selma Aktaş	Pediatrics
Posttest	Burcu Bulum	Pediatrics
Pretest	Selda Karaayvaz	Pediatrics
Overview, Assessment of Variability	Selda Karaayvaz	Pediatrics
Nutrition in the First Year of Life	Selda Karaayvaz	Pediatrics
Immunisation	Selda Karaayvaz	Pediatrics
Workshop-1 (Immunisation)	Selda Karaayvaz	Pediatrics
Workshop-2 (Assesment of Growth)	Saygın Abalı	Pediatrics
Case Based Education (Growth Problems)	Saygın Abalı	Pediatrics
Case Based Education (Puberty)	Saygın Abalı	Pediatrics
Cased Based Education (Nutrition in Childhood and Related Disorders	Sibel Aka	Pediatrics
Rickets	Serap Semiz	Pediatrics
Obesity and Metabolic Syndrome	Serap Semiz	Pediatrics
Case Based Education (Adolescent)	Saygın Abalı	Pediatrics
Child and Adolescent Psychiatry	Ali Evren Tufan	Pediatrics
Ethics in Pediatrics	Yeşim Işıl Ülman	Pediatrics
PANEL 1 -Child Neglect & Abuse	Selda Karaayvaz Burak Tander Ali Evren Tufan Işıl Pakiç	Pediatrics
Follow Up of the Healthy Child Turkish Ministry of Health Guideline	Selda Karaayvaz	Pediatrics
Posttest	Selda Karaayvaz	Pediatrics
Pretest	Serdar Beken	Pediatrics
Physical Exa. of the Newborn	Ayşe Korkmaz Toygar	Pediatrics
Neonatal Emergencies	Ayşe Korkmaz Toygar	Pediatrics

Clinical Practice	Ayşe Korkmaz Toygar	Pediatrics
PBL 1-1 (Neonatology-Jaundice)	Serdar Beken - Selma Aktaş	Pediatrics
NICU/Nursery Visit	Ayşe Korkmaz Toygar-Serdar Beken	Pediatrics
Group 1-NICU/Nursery Visit	Ayşe Korkmaz Toygar-Serdar Beken	Pediatrics
High Risk Newborns	Atalay Demirel	Pediatrics
Case Based Education (Nursery Care)	Atalay Demirel	Pediatrics
Case Based Education (Postdischarge Care)	Ebru Kazancı	Pediatrics
NRP (CASE Center) Group 1	Hasan Kılıçdağ - Selma Aktaş	Pediatrics
NRP (CASE Center) Group 2	Hasan Kılıçdağ - Selma Aktaş	Pediatrics
NICU/Nursery Visit	Ayşe Korkmaz Toygar-Serdar Beken	Pediatrics
Group 2-NICU/Nursery Visit	Ayşe Korkmaz Toygar-Serdar Beken	Pediatrics
Case Based Education (Prematurity)	Ebru Kazancı	Pediatrics
Surgical Diseases of the Newborn	Burak Tander	Pediatrics Surgery
PBL 1-2 (Neonatology-Jaundice)	Serdar Beken - Selma Aktaş	Pediatrics
Neonatal Radiology	Ayşe Korkmaz Toygar	Pediatrics
Posttest	Serdar Beken	Pediatrics
Pretest	Güntülü Şık	Pediatrics
Pediatric Assessment Triangle	Agop Çıtak	Pediatrics
First Aid and Injury Prevention	Agop Çıtak	Pediatrics
PBL 2-1 (Pediatric Emergency)	Güntülü Şık -Tarkan ikizoğlu	Pediatrics
CPR (CASE Center)	Güntülü Şık -Tarkan ikizoğlu	Pediatrics
Workshop-3 (Fluid-Electrolyte Disorders)	Güntülü Şık	Pediatrics
PICU Visit	Güntülü Şık - Agop Çıtak	Pediatrics
Group 1-PICU Visit	Güntülü Şık - Agop Çıtak	Pediatrics
Seizures	Uğur Işık	Pediatrics
PANEL 2 (Pediatric Neurologic Emergencies)	Uğur Işık - Güntülü Şık	Pediatrics
Case Based Education (Toxicology)	Agop Çıtak	Pediatrics
PICU Visit	Güntülü Şık - Agop Çıtak	Pediatrics
Group 2-PICU Visit	Güntülü Şık - Agop Çıtak	Pediatrics
Case Based Education (Shock)	Güntülü Şık	Pediatrics
PBL 2-2 (Pediatric Emergency)	Güntülü Şık - Tarkan ikizoğlu	Pediatrics
Case Based Education (Acid Base Disorders)	Burcu Bulum	Pediatrics
Case Based Education (Metabolic Emergencies)	Saygın Abalı	Pediatrics
Posttest	Güntülü Şık	Pediatrics
Pretest	Muazzez Çevik	Pediatrics Surgery
Case Based Education (Inguinal Pathologies)	Muazzez Çevik	Pediatrics Surgery
PBL 3-1 (Pediatric Surgery)	Burak Tander - Muazzez Çevik	Pediatrics Surgery
Case Based Education (Acute Abdomen)	Muazzez Çevik	Pediatrics Surgery
PANEL 3 (Pediatric Tumors)	Cengiz Canpolat Burak Tander Fulya Ağaoğlu (Neurosurgery)	Pediatrics / Pediatrics Surgery
Clinical Practice (Pediatric Surgery)		Pediatrics Surgery
Approach to Important Pediatric Surgical Diseases-1	Latif Abbasoğlu	Pediatrics Surgery
Approach to Important Pediatric Surgical Diseases-2	Latif Abbasoğlu	Pediatrics Surgery
PBL 3-2 (Pediatric Surgery)	Burak Tander - Muazzez Çevik	Pediatrics Surgery
Posttest	Muazzez Çevik	Pediatrics Surgery
Pretest	Saygın Abalı	Pediatrics
Functional GIS Disorders	Vildan Ertekin	Pediatrics
Malabsorbtion	Vildan Ertekin	Pediatrics
Clinical Practice	Vildan Ertekin	Pediatrics
Approach to a Child with Fever	Metehan Özen	Pediatrics
Case Based Education (Upper and Lower Respiratory Tract Infections-CNS Infections-Acute Gastroenteritis)	Metehan Özen	Pediatrics
Approach to a Child with Vomiting	Mahir Gülcan	Pediatrics
Approach to Child with GIS Bleeding	Mahir Gülcan	Pediatrics
Liver and Biliary Diseases	Mahir Gülcan	Pediatrics

Approach to a Child with Cough	Elif Dađlı	Pediatrics
Cystic Fibrosis	Elif Dađlı	Pediatrics
Tuberculosis	Elif Dađlı	Pediatrics
Smoking	Elif Dađlı	Pediatrics
Case Based Education (Wheezy Child)	Günseli Bozdođan	Pediatrics
Approach to a Child with Eruption	Sibel Aka	Pediatrics
Case Based Education(Childhood Eruptions)	Sibel Aka	Pediatrics
EVIDENCE BASED MEDICINE-2 (Presentation of Groups)		Pediatrics
Posttest	Saygın Abalı	Pediatrics
Pretest	Burcu Bulum	Pediatrics
Approach to Proteinuria	Burcu Bulum	Pediatrics
Approach to Hematuria	Burcu Bulum	Pediatrics
Case Based Education (Renal Failure)	Burcu Bulum	Pediatrics
Enuresis	Burcu Bulum	Pediatrics
Periodic Fever Syndromes	Burcu Bulum	Pediatrics
Case Based Education (Hypertension)	Burcu Bulum	Pediatrics
PBL 4-1 (Hematology)	Fatma Demir - Burcu Akıncı	Pediatrics
Bleeding Disorders	Burcu Akıncı	Pediatrics
Workshop 4 (Group 1 - Hematology)	Didem Atay	Pediatrics
PANEL 4 (LAP)	Cengiz Canpolat - Metehan Özen	Pediatrics
Rational Drug Use	Metehan Özen	Pediatrics
Workshop 5 (Group 2 - Hematology)	Arzu Akçay	Pediatrics
PBL 4-2 (Hematology)	Fatma Demir - Burcu Akıncı	Pediatrics
Anaphylaxis	Gülbin Bingöl	Pediatrics
Food Allergy	Gülbin Bingöl	Pediatrics
Allergic Diseases of Skin	Gülbin Bingöl	Pediatrics
Posttest	Burcu Bulum	Pediatrics
Pretest	Saygın Abalı	Pediatrics
Congenital Hypothyroidism	Serap Semiz	Pediatrics
Thyroid Disorders in Children	Serap Semiz	Pediatrics
Case Based Education (Pediatric Endocrinology)	Saygın Abalı	Pediatrics
Pediatric Genetics	Yasemin Alanay	Pediatrics
Workshop 6 (Pediatric Genetics)	Yasemin Alanay	Pediatrics
Congestive Heart Failure	Ender Ödemiş	Pediatrics
Acute Rheumatic Fever	Ender Ödemiş	Pediatrics
Clinical Practice	Ender Ödemiş	Pediatrics
Approach to a Child with Congenital Heart Disease	Arda Saygılı	Pediatrics
Approach to Pediatric Chest Pain	Arda Saygılı - Ayla Oktay	Pediatrics
Clinical Practice	Arda Saygılı	Pediatrics
Clinical Practice	Mahir Gülcan	Pediatrics
Primary Immune Deficiencies	Günseli Bozdođan	Pediatrics
Rheumatic Diseases of Childhood	Burcu Bulum	Pediatrics
Inherited Metabolic Disorders	M. Ersoy Olbak	Pediatrics
Posttest	Saygın Abalı	Pediatrics
CASE Center (Group 1)	Feray Güven	Pediatrics
CASE Center (Group 2)	Feray Güven	Pediatrics
History Taking and Physical Examination Exam		Pediatrics
WRITTEN EXAMINATION(Pediatrics and Pediatric Surgery)		Pediatrics
ORAL EXAMINATION (Pediatric Surgery)		Pediatrics
ORAL EXAMINATION (Pediatrics)		Pediatrics

CARDIOVASCULAR MEDICINE		
Title	Faculty Member	Department
Informations for cardiovascular medicine clerkship program	Şahin Şenay / Aleks Değirmencioğlu	Cardiology and cardiovascular surgery
Examination of pulse and BP	Ahmet Karabulut	Cardiology
Examination of the precordium	Selçuk Görmez	Cardiology
Approach to a pt with chest pain	Selçuk Görmez	Cardiology
Basic anatomical and physiological concepts in cardiovascular surgery	Ahmet Arnaz	Cardiovascular Surgery
Cardiopulmonary bypass; basic properties and application areas	Ahmet Arnaz	Cardiovascular Surgery
Acute coronary syndromes	Sinan Dağdelen	Cardiology
Management of acute coronary syndromes	Sinan Dağdelen	Cardiology
Chronic ischemic heart diseases	Tuğrul Norgaz	Cardiology
Therapy of the chronic ischemic heart diseases	Tuğrul Norgaz	Cardiology
Basic concepts and technique of coronary bypass operation	Ümit Güllü	Cardiovascular Surgery
Indications and outcome of coronary bypass operation	Ümit Güllü	Cardiovascular Surgery
Minimal invasive and robotic cardiac surgery	Cem Alhan	Cardiovascular Surgery
Atrial arrhythmias	Ahmet Akyol	Cardiology
Ventricular arrhythmias	Ahmet Akyol	Cardiology
Bradycardias and electrical conduction abnormalities	Duhan Fatih Bayrak	Cardiology
Heart Failure: Clinical evaluation and diagnosis	Gültekin Karakuş	Cardiology
Management of acute and chronic heart failure	Gültekin Karakuş	Cardiology
Management of end stage heart failure: Heart transplantation, artificial heart and ventricular assist devices	Gültekin Karakuş	Cardiology
Diagnosis and therapy of cardiomyopathies	Tansu Karaahmet	Cardiology
Deep venous thrombosis and pulmonary embolism	Tansu Karaahmet	Cardiology
Pregnancy and heart disease	Ertuğrul Zencirci	Cardiology
Endocrine disorders, diabetes and cardiovascular disease	Ertuğrul Zencirci	Cardiology
Mitral valvular diseases and therapies	Aleks Değirmencioğlu	Cardiology
Aortic valvular diseases and therapies	Aleks Değirmencioğlu	Cardiology
Tricuspid and pulmonary valvular diseases and therapies	Alper Özkan	Cardiology
Diagnosis and therapy of infective endocarditis and rheumatic fever	Alper Özkan	Cardiology
Cardiac valvular procedures: Surgical technique	Cem Artürk	Cardiovascular Surgery
Toracic and abdominal aortic aneurysms and acute aortic syndromes	Şahin Şenay	Cardiovascular Surgery
Toracic and abdominal aortic surgery and endovascular therapies	Şahin Şenay	Cardiovascular Surgery
Peripheral arterial diseases	Selim Aydın	Cardiovascular Surgery
Management of peripheral arterial diseases: Surgical/interventional	Selim Aydın	Cardiovascular Surgery
Peripheral venous diseases	Mert Dumantepe	Cardiovascular Surgery
Management of peripheral venous diseases	Mert Dumantepe	Cardiovascular Surgery
Cardiovascular emergencies and first aid	Şevket Görgülü	Cardiology
Hypertension	Elif Eroğlu	Cardiology
Complications and therapy of hypertension	Elif Eroğlu	Cardiology
Diagnosis and therapy of pericardial disease and cardiac masses	Gültekin Karakuş	Cardiology
Management of lipoprotein disorders	Ertuğrul Mercan	Cardiology
Diagnosis and management of pulmonary hypertension and right heart failure	Ertuğrul Mercan	Cardiology
Basic concepts in congenital heart diseases	Ersin Ereğ	Cardiovascular Surgery
Common congenital heart defects and their treatments	Ersin Ereğ	Cardiovascular Surgery
Common congenital heart defects and their treatments	Ersin Ereğ	Cardiovascular Surgery
Early and late outcomes of common surgical procedures	Tayyar Sarıoğlu	Cardiovascular Surgery
Extracorporeal life support	Selim Aydın	Cardiovascular Surgery
Basic concepts in cardiovascular surgery intensive care unit	Bahar Temur	Cardiovascular Surgery
Basic approach to cardiac and vascular trauma	Bahar Temur	Cardiovascular Surgery
Clinical Practice		Cardiology and cardiovascular surgery



5

YEAR 5 CLERKSHIPS

CODE	CLERKSHIP	DEPARTMENTS	Duration (Weeks)	Theoretical Hours			Practical Hours				Instructio- tional Time	Study Time	TOTAL (Student workload)	National Credits	ECTS
				Lecture	SCLA	Sub Total	Lab study	Field study	Simulated Clinical Practice	Clinical Practice					
MED 501	Neurology	Neurology	4	44		44					50	22	116	7	6
MED 502	Neurosurgery	Neurosurgery	3	45	15	60					57	30	147	5	5
MED 503	Psychiatry	Psychiatry	3	34	7	41		45			45	33	119	5	5
MED 504	Otolaryngology, Head and Neck Surgery	Otolaryngology , Head and Neck Surgery	3	29		29					97	0	126	5	5
MED 505	Ophthalmology	Ophthalmology	2	19		19			4		57	10	86	4	3
MED 506	Dermatology	Dermatology	3	40	19	59					56	13	128	5	5
MED 507	Radiology	Radiology	2	35	1	36					47	1	84	4	3
MED 508	Orthopedics & PTR	Orthopedics Physical Therapy and Rehabilitation	5	19	2	21			15		152	0	188	8	8
MED 509	Forensic Medicine	Forensic Medicine	2	53	3	56					18	10	84	4	3
MED 511	Urology	Urology	3	22		22					101	0	123	5	5
	Elective Clerkship-1	All Departments	4								160		160	6	6
	Elective Clerkship-2	All Departments	4								160		160	6	6
TOTAL				340	47	387		45	19	631	1015	119	1521	64	60

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

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

Lab Study: Practices in Basic Science and Computer Labs.

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

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

Study Time: Self Directed Learning, Preparation.



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

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

Clerkship Chairs

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Elif ILGAZ AYDINLAR
M.D., Prof. Neurology

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Erkan ACAR
M.D., Assist. Prof. Neurology

Mustafa SEÇKİN
M.D., Assist. Prof. Neurology

Yavuz BEKMEZCİ
M.D., Instructor

Educational Methods	Lectures Interactive learning session Student lecture Practice in electrophysiology laboratory Practice in Emergency Room Practice in Intensive Care Unit
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Clerkship Aims
<p>This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of neurological diseases and preventive measures. Students will be able to perform neurological examinations, interpret laboratory results and discuss the radiological findings. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.</p>

Clerkship Outcomes
<p style="text-align: center;">By the end of this clerkship, the students will be able to:</p> <ol style="list-style-type: none"> 1. Describe anatomic localization of neurological lesion 2. Define etiological causes of neurological lesion 3. Perform neurological examination in awake and comatose patients. 4. Differentiate the structural and systemic causes of consciousness disorders according to the neurological examination findings. 5. Describe symptoms and physical findings of common neurological disorders, define screening protocols of them and refer these patients to appropriate centers. 6. Define neurological emergencies and learn how to do their management in primary center 7. Diagnose stroke, identify causes of cerebrovascular diseases, take care of acute stroke in emergency room, define cerebrovascular diseases emergencies and be able to refer appropriate patients to specialized tertiary centers 8. Diagnose headache, identify causes of headache, discriminate secondary headache causes from primary ones, define red flags in headache, learn how to do management of primary headache attacks in primary center 9. Diagnose convulsion, define type of epileptic seizure, identify causes of convulsion, learn how to do management of epileptic seizure and status epilepticus in emergency room 10. Describe symptoms and physical findings of peripheral nerve disorders, define screening protocols of them and refer these patients to appropriate centers. 11. Describe symptoms and physical findings of muscle disorders, define screening protocols of them and refer these patients to appropriate centers. 12. Describe symptoms and physical findings of extrapyramidal system disorders, define screening protocols of them and refer these patients to appropriate centers. 13. Describe symptoms and physical findings of sleep disorders, define screening protocols of them and refer these patients to appropriate centers. 14. Describe symptoms and physical findings of demyelinating disorders, define screening protocols of them and refer these patients to appropriate centers. 15. Describe symptoms and physical findings of dementia, define screening protocols of them and refer these patients to appropriate centers. 16. Diagnose CNS infection and refer these patients to appropriate centers.

Assessment Methods	Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course, Student Lecture (Contributes to 10 % of final points) Structured Oral Exam (Contributes to 40 % of final points) Written final exam (Multiple choice questions, contributes to 50 % of final points)
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Clerkship Name	Neurosurgery	MED 502
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 3 weeks

Theoretical Hours	60	Credit 5	ECTS 5
Practical Hours	57		
Study Hours	30		
TOTAL (Student Workload)	147		

Clerkship Chairs

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M.Imre USSELI
M.D., Instructor Neurosurgery

Selim AYHAN
M.D., Assist. Prof. Neurosurgery

Hamit AYTAR
M.D., Instructor Neurosurgery

Educational Methods	Described below in detail
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Clerkship Aims

To train medical students to become proficient in diagnosing and treating neurosurgical emergencies. The students shall also learn the general outline of neurosurgical pathologies, the diagnostic workup, differential diagnosis and treatment options.

Clerkship Outcomes

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

Students must learn:

1. History and physical on Neurosurgical patients
2. Neurological examination.
3. Basic neuroradiological examinations and diagnosis of diagnosis of neurosurgical emergencies.
4. Diagnosis and initial treatment/protection for neurosurgical emergencies and craniospinal trauma.
5. Students shall learn the general outline:
6. Diagnostic procedures in neurosurgical disease.
7. Common neurosurgical problems, their workup, differential diagnosis, treatment and outcome.

Assessment Methods	<ul style="list-style-type: none"> • Week 1: Practical clinics and lectures at Altunizade Hospital • Week 2: Practical clinics and lectures at Maslak Hospital • Week 3: Practical clinics and lectures at Altunizade Hospital • Mortality and Morbidity conference is held at Acibadem Altunizade Hospital every Saturday 08:00-09:00 and is compulsory. • The midterm exam is in the form of an oral presentation. • Form: • The presentation shall be prepared in the format of a scientific congress presentation. • The presentation is prepared as an electronic power-point presentation. • The duration is 10 minutes. • Presentation language is English. • Slide reading is discouraged • Content: • Presentation titles are assigned on the 1st day of the clerkship • The student is responsible of the content • Clinical case examples are encouraged • Presentation of novel literature is encouraged • Timing: • Presentation is done on Monday and Tuesday on the 3rd week: Midterm exam • A maximum of 20 points will be given based on content, proficiency, presentation, manner, language and fluidity. • Thursday on 3rd week is Study day (1 day). Students are not obligated to attend the clinic on the day. • Friday on 3rd week is exam-day. On the exam day all students will participate in the final written examination and the final oral examination. • Final written examination will be in the form of a multiple-choice examination. The student is responsible for all clerkship content. 30 points will be given for 30 questions. Examination starts at 07:00. The duration is 60 minutes. • Final oral committee examination starts at 08:30. The student is responsible for all clerkship content. 50 points will be given for at least 5 questions.
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Clerkship Name	Psychiatry	MED 503
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 3 weeks

Theoretical Hours	41	Credit 5	ECTS 5
Practical Hours	45		
Study Hours	33		
TOTAL (Student Workload)	119		

Clerkship Chairs

Ürün ÖZER
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Faculty

Burcu YAVUZ
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Ali Evren TUFAN
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Betül MAZLUM BAKKALOĞLU
M.D., Assoc. Prof.

Ürün ÖZER
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Arzu ÖNAL SÖNMEZ
M.D., Assist. Prof.

Educational Methods	Theoretical lectures Clinical Skills Training at Bakirkoy Mazhar Osman Training and Research Hospital for Psychiatry, Neurology and Neurosurgery Case presentations
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Clerkship Aims

The purpose of Psychiatry Clerkship, is to provide necessary knowledge about etiology, clinical symptoms and signs, management and treatment of psychiatric disorders. Skills about psychiatric examination (mental status examination) and history taking, approaching to emergent psychiatric patient, knowledge about the relationship of psychiatric disorders with other medical conditions and differential diagnosis are aimed to be taught.

Clerkship Outcomes

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

- Obtain a psychiatric history and perform psychiatric examination (mental status examination)
- Define psychiatric symptoms and signs
- Use psychiatric terminology
- Identify and classify psychopharmacologic drugs
- Define psychosis as a concept and diagnose schizophrenia and other psychotic disorders
- Treat a psychotic patient (in acute and follow-up periods)
- Diagnose bipolar disorder, make differential diagnosis and treat a patient in an acute manic episode
- Diagnose major depressive disorder, treat a patient in depressive episode
- Diagnose anxiety disorders, make differential diagnosis and treat a patient with anxiety disorder
- Diagnose obsessive compulsive spectrum disorders
- Diagnose substance use disorders and define intoxication and withdrawal
- Define somatoform and dissociative disorders and make differential diagnosis with other medical conditions
- Define psychosocial trauma and diagnose trauma related psychiatric disorders
- Describe eating disorders
- Define psychiatric emergencies and choose appropriate intervention
- Describe personality disorders
- Define and manage psychiatric disorders seen in perinatal period
- Define consultation liaison psychiatry and related disorders
- Define psychiatric disorders seen in childhood and adolescence and choose appropriate intervention
- Have an opinion about psychotherapies and psychologic tests

Assessment Methods	<p>≥20% absence requires repeating the course</p> <p>Attendance to the inpatient clinic of Bakirkoy Mazhar Osman Mental Health and Neurological Diseases Education and Research Hospital is compulsory</p> <p>Clinical assessment (By history taking and discussion of relevant cases. Contributes to 20% of final points)</p> <p>Written final exam (Multiple choice 40 questions, contributes to 40% of final points)</p> <p>Structured oral exam (4 questions, contributes to 40% of final points)</p>
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Clerkship Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
Week 1	ACU	ACU	ACU	ACU	ACU
Week 2	BRSHH	BRSHH	BRSHH	BRSHH	BRSHH
Week 3	ACU	ACU	ACU	ACU	ACU



Clerkship Name	Otolaryngology - Head And Neck Surgery	MED 504
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 3 weeks

Theoretical Hours	29	Credit 5	ECTS 5
Practical Hours	97		
Study Hours	0		
TOTAL (Student Workload)	126		

Clerkship Chairs

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Otolaryngology - Head And Neck Surgery

Educational Methods	Theoretical lectures, Practice in outpatient clinics and operating theatre
Clerkship Aims	
This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of otorhinolaryngological diseases	
Clerkship Outcomes	
<p style="text-align: center;">By the end of this clerkship, the students will be able to:</p> <ol style="list-style-type: none"> 1. be familiar to head and neck anatomy 2. perform basic otorhinolaryngological examination 3. describe the symptoms and physical findings of common otorhinolaryngological diseases 4. diagnose and treat the common upper airway infections and ear infections 5. recognize and define the upper airway emergencies 6. recognize the hearing loss and facial paralysis 7. define maxillofacial traumas 8. recognize and describe the symptoms and physical findings of common head and neck cancers 9. differentiate benign and malignant otorhinolaryngological diseases 	
Assessment Methods	Written examination (60 %) Oral examination (40 %)



Clerkship Name	Ophthalmology	MED 505
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 2 weeks

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

Clerkship Chairs

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A. Ebru KILAVUZOĞLU
M.D., Assoc Prof. Ophthalmology

Ahmet ÇOLAKOĞLU
M.D., Instructor Ophthalmology

Educational Methods	Theoretical lectures Interactive learning sessions CASE Practice in the examination room, operating room and laser room
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Clerkship Aims

This clerkship aims to provide knowledge about the anatomy of the eye, etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of ophthalmic diseases, eye tests and preventive measures.

Clerkship Outcomes

- By the end of this clerkship, the students will be able to:
1. Define anatomic structures of the eye and their functions
 2. Perform basic biomicroscopy and fundus examination
 3. Describe refractive errors and their treatment
 4. Diagnose eye lid disorders and nasolacrimal duct obstruction, summarize their treatment options and treat particular cases
 5. Make differential diagnosis of pink eye, and treat allergic and bacterial conjunctivitis
 6. Describe symptoms and signs of cataracts and summarize treatment options
 7. Describe symptoms and signs of glaucoma and summarize treatment options
 8. Describe symptoms and signs of ocular/orbital tumors and uveitis, and summarize their treatment options
 9. Describe symptoms and signs of retinal diseases, and summarize treatment options Diagnose strabismus and summarize treatment options
 10. Describe common neuro-ophthalmological pathologies and summarize their treatment options
 11. Diagnose penetrating eye trauma, define management of eye trauma
 12. Diagnose and perform the first line treatment of chemical injuries of the eye
 13. Perform visual field examination by confrontation
 14. List and define all advanced eye tests, and comment on particular eye tests
 15. Differentiate which patients are to be referred to tertiary centers for eye diseases

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

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

Clerkship Chairs

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Özgür TİMURKAYNAK
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Educational Methods	Lectures Interactive learning session. Practice in outpatient clinics.
Clerkship Aims	
<p>This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of dermatological diseases and preventive measures. Students will be able to interpret laboratory results, findings of dermatological examinations and perform several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.</p>	
Clerkship Outcomes	
<p style="text-align: center;">By the end of this clerkship, the students will be able to:</p> <ol style="list-style-type: none"> 1. Use the language of dermatology to effectively and accurately describe skin conditions and lesions. 2. Define common dermatological terms and primary/secondary skin lesions and recognize configuration of common skin lesions such as annular, dermatomal, linear etc. 3. To have focused history for dermatological conditions, demonstrate physical and dermatological examinations, and oral presentations suitable for the skin. 4. Outline a basic approach to the diagnosis and management of common skin conditions such as atopic dermatitis, psoriasis, and seborrheic dermatitis. 5. To differentiate and approach bacterial, viral, fungal and parasitic infections. 6. Apply the basic principles and practice of oral and topical dermatologic therapy including the appropriate use of emollients, topical steroids, antipruritic therapies, and systemic immunosuppressants 7. Correctly identify common skin tumors such as basal cell carcinoma, squamous cell carcinoma, and melanoma; outline basic management plans including the method of biopsy, appropriate surgical management, and patient follow up intervals. 8. Recognize potentially life-threatening skin diseases such as serious drug eruptions, toxic epidermal necrolysis, and autoimmune blistering disorders. 9. Successfully demonstrate essential dermatologic diagnostic procedures including KOH examination, scabies prep, and observe shave biopsy, and punch biopsy of the skin 	
Assessment Methods	<p>Failure to sign in will be interpreted as absence; $\geq 20\%$ absence requires repeating the course, General course assessment (Absence/attendance and active cooperation during course. Contributes to 20 % of final points.) Clinical assessment (Descriptions and discussion of relevant cases. Contributes to 20 % of final points.) Structured oral exam (contributes to 60 % of final points)</p>



Clerkship Name	Radiology - Nuclear Medicine	MED 507
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 2 weeks	

Theoretical Hours	36	Credit 4	ECTS 3
Practical Hours	47		
Study Hours	1		
TOTAL (Student Workload)	84		

Clerkship Chairs

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Cem Burak KALAYCI
Instructor

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M.D., Prof. Nuclear Medicine

Ahmet Levent GÜNER
M.D., Assist. Nuclear Medicine

Kemal ÜNAL
M.D., Assist. Nuclear Medicine

Educational Methods	Lectures Interactive learning session. Literature review and presentations. Practice in reporting room. Practice in CASE
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Clerkship Aims

This course aims to provide necessary knowledge about the sectional anatomy, main radiological findings, algorithms in the radiologic imaging, and differential diagnosis of the diseases. Also they will learn about radiology physics, side effects, contrast reactions and treatment, contraindications and important points at pregnancy and lactation. Students will be able to evaluate findings of radiological examinations such as X-ray, CT, MR and US. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Clerkship Outcomes

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

Learn about the whole sectional anatomy, main radiological findings, radiologic algorithms in diseases and emergency.

1. Learn about imaging findings of the diseases and differential diagnosis.
2. Learn about radiology physics, side effects.
3. Learn contrast reactions and treatment, contraindications
4. Learn about the radiology at pregnancy and lactation.
5. Evaluate findings of radiological examinations such as X-ray, CT, MR and US.
6. Learn about the interventional radiology.
7. Learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.

Assessment Methods	Failure to sign in will be interpreted as absence; ≥20 % absence requires repeating the course, Written final exam. Multiple choice questions with sectional or X-ray imaging evaluation; contributes to 80 % of final points. Oral exam, during practical period, contributes to 20 % of final points.
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Clerkship Name	Orthopedics And Traumatology, Physical Medicine And Rehabilitation	MED 508
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 5 weeks

Theoretical Hours	21	Credit 8	ECTS 8
Practical Hours	167		
Study Hours	0		
TOTAL (Student Workload)	188		

Clerkship Chairs

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Faculty

Ufuk NALBANTOĞLU <i>M.D., Prof.</i> <i>Orthopedics And Traumatology</i>	Barış KOC AOĞLU <i>M.D., Prof.</i> <i>Orthopedics And Traumatology</i>	Buğra ALPAN <i>M.D., Instructor</i> <i>Orthopedics And Traumatology</i>
Metin TÜRKMEN <i>M.D., Prof.</i> <i>Orthopedics And Traumatology</i>	Salih MARANGOZ <i>M.D., Prof.</i> <i>Orthopedics And Traumatology</i>	Reyhan ÇELIKER <i>M.D., Prof.</i> <i>Physical Medicine And Rehabilitation</i>
Ahmet ALANAY <i>M.D., Prof.</i> <i>Orthopedics And Traumatology</i>	Arel GERELI <i>M.D., Assoc. Prof.</i> <i>Orthopedics And Traumatology</i>	Zeynep GÜVEN <i>M.D., Prof.</i> <i>Physical Medicine And Rehabilitation</i>
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Educational Methods	Lectures Problem based learning session (PBL) Skill training in Center of Advanced Simulation & Education (CASE) Practice in clinics Practice in emergency room Practice in operation room
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Clerkship Aims

This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis, treatment, rehabilitation and physical therapy modalities and preventive measures of musculoskeletal system diseases and trauma.

Clerkship Outcomes

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

Orthopedics and Traumatology

1. perform basic musculoskeletal system examination and define common abnormalities
2. diagnose common musculoskeletal system diseases
3. identify traumatic injuries
4. choose imaging techniques to diagnose musculoskeletal system disorders and assess x-rays
5. obtain basic principles of differential diagnosis in musculoskeletal system disorders by processing the clinical, laboratory, radiological findings
6. list common complications of fractures and dislocations and basic management principles
7. perform basic splinting and bandaging techniques, manage to transfer trauma patients in optimal conditions
8. perform basic hip and extremity examination of a new born
9. describe common sports injuries and summarize their treatment options
10. describe symptoms and physical findings of common musculoskeletal cancers, define screening protocol and refer these patients to appropriate centers
11. define diagnostic criteria of musculoskeletal system infections, explain the principles of their management

Physical Medicine and Rehabilitation

1. learn definition, classification and measurement of pain; get familiar with principles of treatment of pain and WHO pain ladder, write a prescription for analgesics.
2. be able to list differential diagnosis of neck and low back pain and able to examine a patient encountered with such complaints.
3. define the most common etiologies of pain for upper and lower extremity joints (shoulder, elbow, wrist, hip, knee, ankle and joints of the hand and feet) and treatment principles.
4. able to make the differential diagnosis for degenerative and inflammatory disorders.
5. able to make a diagnosis of osteoarthritis and inform the patient about treatment and prognosis.
6. develop a general sense of rehabilitation concepts and how rehabilitation can be applied to
7. different patient populations (pediatrics, geriatrics, pulmonary and cardiovascular problems, etc.).

8. get familiar with orthotics and prosthetics and learn the rationale of use for such devices.
9. define osteoporosis and list the major groups of medication used for the treatment.
10. able to show anatomic landmarks of musculoskeletal anatomy
11. define common inflammatory disorders of musculoskeletal system, get familiar with criteria for inflammatory disorders.

<p>Assessment Methods</p>	<p>Oral Exam (15 points) Mini – CEX (15 points) PBL (5 points) CASE-OSCE (30 points) <u>Written Exam (35 points) TOTAL: 100</u></p> <p>✓ Individuals with >20% absence in lectures, skill trainings and practices will fail and must repeat this course. ✓ Minimum point to complete the clerkship successfully is 60.</p>
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Clerkship Name	Forensic Medicine	MED 509
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year V / 2 weeks

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

Clerkship Chairs

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Faculty

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Educational Methods	Theoretical lecture Interactive learning session Practice in the autopsy
Clerkship Aims	
This course aims to provide knowledge about the forensic medical procedure, autopsy, death, wounds, child abuse, domestic violence, physicians' legal responsibilities, medical malpractice.	
Clerkship Outcomes	
<p style="text-align: center;">By the end of this clerkship, the students will be able to:</p> <ol style="list-style-type: none"> 1. Identify problems dealing with forensic medicine and resolve that problems using with correctly applied different concepts. 2. Define forensic medicine and how forensic medicine works, 3. Describe differences between forensic science and forensic medicine 4. Diagnose forensic cases, perform forensic medical procedure, 5. Perform a proper forensic report 6. Define autopsy procedure and autopsy types, 7. Describe what does death mean, types of death, early and late evidences of the death, organ transplantation procedure 8. Describe forensic psychiatric principles 9. Describe what does domestic violence mean, types of domestic violence, the results of domestic violence 10. Describe what does violence against women mean, types of violence against women, the results of violence against women 11. Describe what does child abuse mean, types of child abuse, the results of child abuse 12. Define medical malpractice and to list types of medical malpractice 13. Analyze the relationship between forensic cases and penal codes 14. Describe classification of wounds, diagnose different types of wounds 15. Define what does asphyxia mean, types of asphyxia, evidences of asphyxia and to make differential diagnosis different types of asphyxia 	
Assessment Methods	Written examination-40 Forensic report written examination-40 One question quizzes-20



Clerkship Name	Urology	MED 511
Clerkship Type	Compulsory	
Medium of Instruction	English	
Year / Duration	Year V / 3 weeks	

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

Clerkship Chairs

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Selçuk KESKİN
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Educational Methods	Lectures Interactive learning session. Practice in outpatient clinics.
Clerkship Aims	
<p>This course aims to provide necessary knowledge about the etiology, pathogenesis, clinical symptoms and signs, differential diagnosis and treatment of male and female urogenital diseases and preventive measures. Students will be able to interpret laboratory results, findings of radiological examinations and perform several interventions. Additionally, they will learn what their responsibilities are and acquire the necessary attitudes and behaviors about 'patients' rights and privacy.</p>	
Clerkship Outcomes	
<p style="text-align: center;">By the end of this clerkship, 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 • Describe the role of PSA in urological screening • Diagnose and treat urinary infection • Perform digital rectal examination • Perform examination of the testicles • Perform urethral catheterization 	
Assessment Methods	<p>Failure to sign in will be interpreted as absence; ≥ 20 % absence requires repeating the course, General course assessment (Absence/attendance and active cooperation during course. Contributes to 30 % of final points.) Structured written exam (contributes to 70 % of final points)</p>

Elective Clerkships (2019-2020)

Code	Clerkship	Coordinator	National Credits	ACTS	Dates							
					Sep 02 - Sep 27 2019	Sep 30 - Oct 25 2019	Nov 25 - Dec 20 2019	Dec 23 - Jan 17 2020	Feb 17 - Mar 13 2020	Mar 16 - Apr 10 2020	Apr 13 - May 8 2020	May 11 - Jun 5 2020
MED 512	Anatomy	Alp Bayramoğlu, M.D., Prof. (Ataşehir Kampüsü)	6	7	2	2	2					
MED 515	Pediatric Surgery	Latif Abbasoğlu, M.D., Prof. (Bakırköy)	6	7	1	1	1	1	1	1	1	1
MED 516	Child and Adolescent Mental Health and Diseases	Ali Evren Tufan, M.D., Prof. (Atakent)	6	7	1		1				1	
MED 551	Gastroenterology	Gürhan Şişman, M.D., Assoc., Prof. (Atakent)	6	7			3		3		3	
MED 551	Gastroenterology	Hakan Ünal, M.D., Assoc., Prof. (Bakırköy)	6	7			1	1		1		
MED 551	Gastroenterology	Fatih Oğuz Önder, M.D., Prof. (Atakent)	6	7	3	3	3	3	3	3	3	3
MED 551	Gastroenterology	Nurdan Tözün, M.D., Prof. (Altunizade)	6	7	3	3	3	3	2	3	3	3
MED 551	Gastroenterology	Arzu Tiftikçi, M.D., Prof. (Maslak)	6	7	2	2	2	2	2	2	2	2
MED 551	Gastroenterology	Murat Saruç, M.D., Prof. (Bakırköy)	6	7			1	1		1		
MED 554	General Surgery	Cihan Uras, M.D., Prof. (Maslak, Bakırköy)	6	7	2	2	2	2	2	2	2	2
MED 554	General Surgery	Bilgi Baca, M.D., Prof. (Atakent, Altunizade)	6	7	3	3	3	3	3	3	3	3
MED 554	General Surgery	Tayfun Karahasanoğlu, M.D., Prof. (Maslak)	6	7	1	1	1	1	1	1	1	1
MED 554	General Surgery	Erman Aytaç, M.D., Assoc., Prof. (Maslak)	6	7	2	2	2	2	2	2	2	2
MED 554	General Surgery	İsmail Hamzaoğlu, M.D., Prof. (Maslak)	6	7	1	1	1	1	1	1	1	1
MED 554	General Surgery	Onur Dülgeroğlu, M.D., Instructor (Atakent)	6	7	1	1	1	1	1	1	1	1
MED 554	General Surgery	İbrahim Berber, M.D., Prof. (International)	6	7	1	1	1	1	1	1	1	1
MED 554	General Surgery	Volkan Özben, M.D., Assoc. Prof. (Atakent)	6	7	2	2	2	2	2	2	2	2
MED 554	General Surgery	Akif Enes Ankan, M.D., Assist. Prof. (Klinik Araştırma)	6	7	1	1	1	1	1	1	1	1
MED 555	Plastic Reconstructive & Aesthetic Surgery	Hakan Ağır, M.D., Prof. (Altunizade)	6	7	2		2				2	
MED 556	Pediatric Cardiology	Arda Saygılı, M.D., Prof. (Maslak)	6	7						1	1	1
MED 556	Pediatric Cardiology	Ender Ödemiş, M.D., Prof. (Atakent)	6	7						1	1	1
MED 557	Pediatric Hematology-Oncology	Cengiz Canpolat, M.D., Prof. (Altunizade)	6	7		2						
MED 559	Pediatric Genetics	Yasemin Alanay, M.D., Ph.D., Prof. (Maslak)	6	7				1				
MED 560	Emergency Medicine	Serpil Yaylıcı, M.D., Assoc. Prof. (Atakent)	6	7	2	2	2	2	2	2	2	2
MED 560	Emergency Medicine	Serpil Yaylıcı, M.D., Assoc. Prof. (Maslak)	6	7	2	2	2	2	2	2	2	2
MED 563	Family Medicine (Birinci basamakta saha araştırması)	Pınar Topsever, M.D., Prof. (Ataşehir Kampüsü)	6	7							1	2
MED 566	Anesthesiology and Reanimation	Tayfun Güler, M.D., Prof. (Atakent)	6	7	1	1	1	1	1	1	1	1
MED 568	Neurosurgery-1	Memet Özek, M.D., Prof. (Altunizade)	6	7			4		4			
MED 571	Cardiovascular Surgery	Şahin Şenay, M.D., Prof. (Maslak)	6	7	2	2	2	2	2	2	2	2
MED 571	Cardiovascular Surgery	Hasan Karabulut, M.D., Prof. (Altunizade)	6	7	1	1	1	1	1	1	1	1
MED 572	Nuclear Medicine	Levent Güner, M.D., Instructor (Maslak)	6	7	1	1	1	1	1	1	1	1
MED 573	Medical Biochemistry	Aysel Özpınar, M.D., Prof. (Ataşehir Kampüsü)	6	7	5	5	5	5	5	10	10	15
MED 574	Laboratory Animals in Research	Güldal Süyen, M.D., Ph.D., Prof. (Ataşehir Kampüsü)	6	7					2	2	2	2
MED 576	Pathology	Ümit İnce, M.D., Prof. (Maslak)	6	7			1	2	2			
MED 577	Cardiovascular Surgery-Pediatric	Ersin Ereğ, M.D., Prof. (Atakent)	6	7	2	2	2	2	2	2	2	2
MED 578	Orthopedics	Metin Türkmen, M.D., Prof. (Altunizade)	6	7		1		1			1	
MED 578	Orthopedics	Alper Kaya, M.D., Prof. (Altunizade)	6	7				1		1		1
MED 578	Orthopedics	Baş Kocaoğlu, M.D., Prof. (Altunizade)	6	7			1		1		1	
MED 578	Orthopedics	Arel Gereli, M.D., Prof. (Altunizade)	6	7	1		1		1	1		1
MED 578	Orthopedics	Tekin Kerem Ülkü, M.D., Assist., Prof. (Altunizade)	6	7	1		1		1		1	
MED 583	Pediatrics	Serdar Beken, M.D., Assoc., Prof. (Atakent)	6	7		1						
MED 585	Endocrinology	Rüştü Serter, M.D., Prof. (Fulya)	6	7			1		1			
MED 586	Radiology	Erkin Anbal, M.D., Prof. (Altunizade)	6	7	1	1	1	1	2	2	2	2
MED 593	Social Pediatrics	Selda Karaayvaz, M.D., Prof. (Altunizade)	6	7			1	1		1	1	
MED 595	Ophthalmology	Ali Rıza Cenk Çelebi, M.D., Assoc., Prof. (Atakent)	6	7	1	1	1	1	1	1	1	1
MED 596	Urology	Saadettin Eskiçorapçı, M.D., Prof. (Atakent)	6	7						1		
MED 596	Urology	Cem Akbal, M.D., Prof. (Altunizade)	6	7						1		
MED 596	Urology	İlter Tüfek, M.D., Prof. (Maslak)	6	7						1		

FORENSIC MEDICINE		
Title	Faculty Member	Department
Introduction	Oğuz Polat	Forensic Medicine
Basics of Forensic Medicine	Oğuz Polat	Forensic Medicine
The differences between Forensic Medicine and Forensic Sciences	Oğuz Polat	Forensic Medicine
Forensic Medicine in Turkey	Oğuz Polat	Forensic Medicine
Description of Deat	Işıl Pakiř	Forensic Medicine
Early and Late Postmortem changes	Işıl Pakiř	Forensic Medicine
Crime Scene Investigation , Identification	Işıl Pakiř	Forensic Medicine
Forensic death evaluation, Forensic autopsy	Işıl Pakiř	Forensic Medicine
Forensic death evaluation, Forensic autopsy	Işıl Pakiř	Forensic Medicine
Family Violence	Oğuz Polat	Forensic Medicine
Child Abuse and Neglect	Oğuz Polat	Forensic Medicine
Sexual Abuse of Child	Oğuz Polat	Forensic Medicine
Elder abuse	Oğuz Polat	Forensic Medicine
Autopsy video -1	Işıl Pakiř	Forensic Medicine
Autopsy video -2	Işıl Pakiř	Forensic Medicine
Forencis Cases Legal Procedure	Işıl Pakiř	Forensic Medicine
Principles of writing a forensic report	Işıl Pakiř	Forensic Medicine
Reporting the forensic cases	Işıl Pakiř	Forensic Medicine
Forensic Report Practice and Discussion	Işıl Pakiř	Forensic Medicine
The origins of death	Oğuz Polat	Forensic Medicine
Homicides	Oğuz Polat	Forensic Medicine
Suicides	Oğuz Polat	Forensic Medicine
Reporting the violence cases	Oğuz Polat	Forensic Medicine
Forensic Aspects of Wounding	Işıl Pakiř	Forensic Medicine
Wounds Caused by pointed and sharp-edged weapons	Işıl Pakiř	Forensic Medicine
Blunt Trauma wounds	Işıl Pakiř	Forensic Medicine
Gunshot wounds	Işıl Pakiř	Forensic Medicine
Slide seminar of wounds	Işıl Pakiř	Forensic Medicine
Asphxia 1(Suffocation, strangulation, suffocation gases)	Oğuz Polat	Forensic Medicine
Asphxia 2 (Chemical asphxyciants	Oğuz Polat	Forensic Medicine
Forensic psychiatry	Oğuz Polat	Forensic Medicine
Forensic Psychiatry and legal regulations	Oğuz Polat	Forensic Medicine
Legal responsibilities of physicians	Işıl Pakiř	Forensic Medicine
Classification of Medical Malpractice	Işıl Pakiř	Forensic Medicine
Difference between complication and medical malpractice	Işıl Pakiř	Forensic Medicine
Medical Malpractice in Turkey	Işıl Pakiř	Forensic Medicine
Legislations about Medical Malpractice	Işıl Pakiř	Forensic Medicine
Description and classification of accidents	Oğuz Polat	Forensic Medicine
Transportation and childhood accidents	Oğuz Polat	Forensic Medicine
Differentiation between natural and unnatural deaths	Oğuz Polat	Forensic Medicine
Sudden unexpected child deaths	Oğuz Polat	Forensic Medicine
Case-discussion	Oğuz Polat - Işıl Pakiř	Forensic Medicine
Poisoning	Oğuz Polat	Forensic Medicine
Drug related deaths	Oğuz Polat	Forensic Medicine
Forensic aspects of alcohol	Oğuz Polat	Forensic Medicine
Drug Dependency	Oğuz Polat	Forensic Medicine
Autopsy practice (Forensic Council of Medicine)		Forensic Medicine
Reporting the autopsy cases		Forensic Medicine

DERMATOLOGY		
Title	Faculty Member	Department
DERMATOLOGY ORIENTATION		Dermatology
Introduction to Dermatology	Deniz Duman	Dermatology
Psoriasis	Deniz Duman	Dermatology
(IALS) Slide show and quiz	Deniz Duman	Dermatology
(IALS) Discussion and review of lectures	Deniz Duman	Dermatology
Benign Skin Tumors	Sedef Şahin	Dermatology
Malignant melanoma and lymphoma	Sedef Şahin	Dermatology
(IALS) Discussion and review of lectures	Sedef Şahin	Dermatology
Cutaneous signs of systemic diseases	Gülşen Tükenmez Demirci	Dermatology
Contact Dermatitis	Gülşen Tükenmez Demirci	Dermatology
Alopecias	Gülşen Tükenmez Demirci	Dermatology
(IALS) Slide show and quiz	Gülşen Tükenmez Demirci	Dermatology
(IALS) Discussion and review of lectures	Gülşen Tükenmez Demirci	Dermatology
Bacterial Infections of the Skin	İkbal Esen Aydıngöz	Dermatology
Parasitic Infestations of the Skin	İkbal Esen Aydıngöz	Dermatology
(IALS) Slide show and quiz	İkbal Esen Aydıngöz	Dermatology
(IALS) Discussion and review of lectures	İkbal Esen Aydıngöz	Dermatology
Non-melanoma skin cancers	Gamze Erfan	Dermatology
Seborrheic Dermatitis	Gamze Erfan	Dermatology
Behcet's disease	Gamze Erfan	Dermatology
(IALS) Discussion and review of lectures	Gamze Erfan	Dermatology
Syphilis and Other Sexually Transmitted Disorders	Emel Öztürk Durmaz	Dermatology
Differential Diagnosis Differential Diagnosis of Genital Lesions	Emel Öztürk Durmaz	Dermatology
Erythroderma	Emel Öztürk Durmaz	Dermatology
Urticaria and Angioedema	Ersoy Hazneci	Dermatology
Pruritus	Ersoy Hazneci	Dermatology
Erythema Multiforme	Ersoy Hazneci	Dermatology
(IALS) Slide show and quiz	Ersoy Hazneci	Dermatology
(IALS) Discussion and review of lectures	Ersoy Hazneci	Dermatology
Acne Vulgaris and related diseases	Dilek Bıyık Özkaya	Dermatology
Phototherapy	Dilek Bıyık Özkaya	Dermatology
Acne Rosacea	Dilek Bıyık Özkaya	Dermatology
Lichen-lichenoid eruptions- Pit.rosea	Yeliz Erdemoğlu	Dermatology
Fungal Infections of the Skin	Yeliz Erdemoğlu	Dermatology
(IALS) Slide show and quiz	Yeliz Erdemoğlu	Dermatology
(IALS) Discussion and review of lectures	Yeliz Erdemoğlu	Dermatology
Viral Infections of the Skin	Özgür Timurkaynak	Dermatology
Drug reactions	Özgür Timurkaynak	Dermatology
Principles of Topical Treatment in Dermatology	Özgür Timurkaynak	Dermatology
(IALS) Slide show and quiz	Özgür Timurkaynak	Dermatology
Pigmentary Disorders	Engin Sezer	Dermatology
Atopic Dermatitis	Engin Sezer	Dermatology
Autoimmune bullous diseases	Engin Sezer	Dermatology
(IALS) Slide show and quiz	Engin Sezer	Dermatology
(IALS) Discussion and review of lectures	Engin Sezer	Dermatology
Cutaneous and oral examination		Dermatology
Diagnostic methods in Dermatology		Dermatology
Dermatologic Surgery Room		Dermatology
Laser Surgery Room		Dermatology
Case discussions		Dermatology

OTOLARYNGOLOGY-Head & NECK SURGERY

Title	Faculty Member	Department
ENT Examination	Alper Özdilek	Otolaryngology - Head And Neck Surgery
Sore Throat	Alper Özdilek	Otolaryngology - Head And Neck Surgery
Dysphagia	Elif Aksoy	Otolaryngology - Head And Neck Surgery
Neck Masses 1	Alper Özdilek	Otolaryngology - Head And Neck Surgery
Neck Masses 2	Alper Özdilek	Otolaryngology - Head And Neck Surgery
Head and Neck Cancer 1	Ahmet Erdem Kılavuz	Otolaryngology - Head And Neck Surgery
Head and Neck Cancer 2	Ahmet Erdem Kılavuz	Otolaryngology - Head And Neck Surgery
Nasal obstruction	Ahmet Erdem Kılavuz	Otolaryngology - Head And Neck Surgery
Facial pain and Rhinorhea-1	Gediz Murat Serin	Otolaryngology - Head And Neck Surgery
Facial pain and Rhinorhea-2	Gediz Murat Serin	Otolaryngology - Head And Neck Surgery
Epistaxis	Melih Güven Güvenç	Otolaryngology - Head And Neck Surgery
Snoring and OSA 1	Murat Karaman	Otolaryngology - Head And Neck Surgery
Snoring and OSA 2	Murat Karaman	Otolaryngology - Head And Neck Surgery
Maxillofacial trauma 1	Elif Aksoy	Otolaryngology - Head And Neck Surgery
Maxillofacial trauma 2	Elif Aksoy	Otolaryngology - Head And Neck Surgery
Facial Plastic Surgery 1	Tamer Erdem	Otolaryngology - Head And Neck Surgery
Facial Plastic Surgery 2	Tamer Erdem	Otolaryngology - Head And Neck Surgery
Facial Paralysis 1	Ahmet Koç	Otolaryngology - Head And Neck Surgery
Facial Paralysis 2	Ahmet Koç	Otolaryngology - Head And Neck Surgery
Vertigo and Dizziness 1	Haluk Özkarakaş	Otolaryngology - Head And Neck Surgery
Vertigo and Dizziness 2	Haluk Özkarakaş	Otolaryngology - Head And Neck Surgery
Audiology and vestibular examination 1	Şenol Polat	Otolaryngology - Head And Neck Surgery
Audiology and vestibular examination 2	Şenol Polat	Otolaryngology - Head And Neck Surgery
Hearing Loss 1	Serdar Baylanççek	Otolaryngology - Head And Neck Surgery
Hearing Loss 2	Serdar Baylanççek	Otolaryngology - Head And Neck Surgery
Otalgia	Ahmet Erdem Kılavuz	Otolaryngology - Head And Neck Surgery
Hoarseness	İsmet Emrah Emre	Otolaryngology - Head And Neck Surgery
Dyspne	İsmet Emrah Emre	Otolaryngology - Head And Neck Surgery
Inpatient and outpatient work		Otolaryngology - Head And Neck Surgery

NEUROLOGY		
Title	Faculty Member	Department
Neuroanatomy	Mustafa Seçkin	Neurology
Localization in Clinical Neurology	Mustafa Seçkin	Neurology
Neurological examination	Yavuz Bekmezci	Neurology
Diagnostic tools in neurology	Yavuz Bekmezci	Neurology
Extrapyramidal disorders	Murat Aksu	Neurology
Sleep physiology and disorders	Murat Aksu	Neurology
Epilepsy 1	Erkan Acar	Neurology
Epilepsy 2	Erkan Acar	Neurology
Cerebrovascular disorders 1	Dilaver Kaya	Neurology
Cerebrovascular disorders 2	Dilaver Kaya	Neurology
Demantia 1	Mustafa Seçkin	Neurology
Demantia 2	Mustafa Seçkin	Neurology
Coma and mental alterations	Ayşe Sağduyu Kocaman	Neurology
Demyelinating disorders	Ayşe Sağduyu Kocaman	Neurology
Neuromuscular disorders 1	Pınar Yalınay Dikmen	Neurology
Neuromuscular disorders 2	Pınar Yalınay Dikmen	Neurology
Cranial and Peripheral neuropathies	Elif Ilgaz Aydınlar	Neurology
Headache	Elif Ilgaz Aydınlar	Neurology
CNS infections	Nazire Avşar	Neurology
Neurological emergencies	Nazire Avşar	Neurology
Spinal cord diseases	Yıldız Kaya	Neurology
Neurological complications of systemic disorder	Yıldız Kaya	Neurology
Clinical round/bedside teaching		Neurology
Outpatient clinic and case discussion		Neurology

NEUROSURGERY		
Title	Faculty Member	Department
Diagnostic Technologies in Neurosurgery	Bahattin Tanrıkulu	Neurosurgery
Closed Spinal dysraphism	Metin Memet Özek	Neurosurgery
Spasticity surgery	Metin Memet Özek	Neurosurgery
Hydrocephalus	Metin Memet Özek	Neurosurgery
Open Spinal dysraphism	Metin Memet Özek	Neurosurgery
Craniosynostosis	Bahattin Tanrıkulu	Neurosurgery
Epilepsy surgery	Bahattin Tanrıkulu	Neurosurgery
Phacomatoses	Bahattin Tanrıkulu	Neurosurgery
Fundamentals of CT/MRI imaging for intracranial mass lesions	Koray Özduvan	Neurosurgery
Stereotactic surgery and surgery for movement disorders	Koray Özduvan	Neurosurgery
Gamma Knife radiosurgery	Koray Özduvan	Neurosurgery
Anatomy of the brain	Abuzer Güngör	Neurosurgery
Anatomy of the Spinal Cord	Abuzer Güngör	Neurosurgery
Spinal vascular malformations	Murat İmre Usseli	Neurosurgery
Stroke and treatment of occlusive cerebrovascular disease	Zafer Berkman	Neurosurgery
Subarachnoid hemorrhage	Zafer Berkman	Neurosurgery
Cerebral aneurysms	Zafer Berkman	Neurosurgery
Raised intracranial pressure	Murat Şakir Ekşi	Neurosurgery
Cranial trauma and complications	Murat Şakir Ekşi	Neurosurgery
Surgical treatment of Pain	Abuzer Güngör	Neurosurgery
Peripheral nerve surgery	Abuzer Güngör	Neurosurgery
Central nervous system infections	Murat Şakir Ekşi	Neurosurgery
Intracranial vascular malformations	Mustafa Güdük	Neurosurgery
Pseudotumor cerebri	Mustafa Güdük	Neurosurgery
Syringomyelia	Mustafa Güdük	Neurosurgery
Chiari malformations	Mustafa Güdük	Neurosurgery
Spinal cord compression syndrome	Serdar Özgen	Neurosurgery
Spinal trauma	Serdar Özgen	Neurosurgery
Degenerative spinal disease	Serdar Özgen	Neurosurgery
Encephalocelles	Hamit Aytar	Neurosurgery
Craniovertebral junction anomalies	Hamit Aytar	Neurosurgery
Spinal tumors	Selim Ayhan	Neurosurgery
Clinical Practice	Hamit Aytar	Neurosurgery
Clinical Practice	Abuzer Güngör	Neurosurgery
Clinical Practice	Metin Memet Özek	Neurosurgery
Clinical Practice	Bahattin Tanrıkulu	Neurosurgery
Clinical Practice	Serdar Özgen	Neurosurgery
Clinical Practice	Murat Şakir Ekşi	Neurosurgery
Clinical Practice	Zafer Berkman	Neurosurgery
Clinical Practice	Mustafa Güdük	Neurosurgery
Gamma Knife	Koray Özduvan	Neurosurgery
Hareket Analizi		Neurosurgery
Seminer		Neurosurgery

ORTHOPEDICS & PTR		
Title	Faculty Member	Department
Surgical treatment of cartilage injuries - nonarthroplasty and arthroplasty	Alper Kaya	Orthopedy
Physical Examination of Musculoskeletal System	Atacan Atalar	Orthopedy
Infections of the bone and soft tissues	Halil Can Gemalmaz	Orthopedy
Traumatic injuries of the extremities	Taner Güneş	Orthopedy
PBL 1 (pediatric trauma and child abuse)	Umut Akgün	Orthopedy
Basics in musculoskeletal imaging	Mehmet Uğur Özbaydar	Orthopedy
Spinal Deformities	Çağlar Yılgör	Orthopedy
Fracture Treatment	Arel Gereli	Orthopedy
Bone and soft tissue tumors	Buğra Alpan	Orthopedy
Pelvic and Spinal Trauma	Fatih Dikici	Orthopedy
DDH, Club foot and neuromuscular d.	Salih Marangoz	Orthopedy
Ligament, tendon and meniscal injuries	Barış Kocaoğlu	Orthopedy
PBL 2 (pediatric trauma and child abuse)	Tekin Kerem Ülkü	Orthopedy
CASE- Fixation techniques	Metin Türkmen	Orthopedy
CASE- Orthotics & Assistive devices	Selim Ergün	Orthopedy
CASE- Amputate Transfer	Kerim Sarıılmaz	Orthopedy
CASE- Physical Examination of Musc.sk. System	Vahit Emre Özden	Orthopedy
CASE- Radiology	Göksel Dikmen	Orthopedy
Upper extremity pain syndromes	Tolgay Aydoğ	Physical Therapy And Rehabilitation
Lower extremity pain syndromes	Tolgay Aydoğ	Physical Therapy And Rehabilitation
Low back pain	Berna Tander	Physical Therapy And Rehabilitation
Pain, classification and treatment	Berna Tander	Physical Therapy And Rehabilitation
Inflammatory joint disorders	Zeynep Güven	Physical Therapy And Rehabilitation
Osteoporosis and metabolic bone diseases	Zeynep Güven	Physical Therapy And Rehabilitation
Neck and back pain	Meral Bayramoğlu	Physical Therapy And Rehabilitation
Concepts of Rehabilitation	Meral Bayramoğlu	Physical Therapy And Rehabilitation
CASE: Anatomic Landmarks	Reyhan Çeliker	Physical Therapy And Rehabilitation
CASE: Red flags of low back pain	Selda Özçirpıcı	Physical Therapy And Rehabilitation
CASE: Approach to Neck Pain	Şule Arslan	Physical Therapy And Rehabilitation
CASE: Basics of orthotics	Emrullah Hayta	Physical Therapy And Rehabilitation
CLINICS		Orthopedy
CLINICS		Physical Therapy And Rehabilitation

PSYCHIATRY		
Title	Faculty Member	Department
Psychiatric Signs and Symptoms	Ürün Özer	Psychiatry
Mental Status Examination	Ürün Özer	Psychiatry
Trauma and Stressor Related Disorders	Ürün Özer	Psychiatry
Somatoform and Dissociative Disorders	Ürün Özer	Psychiatry
Eating Disorders	Gökşen Yüksel	Psychiatry
Personality Disorders	Gökşen Yüksel	Psychiatry
Substance Related Disorders	Meral Akbıyık	Psychiatry
Mood Disorders	Meral Akbıyık	Psychiatry
Psychiatric Emergencies	İrem Yaluğ Ulubil	Psychiatry
Consultation Liaison Psychiatry and Psychosomatic Medicine	İrem Yaluğ Ulubil	Psychiatry
Schizophrenia	Burcu Yavuz	Psychiatry
Other Psychotic Disorders	Burcu Yavuz	Psychiatry
Psychopharmacology	Burcu Yavuz	Psychiatry
Obsessive Compulsive Disorder	Çağatay Karşıdağ	Psychiatry
Anxiety Disorders	Çağatay Karşıdağ	Psychiatry
Perinatal Psychiatry	Çağatay Karşıdağ	Psychiatry
Child and Adolescent Psychiatry Autism Spectrum Disorders	Betül Mazlum	Psychiatry
Child and Adolescent Psychiatry Learning Disorders	Betül Mazlum	Psychiatry
Child and Adolescent Psychiatry Speech and Communication Disorders	Betül Mazlum	Psychiatry
Child and Adolescent Psychiatry Tic Disorders	Betül Mazlum	Psychiatry
Child and Adolescent Psychiatry ADHD	Arzu Önal	Psychiatry
Child and Adolescent Psychiatry ODD	Arzu Önal	Psychiatry
Child and Adolescent Psychiatry Enuresis Encopresis	Arzu Önal	Psychiatry
Child and Adolescent Psychiatry Conduct Disorders	Arzu Önal	Psychiatry
Psychotherapies	Simay Fatih	Psychology
Psychotherapy Lab	Simay Fatih	Psychology
Child and Adolescent Psychiatry Psychiatric Evaluation of Children and Adolescents	Ali Evren Tufan	Psychiatry
Child and Adolescent Psychiatry Depressive Disorders in Children and Adolescents	Ali Evren Tufan	Psychiatry
Child and Adolescent Psychiatry Approaching Children and Adolescents with a Chronic or Mortal Disease and Their Families	Ali Evren Tufan	Psychiatry
BAKIRKOY TRAINING AND RESEARCH HOSPITALBAKIRKOY TRAINING AND RESEARCH HOSPITAL		Psychiatry
Case Discussion (Olgü sunumu)		Psychiatry

RADIOLOGY		
Title	Faculty Member	Department
Introduction to Radiology	Füsün Taşkın	Radiology
Radiobiology	Füsün Taşkın	Radiology
Contrast Medium, Allergic reactions and treatment	Füsün Taşkın	Radiology
ABDOMINAL RADIOLOGY Typical imaging features of the most common diseases of the kidneys and of the urinary tract, prostate, seminal vesicles and testes	Erdem Yılmaz	Radiology
Basic understanding of the common indications, contraindications and limitations in gastrointestinal and abdominal imaging	Erdem Yılmaz	Radiology
Image Production and Interpretation in CT	Erdem Yılmaz	Radiology
NEURORADIOLOGY - NEUROANATOMY	Simay Kara	Radiology
Ischaemic and haemorrhagic stroke Traumatic brain injury and spinal trauma	Simay Kara	Radiology
White matter disease, inflammation, Infection and degeneration on CNS	Simay Kara	Radiology
Tumors of CNS	Simay Kara	Radiology
Radiology of Spine	Simay Kara	Radiology
INTERVENTIONAL RADIOLOGY -Basics of interventional radiology	Koray Güven	Radiology
Interventional Oncology	Koray Güven	Radiology
Interventional radiologic procedures and complications	Koray Güven	Radiology
Case samples	Koray Güven	Radiology
PEDIATRIC RADIOLOGY - The increased vulnerability of children to ionizing radiation Basic understanding of the typical imaging manifestations of accidental and non-accidental trauma	Özlem Saygılı	Radiology
Basic imaging features of the most common disorders of the chest, GIS and abdomen, GUS in neonates, infants, children and adolescents	Özlem Saygılı	Radiology
Detect signs of fractures on conventional radiographs in the paediatric age group	Özlem Saygılı	Radiology
Congenital heart disease and the diagnostic features on conventional imaging radiographs Radiological features and causes of cardiac enlargement, including acquired valvula, vascular and pericardial disease	Özlem Saygılı	Radiology
TORAX RADIOLOGY - PA THORAX X-RAY	Eşref Kızılkaya	Radiology
Pulmoner nodule	Eşref Kızılkaya	Radiology
Thorax CT and important findings	Eşref Kızılkaya	Radiology
Imaging in thorax malignancies	Eşref Kızılkaya	Radiology
BREAST RADIOLOGY -Mammography, ultrasound and/or MRI of the breast; indications, contraindications and limitations	Gül Esen içten	Radiology
Mammography, ultrasound and/or MRI of the breast; indications, contraindications and limitations	Gül Esen içten	Radiology
The appearance of common benign diseases and breast cancer on mammography	Gül Esen içten	Radiology
Basic ultrasound of the breast	Gül Esen içten	Radiology
MUSCULOSKELETAL RADIOLOGY - The normal musculoskeletal anatomy on conventional radiographs and cross-sectional imaging	Ercan Karaarslan	Radiology
Imaging presentations of trauma and degenerative disorders of the skeleton	Ercan Karaarslan	Radiology
Imaging of musculoskeletal infection and inflammation, and ,osteoporosis	Ercan Karaarslan	Radiology
Imaging of common soft tissue and bone tumours and tumor like lesions	Ercan Karaarslan	Radiology
Q&A	Ercan Karaarslan	Radiology
PRACTICE		Radiology
Nuclear Medicine (Practice)		Nuclear Medicine

UROLOGY		
Title	Faculty Member	Dept.
Course review and introduction	Selçuk Keskin	Urology
Benign prostaic hyperplasia	Selçuk Keskin	Urology
Specific and nonspecific urinary tract infections and sexually transmitted diseases	Bora Özveren	Urology
Genitourinary trauma and emergency	Enis Coşkuner	Urology
Upper Urothelial carcinoma and other rare urological malignancies	İlter Tüfek	Urology
Renal Cancer	Ali Rıza Kural	Urology
Evaluation of hematuria	Burak Özkan	Urology
Testis tumor	Burak Argun	Urology
Ureteral Stents catheters	Burak Argun	Urology
Prostate Cancer	Saadettin Eskiçorapçı	Urology
Urethral Catheterization		
Medical and surgical treatment of urinary stone disease	Uğur Altuğ	Urology
The ethiology, epidemiology and treatment of female incontinence and overactive bladder	Burak Özkan	Urology
Bladder cancer	Levent Türkeri	Urology
Medical and surgical treatment of erectile dysfunction	Hakan Özveri	Urology
Infertility	Hakan Özveri	Urology
Treatment of common urologic problems in the pediatric population	Can Öbek	Urology
Case based reviewof urologic oncology		Urology
OR/outpatient/ESWL		Urology



YEAR 6 2019-2020 CLERKSHIP PROGRAM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
A	Obstetrics & Gynecology 01.07.2019 - 28.07.2019	Obstetrics & Gynecology 01.07.2019 - 28.07.2019	Sim. 29.07.2019 - 04.08.2019	Pediatrics 05.08.2019 - 29.09.2019	Community Health & PHC 30.09.2019 - 24.11.2019	Psychiatry 25.11.2019 - 15.12.2019	Emergency Medicine 16.12.2019 - 09.02.2020	General Surgery 10.02.2020 - 08.03.2020	Internal Medicine 09.03.2020 - 03.05.2020	Elective 04.05.2020 - 28.06.2020																																										
B	Community Health & PHC 01.07.2019 - 25.08.2019	Community Health & PHC 01.07.2019 - 25.08.2019	Psychiatry 26.08.2019 - 15.09.2019	Sim. 16.09.2019 - 22.09.2019	Obstetrics & Gynecology 23.09.2019 - 20.10.2019	Pediatrics 21.10.2019 - 15.12.2019	Internal Medicine 16.12.2019 - 09.02.2020	Emergency Medicine 10.02.2020 - 05.04.2020	General Surgery 06.04.2020 - 03.05.2020	Elective 04.05.2020 - 28.06.2020																																										
C	Sim. 01.07.2019 - 07.07.2019	Emergency Medicine 08.07.2019 - 01.09.2019	General Surgery 02.09.2019 - 29.09.2019	Internal Medicine 30.09.2019 - 24.11.2019	Obstetrics & Gynecology 25.11.2019 - 22.12.2019	Pediatrics 23.12.2019 - 16.02.2020	Community Health & PHC 17.02.2020 - 12.04.2020	Psychiatry 13.04.2020 - 03.05.2020	Elective 04.05.2020 - 28.06.2020																																											
D	Internal Medicine 01.07.2019 - 25.08.2019	Obstetrics & Gynecology 26.08.2019 - 22.09.2019	Sim.	Emergency Medicine 30.09.2019 - 24.11.2019	General Surgery 25.11.2019 - 22.12.2019	Community Health & PHC 23.12.2019 - 16.02.2020	Psychiatry 17.02.2020 - 08.03.2020	Pediatrics 09.03.2020 - 03.05.2020	Elective 04.05.2020 - 28.06.2020																																											



Course Name	Internal Medicine	MED 601
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Course Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 8 weeks

Theoretical Hours	-	Credit 8	ECTS 10
Practical Hours	240		
Study Hours	120		
TOTAL (Student Workload)	360		

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Bahattin ÇİÇEK
M.D., Prof.

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PULMONARY DISEASES

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*Affiliated Faculty

Educational Methods	Seminars (Presented by interns and faculty staff), Journal Clubs, Case Discussions during ward rounds and out-patients' clinics, Clinical Skills Training, Ward rounds, Bed Side Training, Outpatient clinics, On-call duties and Night Shifts
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Clerkship Aims

This hospital based medical education program aims to deliver training in environment of wards and out-patient clinics of the tertiary health care facility.

Learning Outcomes

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

1. Gather data for patients' case history, perform physical examination and organizing management plan.
2. Manage contact with patients and with patients'
3. relatives.
4. Organize patient care, laboratory and radiologic tests under supervision of relevant primary doctor of the patient.
5. Keep medical case file records and fill and organize them when required.
6. Understand the legal issues regarding patients case files.
7. Observe and interpret the changes in the patients'
8. clinical and laboratory findings.
9. Manage interactions between various hospital staff.
10. Observe basic principles for management of an internal medicine ward.
11. Perform interventions for care of the patient.
12. Participate in the inter play of various disciplines required for the management of the patients who need multidisciplinary approach.
13. Make informing speeches to the patients and relatives when required.
14. Observe patient management in out-patient clinics

Assessment Methods	Direct observation and evaluation of intern-patient relationships, patients' case files recorded by interns, completing the defined duties, scheduled tasks, medical interventions performed by interns.
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Clerkship Name	General Surgery	MED 602
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 4 weeks

Theoretical Hours	-	Credit 4	ECTS 4
Practical Hours	120		
Study Hours	60		
TOTAL (Student Workload)	180		

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İsmail HAMZAOĞLU <i>M.D., Prof.</i>	Volkan ÖZBEN <i>M.D., Assoc. Prof.</i>
İbrahim Berber <i>M.D., Prof.</i>	
Tayfun KARAHASANOĞLU <i>M.D., Prof.</i>	
Remzi EMİROĞLU <i>M.D., Prof.</i>	

Educational Methods	<ul style="list-style-type: none"> • Bedside training • Outpatient clinics, ward rounds, inpatient clinics • Incorporation to surgical procedures • Case discussions • Paper / lecture presentation and discussion • Attendance to multidisciplinary and M&M meetings
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Clerkship Aims

<p>sixth-year medical students with bedside training, case discussions and paper presentations. They will learn to be a part of a surgical team and will take direct responsibility for the patient care.</p> <ul style="list-style-type: none"> • The students will have opportunities to join in the both inpatient and out-patient settings with medical teachers and other health professionals in the relevant hospitals of Acibadem Health Care Group. • Each student is expected to: <ul style="list-style-type: none"> ▪ incorporate basic knowledge and clinical experience to obtain modern patient-oriented clinical care and ▪ participate the care of patients in the various stages (preoperative area, inpatient and outpatient clinics, operative procedures, recovery and follow-up) of evaluation and treatment by surgeons.

Clerkship Outcomes

<p>By the end of this clerkship, the students will be able to:</p> <p>At the end of this internship program the students will be able to evaluate the patient and analyze the symptoms and examination findings related with the following topics.</p> <ul style="list-style-type: none"> • Acute abdomen • Acute appendicitis • Acute mastitis, nipple discharge and symptoms of breast mass • Anorectal disorders (anal abscess, hemorrhoidal disease, anal fissure, etc) and differential diagnosis such as rectal cancer. • Acute cholecystitis • Abdominal wall hernia • Thyroid disorders • Define minimally invasive surgery and robotics • Apply the following skills under observation <ul style="list-style-type: none"> ○ Suturing and suture removal ○ Abscess drainage ○ Placement of urinary catheter ○ Placement of nasogastric tube ○ Wound care • Prepare a medical report of a patient and fill out daily follow-up notes of the patient
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Assessment Methods	<ul style="list-style-type: none"> • Failure to sign will be interpreted as absence • 20% absence results in failure from internship program • They are expected to fulfill the requirements including case presentations, lecture/paper presentations. • Clinical skills and professional attitude will be assessed. • Assessment will be interpreted as sufficient or insufficient. • The aim is to teach basic surgical topics and principles to
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Clerkship Name	Pediatrics	MED 603
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 8 weeks

Theoretical Hours	-	Credit 8	ECTS 10
Practical Hours	240		
Study Hours	120		
TOTAL (Student Workload)	360		

Clerkship Chairs

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PEDIATRIC CARDIOLOGY

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PEDIATRIC GASTROENTEROLOGY AND NUTRITION

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PEDIATRIC GENETICS

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PEDIATRIC PULMONOLOGY

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PEDIATRIC ENDOCRINOLOGY AND METABOLISM

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PEDIATRIC NEPHROLOGY

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PEDIATRIC NEONATOLOGY

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Hasan KILIÇDAĞ
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Atalay DEMİREL
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Ebru KAZANCI
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Selma AKTAŞ
M.D., Assist. Prof.

PEDIATRIC INFECTIOUS DISEASE

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PEDIATRIC NEUROLOGY

Uğur IŞIK
M.D., Prof.

SOCIAL PEDIATRICS

Selda KARAAYVAZ
M.D., Prof.

*Affiliated Faculty

Educational Methods	Practice in outpatient clinics Practice in Clinical Wards and Intensive Care Units Clinical On-call duties Weekly Academic Meetings Academic Staff Lectures Journal Club Intern Presentations
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Clerkship Aims

The purpose of Pediatrics Internship is to integrate knowledge, attitudes and skills already acquired in the first 5 years of medical school in to the clinical discipline, follow-up of healthy children and practice current diagnostic and therapeutic approaches in common medical situations. Interns at Acibadem University School of Medicine will graduate equipped with interest and understanding of health issues regarding children in our country and the World with extensive knowledge in preventive and routine pediatric care. Interns will actively participate in care of hospitalized children and outpatients, practicing disease prevention, diagnosis, differential diagnosis, treatment and follow-up strategies and providing support for the patient and the family.

Clerkship Outcomes

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

1. 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.
2. Obtain an extensive pediatric history from the parent and from the child.
3. Perform a complete physical examination on patients from the neonatal period through adolescence,
4. Promptly assess mental status, cooperation quality and develop the ability to use Glasgow Coma Scale,
5. Obtain appropriate anthropometric measurements according to age and evaluate the growth parameters effectively
6. Develop a clinical assessment and management plan, demonstrating critical thinking skills and integration of previous basic science and clinical knowledge into management of pediatric problems
7. Establish a plan for immunization practices, nutrition for well-babies, and oral rehydration therapy
8. Provide adequate information and support for encouraging Breastfeeding
9. Fully evaluate a patient with common morbidities in childhood, such as infectious, cardiac, endocrine, hematologic, neoplastic, immunologic, nephrological, neuromuscular and genetic diseases.
10. Perform certain minor procedures in accordance with National Core Curriculum Guideline; venous puncture, establishment of peripheral/central venous line, establishment of urinary catheters, suturing, intubation, various site injections, basic life support, performing lumbar puncture and etc.
11. Experience on certain techniques; evaluation of peripheral smears, evaluating urine and stool analysis, obtaining various cultures with appropriate techniques, and etc.

12. Measure and evaluate vital sign sie. blood pressure, heart rate and respiratory rate, body temperature.
13. Perform and evaluate certain tests like electrocardiogram, pulmonary function tests, clotting time and etc.
14. Prescribe common peditric drugs and experience on weight based drug dose and parenteral medication calculations
15. Experience on evaluation of common peditric biochemical, hematological, microbiological and radiological tests
16. Experience on preparation of patient file, writing follow-up note sand medical reports

Assessment Methods

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



Clerkship Name	Obstetrics and Gynecology	MED 604
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 3 weeks

Theoretical Hours	-	Credit 4	ECTS 4
Practical Hours	120		
Study Hours	60		
TOTAL (Student Workload)	180		

Clerkship Chairs

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M. Murat NAKİ <i>M.D., Prof.</i>		
Ercan BAŞTU <i>M.D., Prof.</i>		

*Affiliated Faculty

Educational Methods	Lectures, Clinical Skills Training, Ward rounds- outpatient clinics, On-call duties
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Clerkship 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 common obstetric and gynecologic problems and, emergencies.
 Interns are expected to;
 Actively participate in maternal and fetal monitoring during labor and learn dynamics of vaginal delivery. Realize how OB/GYN merges surgery, medicine, and primary preventive care into a single practice. Discuss how over all 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

Clerkship Outcomes

- By the end of this clerkship, the students will be able to:
1. Demonstrate the ability to perform a thorough Ob/Gyn history, including menstrual history, obstetric history, gynecologic history, contraceptive history and sexual history.
 2. Demonstrate the ability to perform a gynecologic examination (Speculum/bimanual)
 3. Demonstrate the ability to perform an obstetric exam.
 4. Demonstrate the ability to perform Pap smear.
 5. Demonstrate the ability to interpret electronic fetal monitoring.
 6. Demonstrate the ability to provide contraceptive counseling.
 7. Demonstrate the ability to communicate the results of the OB/GYN history and physical examination by well-organized written notes and oral reports.
 8. Demonstrate the ability to formulate a differential diagnosis of the acute abdomen including ectopic pregnancy.
 9. Demonstrate the ability to describe the etiology and work up for infertility.
 10. 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.
 11. To have basic knowledge about antenatal and postpartum follow-up, determination of obstetric risk factors, management of obstetric.
 12. Hemorrhage principles. Demonstrate the ability to develop hypotheses, diagnostic strategies and management plans in the evaluation of antepartum, intra partum and postpartum patients.
 13. 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.
 14. Follow and assist 5 vaginal deliveries and appreciate dynamics of delivery.

Assessment Methods	Failure to sign in will be interpreted as absence; 20 % absence requires repeating the course, Attendance to clinics and compliance, Competency in Patient care, Case Presentations Paper/ Lecture presentations, Attitude during rounds are measured
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Clerkship Name	Psychiatry	MED 605
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 3 weeks

Theoretical Hours	-	Credit 4	ECTS 4
Practical Hours	90		
Study Hours	45		
TOTAL (Student Workload)	135		

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Faculty

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M.D., Assoc. Prof.

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M.D., Assoc. Prof.

Educational Methods	Case presentations and discussions Attendance at Outpatient clinics and observation Taking History and performing Mental State Examination of patients seen at the Emergence Department or on medical/surgical wards as part of the concept of Liaison Psychiatry
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Clerkship Aims

Psychiatric interns should aim to improve their skills of actively incorporating any mental health issues that they will come across in their clinical practice. They should be able to diagnose and treat simple psychiatric cases (such as depressive illness, anxiety disorders) at a primary care level and make referrals to secondary care accordingly. Furthermore they should be able to make a risk assessment for each patient (including psychiatric emergencies such as risk of suicide/homicide).

Clerkship Outcomes

- By the end of this clerkship, the students will be able to:
1. Describe the clinical presentation of common psychiatric disorders and summarize the major categories of psychiatric disorders, using ICD-10/ DSM V.
 2. Describe the pharmacological, psychological and other (e.g. ECT)treatment options for psychiatric patients, including the in dications, method of acitons and side effects.
 3. Describe what may constitute risk to self-suicide, self- harm, high risk behavior) and risk to and from others and can conduct a risk assessment.
 4. Take a full psychiatric history and carry outa mental state examination.
 5. Understand principles of immediate care in psychiatric emergencies which may occur in A & E and general medical settings.

Assessment Methods	Present a case which should include description of symptoms and mental state features, a etiological factors, medical/legal/family/substance misuse history, differential diagnoses, a plan of management, assessment of prognosis and risk assessment. Present a recently published research article in the field of Psychiatry improving your knowledge of statistics and methodology in medical research.
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Clerkship Name	Community Health and Primary Care	MED 606
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 8 weeks

Theoretical Hours	-	Credit 8	ECTS 10
Practical Hours	240		
Study Hours	120		
TOTAL (Student Workload)	360		

Clerkship Chairs

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Şirin PARKAN
M.D., Instructor

Yeşim YASİN
M.A, MSc. Ph.D., Assist. Prof.

Affiliated Faculty:

Field Trainers in Primary Health Care

Educational Methods	<ul style="list-style-type: none"> • Practice in family and community health centers and other community-based primary care institutions (e.g. hospices, elderly homes) • observation of patient journey and care trajectories by case analyses and discussions critical event analyses • structured tutor feed-back sessions • reflection sessions, peer education • site visits • seminars • journal clubs • student presentations • workshops • student research project
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Clerkship Aims

This community-based medical education program aims to provide an experiential learning-training environment for practice in primary healthcare institutions(e.g. Family Health Units-Centers, Community Health Centers, Tuberculosis Dispensaries, Local Health Authority, Occupational Health Units, Mother and Child Health Centers) to consolidate knowledge and skills regarding basic principles of community health and primary care-family medicine.

Clerkship Outcomes

- By the end of this clerkship, the students will be able to:
1. to manage primary contacts with patients, dealing with unselected problems,
 2. to co – ordinate care with other professionals in primary care and with other specialists,
 3. to act as an advocate for the patient with in the social security and health care system,
 4. to understand the financial and legal frameworks in which health care is given at practice level,
 5. to ad op ta person-centered approach in dealing with patients and problems in the context of the patient’s circumstances,
 6. to communicate, set priorities and actin partnership,
 7. to value the benefit of longitudinal continuity of care as determined by the needs of the patient (continuing and coordinated care management),
 8. to accept and manage complexity in clinical and ethical decision making,
 9. to relate specific decision making processes to the prevalence and incidence of illness in the community,
 10. 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,
 11. to observe the effectiveness of certain clinical working principles. e.g. incremental investigation, using time as a tool and to tolerate uncertainty,
 12. to intervene urgently when necessary,
 13. to manage conditions which may present early and in an undifferentiated way,
 14. to manage simultaneously multiple complaints and pathologies, both acute and chronic health problems in the individual,
 15. to promote health and well-being by applying health promotion and disease prevention strategies appropriately,
 16. to manage and coordinate health promotion, prevention, cure, care and palliation and rehabilitation,

17. to reconcile the health needs of individual patients and the health needs of the community in which they live in balance with available resources,
18. to analyze and discuss the impact of the local community, including socio-economic factors, geography and culture, on health, the workplace and patient care,
19. to use a bio-psycho-social model taking into account cultural and existential dimensions,
20. to investigate and design a strategy to control outbreaks-epidemics,
21. to calculate, interpret and use health indicators,
22. to observe and discuss services delivered by Community Health Centers (CHC/Toplum Sağlığı Merkezi-TSM),
23. to appraise the impact of policies, laws, and legislation on both, individual and population health,
24. to explain and practice the expanded Program on Immunization (EPI),
25. to outline the National Vaccination Program,
26. to define target groups of the EPI and also adulthood vaccination,
27. to calculate immunization rates, vaccination cover age and vaccine needs,
28. to practice cold chain and explain its importance,
29. to apply the basic principles of communicable disease control in community settings,
30. to name programs implemented by the Ministry of Health,
31. to evaluate the characteristics of the current health system at primary level health services,
32. to identify the environmental and occupational hazards, their role in health and discuss the control strategies of their effects,
33. to explain effects of migration on health,
34. to take a water sample and interpret analysis results,
35. to explain the how to plan healthcare services in disasters conditions/health emergencies,
36. to name and explain mode of action of modern family planning methods,
37. to counsel individuals for an informed choice regarding their reproductive health,
38. to educate communities for adopting a healthy life style.
39. To manage forensic cases in primary health care

Assessment Methods

Performance* assessment via;
 comprehensive case presentations and reports
 practice-based tutor feed-back (via standardized check-lists) to students
 'consultations with patients (and their families)
 assessment of student presentations (journal club, seminar and research project results)
 active attendance a sout lined in the Logbook



Clerkship Name	Emergency Medicine	MED 607
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 8 weeks

Theoretical Hours	-	Credit 8	ECTS 10
Practical Hours	240		
Study Hours	120		
TOTAL (Student Workload)	360		

Clerkship Chairs

Serpil YAYLACI <i>M.D., Assoc. Prof.</i> serpil.yaylaci@acibadem.edu.tr	Hasan ALDİNÇ <i>M.D., Instructor</i> hasan.aldinc@acibadem.edu.tr	Cem GÜN <i>M.D., Instructor</i> cem.gun@acibadem.edu.tr
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Faculty

Serpil YAYLACI <i>M.D., Assoc. Prof.</i>	Orhan ÇINAR <i>M.D., Assoc. Prof.</i>	Cem GÜN <i>M.D., Instructor</i>
Serkan ŞENER <i>M.D., Assoc. Prof.</i>	Süha TÜRKMEN <i>M.D., Assoc. Prof.</i>	Hasan ALDİNÇ <i>M.D., Instructor</i>
		Kamil KAYAYURT <i>M.D., Instructor</i>

Educational Methods	<ul style="list-style-type: none"> In the first 3 days of theme based simulation sessions, instructors play the role of patient's relatives to increase the stress factor of the situation. In the last 2 days, standardized patients are created by real actors and instructors and high-fidelity simulators are used together to improve communication skills and for crisis resource management training. To enhance the realism, real hospital documentation and laboratory tests are used, such as electrocardiogram, computed tomography and ultrasonography. For crisis resource management training, breaking bad news to agitated patient's relatives added to the Scenarios at busy ED. At the end of the each simulation session, debriefings are performed by watching their corded videos. According to their technical and nontechnical skills, participants are evaluated. Case Discussions (ECG, X-ray reading) Bed Side Training Department Lecture Day on Tuesdays Student presentations Education with smart phones (ECG WhatsApp group)
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Clerkship Aims	
	<ul style="list-style-type: none"> To provide the student with the opportunity to gain experience in assessing a wide range of clinical problems seen in a teaching hospital emergency department (ED); To improve student's; 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.

Clerkship Outcomes	
	<p>By the end of this clerkship, the students will be able to:</p> <ul style="list-style-type: none"> Consider the worst possible (life-threatening) conditions first. Take an accurate and concise history and physical exam in the undifferentiated patient. generate a comprehensive differential diagnosis in ED. Have technical skills in providing patient care in the ED. (e.g., CPR, intubation, defibrillation) have communication, collaboration, and Professional skills required for patient care in the ED. have an adequate skill of decision making on patient discharge and writing prescription

Assessment Methods	<p>Performance* assessment via;</p> <p>Portfolio; comprehensive case presentations and reports assessment of student presentations (journal club, seminar and bedside visit) active attendance as outlined in the logbook. Patient reports recorded by students (Approach to clinical management for cardinal symptoms(Chest pain, abdominal pain, shortness of breath, trauma, pediatric fever, vaginal bleeding, orthopedic injuries))</p> <p>Attendance to clinics and compliance, Mid rotation meeting practice-based tutor feed-back to identify strengths and opportunities</p> <p>(* Students are evaluated by staff attending emergency physicians with whom they have worked during the period. Criteria utilized to evaluate student's performance include the following: Patient care, medical knowledge, interpersonal and communication skills, Professionalism)</p>
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Clerkship Name	Simulated Clinical Practice	MED 608
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Clerkship Type	Compulsory
Medium of Instruction	English
Year / Duration	Year VI / 1 weeks

Theoretical Hours	-	Credit 1	ECTS 1
Practical Hours	45		
Study Hours	-		
TOTAL (Student Workload)	45		

Clerkship Chairs

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Feray GÜVEN
M.D., Instructor

Dilek KİTAPÇIOĞLU
M.D., Assist. Prof.

Erhan SAYALI
M.D., Instructor

Educational Methods	E- Learning Lectures Clinical Skills Practice on task trainers Simulation sessions with high-fidelity manikins in virtual hospital set-up Debriefing
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Clerkship Aims

This program aims to;
 improve basic clinical skills in a safe environment
 improve nontechnical skills for teamwork and crisis resource management
 bring in experience by practicing on high fidelity manikins in real-like hospital set -up for management of clinical problems that they will encounter frequently in real clinical conditions.

Clerkship Outcomes

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

1. state diagnostic and the therapeutic approach to;
2. Cardiopulmonary arrest
3. Periarrest arrhythmias
4. Acute coronary syndromes
5. Acute respiratory deficiencies
6. manage crisis situations:
7. Teamwork
8. Collaboration
9. Communication
10. Leadership
11. perform technical skills in providing patient care (Advanced airway management, defibrillation, lumbar puncture, diagnostic ultrasound, intra osseous access etc.)

Assessment Methods	Practice-based educator feed-back (via standardized check-lists) to students' performances on simulated difficult clinical situations OSCE
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