



*Our great ideal is to raise our nation to
highest standards of civilization and prosperity.*

K. Atatürk





Acıbadem University

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Faculty





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ABBREVIATIONS

Anatomy: ANA

Behavioral Sciences: BSC

Biochemistry: BCH

Biophysics: BPH

Biostatistics: BIS

Chemistry: CHE

Clinical Medicine & Professional Skills: CMPS

Family Medicine: FM

Histology and Embryology: HEM

History of Medicine & Ethics: HME

Medical Biology and Genetics: MBG

Microbiology: MCB

Physics: PHS

Physiology: PHY

Public Health: PH

Radiology: RAD

Sociology: SOC

MESSAGE FROM THE RECTOR



Dear Students,

Acibadem University School of Medicine is one of the youngest and competitive medical schools in Turkey.

What we aim is to strive to excellence while providing the essential knowledge, encouraging creativity and innovation.

Helping to develop the well educated, competent, sociable physician provided with the best of scientific knowledge, human values and leadership skills means for us to ameliorate the health conditions of our country and that of the world.

The way to success in medicine passes through curiosity, as a fire to motivation and organized work as a fuel to drive safely. Here at Acibadem School of Medicine, under the leadership of our staff- your mentors -you will gain knowledge, develop your skills, discover the fascinating world of research and cultivate yourself not only in the field of medicine but also in others areas indispensable for the modern intellectual graduate: mathematics, informatics, health economy, fine arts, foreign languages and many others!

The art of medicine has ever consisted of a system of apprenticeship where knowledge used to come from the teacher to the pupil. But it has now has expanded its borders to reach “self

directed learning!” We at Acibadem aim to do both: experience of masters is important but “self learning” is crucial.

During the entire period of the education our staff is ready to embrace you in the acquisition of knowledge, skills and attitude required to be a perfect “doctor”, in learning “how to learn “ and “how to make research” for future progress. All members of the medical school have a collective charge to ensure that every student has access to the best Acibadem University has to offer.

This is why the curriculum of our medical school has been meticulously prepared by our teaching staff. This program, based on an integrated approach to basic and clinical medicine, enriched by non professional courses and community based activities will certainly open a new pathway in the field of medical education. And yet, this program has to get mature by your impact.

Finally, we want every student to graduate, not just with outstanding professional qualifications and superb employability skills, but also as a broadly educated human being who will become tomorrow’s leader.

Prof. Dr. M. Necmettin Pamir
Rector

MESSAGE FROM THE DEAN

**MEDICAL EDUCATION AT
ACIBADEM SCHOOL OF MEDICINE:
A FUSION OF SCIENCE, CULTURE
AND HUMANISM**



Welcome to the Acibadem University School of Medicine! It is a privilege to be among the first students of our Medical School!

Education is a progressive discovery of our ignorance and medicine is nourished by an intensive desire to learn more, to know better. It is a vast field where you will explore your own universe and get to know the secrets human being at the same time.

Our aim at Acibadem School of Medicine is to educate the physician of the future by providing him/her with the ability to harmonize knowledge with wisdom, creativity with endeavor and professionalism with humanism.

Our intention is not to fill a bucket with lots of “junk” information, but to give the “essential”, the core, so that it matures into inspiration for research, competency for patient care and heart for public service. Thus we aim to provide insight and to give a light to the young, enthusiastic medical student who will in the future undertake the leadership to raise the health standards of his/her country.

Our curriculum consists of an integrated, rigorous program of basic science education with intensive clinical mentoring. The first years’ program consists of theoretical and practical courses fostering knowledge on the structure of human body and its functions. The first two semesters

program is based on subject committees where basic structures of the body are thought in a multidisciplinary way. A fusion of “Student centered learning” with a share of “Masters” experience is complimented by interactive modules where students play a major role. Since the harmony of medicine and technology is of vital importance nowadays, students are provided with a wide range of technical facilities through a block of bioinformatics lectures where information technology is used to teach, to record, to disseminate medical knowledge.

Finally, what makes the difference in our program is the “Clinical Medicine and Professional Skills” courses where practical skills will be developed on models and simulators but also on “real life” cases. This exciting part of the program is animated by communication skills, vignettes on ethics, first aid courses, cultural activities and a lot more! They are all worthwhile to live in and agreeable to learn.

Moreover, starting from the first weeks of the medical school life will run in the field: “from bench to bedside “and with a white gown!

Briefly, we are ready to be a coach to the young student and a light to the pathfinder in the medical school and all these in a very friendly sympathetic environment.

Prof. Dr. Nurdan Tözün
Acting Dean

OUR AIM, MISSION and VISION

A PROSPECTIVE LOOK TO THE FUTURE PHYSICIAN: KNOWLEDGE, INNOVATION, COMPETENCE

Medicine is a challenge and there is no excuse for an incomplete education in the medical field. A mediocre doctor is like a taupe: both leave earth moles in their back.

Our aim at Acıbadem 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 by continuous medical education and self development in order to assure the continued delivery of high quality medicine.

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

- Apply scientific principles and a multidisciplinary body of scientific knowledge to the diagnosis, management, and prevention of clinical problems.
- Accept variations in the expression, interpretation ,diagnosis and management of the diseases in the perspective of evidence based medicine
- Adhere strictly to ethical rules in his/her clinical practice and research activities
- Recognize the health problems of his/her country and global health issues in order to raise the health status and improve the lives of people in this country and around the world.
- Communicate diligently with the patients and their families in the best way to explain their illness, to apply treatment and to raise awareness about diseases in the community
- Become leaders in the country in terms of managing healthcare institutions in the most cost effective way
- Pursue research, understand basic mechanisms of diseases, gather accurately the data and apply scientific evaluation in research and clinical decision making
- Learn how to teach, how to be a mentor, a coach , a facilitator in medical education
- Adopt lifelong learning principles in research, education and patient care
- Analyze the social determinants of health, the impact of various social, economical and cultural factors which might affect health conditions
- Serve beyond the boundaries of his/her country, contribute to the global health issues and apply international standards in his/her daily practice
- Gain information about the cultural treasures of his/her country and those of the world in order to educate future generations about how to preserve them properly.

Our mission is to create the physician of integrity with a life-long commitment to our guiding principles of high quality service, mentoring and philanthropy while providing the best healthcare

Our vision is to figure among the top medical schools in Europe with high universal standards and an internationally accredited education program.

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

In the way to success in creating the perfect physician of the future, we count primarily on the academic qualifications of our staff, the innovations in our education program and the enthusiasm of our students who have preferred our Faculty to pursue their studies.



ACADEMIC UNITS

DEPARTMENT OF BASIC SCIENCES

Head: Beyazıt Çırakoğlu, Ph.D., Prof.

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

DEPARTMENT OF MEDICAL SCIENCES

Head: İsmail Hakkı Ulus, M.D., Ph.D., Prof.

- Department of Cardiology
- Department of Chest Diseases
- Department of Child Psychiatry
- Department of Dermatology
- Department of Family Medicine
- Department of Forensic Medicine
- Department of Infectious Diseases and Microbiology
- Department of Internal Medicine
- Department of Medical Pharmacology
- Department of Neurology
- Department of Nuclear Medicine
- Department of Pediatrics
- Department of Physical Medicine and Rehabilitation
- Department of Psychiatry

- Department of Public Health
- Department of Radiation Oncology
- Department of Radiology

DEPARTMENT OF SURGICAL SCIENCES

Head: Metin Türkmen, MD, Prof.

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

ADMINISTRATION

- RECTOR** : M. Necmettin PAMİR, M.D., Professor of Neurosurgery
- VICE RECTOR** : Nurdan TÖZÜN, M.D., FRCP, Professor of Internal Medicine and Gastroenterology
- VICE RECTOR** : İrfan GÜNEY, BSc., Ph.D., Prof. of Electrical Engineering
- ACTING DEAN** : Nurdan TÖZÜN, M.D., FRCP, Professor of Internal Medicine and Gastroenterology
- VICE DEAN** : Hasan TANYERİ, M.D., Associate Professor of Otolaryngology



FACULTY SECRETARY

Semra ÖZTÜRK



OFFICE OF STUDENT AFFAIRS

Seda TEZKAN (Chief)

Emine KAYNAR

Hafize GÖZLÜKLÜ



CURRICULAR DEVELOPMENT COMMITTEE

Nurdan TÖZÜN, M.D., Prof.

Zeynep GÜVEN, M.D., Prof.

İsmail Hakkı ULUS, M.D., Ph.D., Prof.

Tanıl KOCAGÖZ, M.D., Ph.D., Prof.

Aydın SAV, M.D., Prof.

Hasan TANYERİ, M.D., Assoc. Prof.

Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.



Curriculum Development Committee at work !

COORDINATORS OF THE EDUCATION

YEAR 1 COORDINATORS:

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

YEAR 2 COORDINATORS:

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

YEAR 3 COORDINATORS:

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

CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) COORDINATORS:

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Pınar TOPSEVER, M.D., Assoc. Prof.

LABORATORY COORDINATORS:

Aysel ÖZPINAR, D.V.M., Ph.D., Prof.
Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.

MEDICAL ENGLISH COORDINATOR:

Beyhan AYTEKİN

MEDICAL INFORMATICS COORDINATORS:

Hülya KARAYAZI
Alp ÇAKAR

YEAR 1 COMMITTEE CHAIRS

COMMITTEE I CHAIRS:

Beyazıt ÇIRAKOĞLU, Ph.D., Prof.
Şule ÖNCÜL, Ph.D., Assist. Prof.

COMMITTEE II CHAIRS:

Beki KAN, Ph.D., Prof.
Ender ALTIOK., M.D., Ph.D., Assoc. Prof.

COMMITTEE III CHAIRS:

İbrahim ÜNSAL, M.D., Ph.D., Assoc. Prof.
Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof.

COMMITTEE IV CHAIRS:

Aymelek YALIN, Ph.D., Prof.
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YEAR 2 COMMITTEE CHAIRS

COMMITTEE I CHAIRS:

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YEAR 3 COMMITTEE CHAIRS

COMMITTEE I CHAIRS:

Sinan DAĞDELEN, M.D., Assoc. Prof.

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

COMMITTEE II CHAIRS:

Aydın SAV, M.D., Prof.

Murat SARUÇ, M.D., Assoc. Prof.

COMMITTEE III CHAIRS:

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Özlem SEZGİN, M.D., Assist. Prof.

COMMITTEE IV CHAIRS:

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COMMITTEE V CHAIRS:

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ACADEMIC STAFF (FIRST YEAR)

ANATOMY:

Aymelek YALIN, Ph.D., Prof.

ATATÜRK'S PRINCIPLES & HISTORY OF REVOLUTION:

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BEHAVIORAL SCIENCES:

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HISTOLOGY & EMBRYOLOGY:

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HISTORY OF MEDICINE & ETHICS:

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MEDICAL BIOCHEMISTRY:

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MEDICAL BIOLOGY:

Beyazıt ÇIRAKOĞLU, Ph.D., Prof.
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MEDICAL MICROBIOLOGY :

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NURSING DEPARTMENT:

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PUBLIC HEALTH:

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TURKISH LANGUAGE & LITERATURE:

Hülya DÜNDAR ŞAHİN, Ph.D., Instructor.

AFFILIATED FACULTY

ANATOMY:

Jasna GÜRBÜZ, M.D., Ph.D.

BIOSTATISTICS:

Murat ÇİNKO, Ph.D., Assist. Prof.

FIRST AID:

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Tamer ORUÇ, M.D.

HEALTH AND DRAMA:

Şirin PARKAN, MD.
Çağrı KALAÇA, M.D. (Invited Lecturer)
Şahika TEKAND (Invited Lecturer)

HISTORY OF ART:

Haldun HÜREL

HISTORY OF MEDICINE & ETHICS:

Yaman ÖRS, M.D., Prof. (Invited Lecturer)

MEDICAL INFORMATICS:

Cem ALBAYRAK
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İnci USER, Ph.D. Assoc. Prof.

LABORATORY ASSISTANTS:

Sinem ÖKTEM, Biologist, MSc.
Nihan AYTEKİN, Biologist
Yusuf YILDIZ



LIBRARY

Murat GÜNDOĞDU

All the references in the library of Acıbadem University are cataloged and classified according to world wide scientific systems. For cataloguing, **Anglo American Cataloguing Rules 2** and for classification, **Library of Congress (LC) and National Library of Medicine (NLM)** are used in our system. All publications are transferred to YORDAM library program in order to provide searching through internet.

The library of Acıbadem University has more than 7000 book collections and over 1000 serial publications. Besides these, many important databases are available online for the fast and effective use of students and faculty, as well as external library users.

MEDICAL EDUCATION PROGRAM OUTLINE

YEAR 1: INTRODUCTION TO BASIC MEDICAL SCIENCES: THE CELL

YEAR 2: STRUCTURE & FUNCTION OF HUMAN BODY, PATHOLOGIES & SYSTEMS

YEAR 3: DISEASES, PATHOLOGIES & SYSTEMS

YEAR 4: CLINICAL SCIENCES, DIAGNOSIS & THERAPY/ CLERKSHIP

YEAR 5: CLINICAL SCIENCES, DIAGNOSIS & THERAPY/ CLERKSHIP

YEAR 6: INTERNSHIP/ FAMILY MEDICINE

YEAR 1

INTRODUCTION TO BASIC MEDICAL SCIENCES :THE CELL

From Molecule to Cell

From Cell to Tissue

From Tissue to Organ

Body Function and Human Behavior

MEDICAL INFORMATICS, MEDICAL ENGLISH, ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION, TURKISH LANGUAGE AND LITERATURE, ELECTIVE COURSES

CLINICAL MEDICINE AND PROFESSIONAL SKILLS ENRICHMENT LECTURES

YEAR 2

STRUCTURE AND FUNCTIONS OF HUMAN BODY

Cell And Tissue Injury I

Cell And Tissue Injury II

Systems and related disorders

Systems and related disorders

Systems and related disorders

MEDICAL INFORMATICS, MEDICAL ENGLISH, ELECTIVE COURSES

CLINICAL MEDICINE AND PROFESSIONAL SKILLS ENRICHMENT LECTURES

YEAR 3

SYSTEMS AND PATHOLOGIES

**Systems
and related
disorders**

**Systems
and related
disorders**

**Systems
and related
disorders**

**Systems
and related
disorders**

**Systems
and related
disorders**

MEDICAL ENGLISH

CLINICAL MEDICINE AND PROFESSIONAL SKILLS ENRICHMENT LECTURES

YEAR 4 AND 5 CLINICAL CLERKSHIP

YEAR 6 INTERNSHIP

GENERAL DESCRIPTION OF MEDICAL EDUCATION PROGRAM

In Acıbadem University, School of Medicine, the language of education is English. Students who gain admission to Acıbadem University School of Medicine must fulfill the English Language Proficiency Requirement. Following English proficiency examination, students whose level of English is inadequate must attend one year preparatory class in English and has to repeat the proficiency examination. The students who fail for the second time will be dropped from the program.

- Medical education in Acıbadem University School of Medicine consists of 3 phases:
 - Phase I as Year 1, Year 2 and Year 3 (**preclinical training**)
 - Phase II as Year 4 and Year 5 (**clinical training**)
 - Phase III as **undergraduate internship** for Year 6

The education in Acıbadem University School of Medicine is based on an integrated teaching approach. In this program, systems within the human body are taught from the simplest units to more complex systems in subject committees. Groups of subject committees form a whole curriculum for a given year in Phase I.

“Subject committee” terms means that topics related to the curriculum of a given year are taught in a coordinated manner by different departments. These committees contain both theoretical lectures and practical studies.

- In Phase I curriculum consists of subject committees:
 - In Year 1 four subject committees take place whereas in Year 2 and Year 3, five subject committees exist.

- During the first three years, integrated programs will provide the equal participation of basic and clinical sciences to teach a particular organ system. As an example, the gastrointestinal system will be taught in all aspects by basic sciences and clinical sciences contributions.

- First year program in Phase I medical education implicates **an introduction to basic medical sciences** by investigating all aspects of the cell whereas second and third years provide an understanding of both **structure and functions of human body with systems and pathology**.

- In Phase I, **interactive modules** are organized as small study groups as a part of subject committees. In this program, running parallelly to subject committees, students work in small groups under the guidance of a tutor. Students analyze the cases to acquire self-learning skills.

- **Clinical Medicine and Professional Skills** is a three-year interdisciplinary program of Phase I. This course is mainly organized by the Departments of Public Health and Family Medicine. This program is composed of five tracks: Communication skills, Health and Society, Research in Health, Clinical Skills, and Medical Humanities. The CMPS program has been designed as an initial introduction to medical professionalism, providing a knowledge and skills-mix tool box. It aims to facilitate basic professional skills and competencies necessary for good medical practice as well as, to enhance personal and social development, fostering intellectual skills and humanistic values.

Enhancing 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 holistic approach).

- Year 4 and Year 5 comprise the **clinical training** in hospital. Teaching staff of clinical departments supervise the students to work on a full-time basis. This clerkship periods include history taking, physical examinations and follow-up of patients as well as bedside practice, lectures and seminars.
- Year 6 is **undergraduate internship period** during twelve months. The interns take the responsibility of patient care under the supervision of teaching staff. This period also includes case discussions, seminars and conferences. Department of Public Health organizes 2 month-periods of training in rural centers for internship education.

EXAMINATIONS

- In Phase I, students must attend to theoretical and practical examinations at the end of each subject committee. Interactive modules and Clinical Medicine and Professional Skills courses are evaluated according to performance evaluation criteria.
- Phase I students must attend to a Comprehensive Examination at the end of year.
- Make-up examinations for different subject committees could be organized before the

Comprehensive Examination in case of presence of excused students, upon the approval of Executive Committee of the Faculty.

In case of failure of Comprehensive Examination, students should have to attend Repeat Examination, just before the beginning of new academic year.

For Year 4 and Year 5, students must attend to theoretical and practical examinations at the end of each clerkship period. A Repeat Examination could be arranged for excused students.

GRADING SYSTEM

- 60% of average subject committee and 40 % of comprehensive examination or repeat examination makes the passing grades for Phase I.
- In Phase I, students with a grade of 70 or over do not have to attend the Comprehensive Examination (arbitrary).
- For Phase II, passing grades are calculated up of an average of clerkship examination grades.

CREDITS

- There are two types of credit systems; Local and European Credit Transfer System credits (ECTS). One theoretical hour or two practical hours per week account for one local credit. At each committee, every 14 theoretical hours or 28 practical hours are assigned one credit. ECTS credits are calculated based on students' workload (featuring theoretical, practical hours and study time) where 27 hours account for one credit.

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 five basic tracks (**Communication Skills, Clinical Skills, Health and Society, Medical 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 a certificate course of “**First Aid**” in year I.

Summary of the tracks:

The “**Clinical Skills**” track will provide the students with opportunities to acquire procedural skills and to develop competency in history taking and physical examination techniques in a

standardized fashion under faculty guidance and supervision. Students will train basic procedural skills like venipuncture on models and clinical skills like history taking and physical examination via simulated patient encounters and on models. This standardized simulated training environment is devoid of any risk of doing harm or interfering with real-life medical practice, thus, meeting international quality standards in medical education.

The activities within the “**Medical Humanities**” track will foster the students’ ability to comprehend health and disease in relation with all contributing environmental and societal factors, to perceive health as a human right and to develop a proactive responsibility for equity in health and to adopt a bio-psycho-social approach to the individual.

Implementing the range of traditional humanities disciplines—philosophy, history, literature, the arts—into this track of the CMPS program 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. To ensure comprehensiveness topics in this track will be cross-linked to medical ethics and behavioral sciences, as well.

The “**Communication Skills**” track starts with an overview about the concept and tools of communication in general and their importance in the practice of the medical profession, in specific. Finally, the 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. Also, an emphasis is given to communication of the physician with society in health education activities and public health campaigns.

The “**Health and Society**” track 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 with early contact to 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 system in different countries enabling them for comparison with the Turkish health care system.

The “**Research in Health**” track encompasses 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 equip scientific curiosity with an analytic approach and research know-how.

Finally, at the end of the third year, the CMPS program features a one week “**Comprehensive Medical Practice**” track, where the students

will be required to combine basic skills and professional competencies gained during the previous three years to a comprehensive performance in simulated “real-life” situations.

Targeted Outcomes:

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 holistic approach).

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 analytic reasoning and to facilitate 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 moral standards (i.e. the physician as a good clinician, good researcher, good manager, humanist and role model of integrity, honesty and probity)

- to provide the 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.

Learning outcomes of the program:

To acquire;

- Basic professional and clinical skills (first aid, basic procedures, history taking and physical examination)
- Knowledge about epidemiology
- Basic research skills
- Effective and patient-centered clinical communication skills
- Insight into the relationship of health with societal, political and environmental factors
- Awareness about the importance of principles of ethical conduct and humanities for high quality standards of medical care and health care provision
- Competencies of a comprehensive and bio-psycho-social approach to individuals and their health conditions
- Awareness of the responsibilities and boundaries of the medical profession
- The sense of responsibility for- and a proactive attitude to contribute to the principle of health as a right and equity in health care

Training and Learning Methods:

The CMPS program adopts a student-centered, practice and community-based and experiential learning approach where the students will be required to actively involve in the learning process at all times.

Blended learning methodology with task-based and problem-based learning, practical skills laboratory exercises, simulated patients, role playing, site visits, group assignments, brain storming, group presentations and discussions, reflective and peer group learning experiences, e-learning and self-directed learning sessions will be used.

Assessment and Evaluation Methods:

Evaluation methodology will be in accordance with the aims and teaching and learning methodology used. Log-books, standardized evaluation of group presentations of assignments and projects or performances, OSCEs (Objective Structured Clinical Examinations e.g. via standardized patient encounters) and OSPEs (Objective Structured Practical Examinations e.g. via standardized, double-blinded evaluation of performed procedures), oral and written examinations, structured observation reports, presentation of research projects-results at symposia and/or conferences, published papers, essays, structured feed-back forms.



2009-2010 ACADEMIC CALENDAR

FALL SEMESTER

Beginning of Committee I Courses	October 5, 2009
End of Committee I Courses	November 20, 2009
Committee I Examination	November 24-25, 2009
Beginning of Committee II Courses	December 1, 2009
End of Committee II Courses	January 22, 2010
Committee II Examination	January 27-28, 2010
Semester Break	January 29-February 15, 2010

SPRING SEMESTER

Beginning of Committee III Courses	February 15, 2010
End of Committee III Courses	April 9, 2010
Committee III Examination	April 13-14, 2010
Beginning of Committee IV Courses	April 15, 2010
End of Committee IV Courses	June 11, 2010
Committee IV Examination	June 16-17, 2010
Final Examination	July 2, 2010
Announcement of Examination Scores	July 9, 2010
Religious Holidays	November 27-30, 2009
Holidays	October 29, 2009
	January 1, 2010
	March 14, 2010
	May 19, 2010
	April 23, 2010

YEAR 1 CURRICULUM

COMMITTEE I

Cellular Basis of Medicine

COMMITTEE II

From Cell to Tissue / From Tissue to Organ

COMMITTEE III

Cellular Transport and Metabolism

COMMITTEE IV

Body Functions and Human Behavior



"Figgins, control yourself and sit down!"

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ACIBADEM
UNIVERSITY
SCHOOL OF MEDICINE

2009 - 2010
YEAR 1 COMMITTEE I
Cellular Basis of Medicine
05.10.2009 - 25.11.2009

COMMITTEE I OUTLINE

Cellular Basis of Medicine

COURSES	Theoretical Hour			Practical Hour			Study Time	TOTAL
	Lectures	IALS	SUB-TOTAL	Lab Study	Field Study	SUB-TOTAL		
Behavioral Sciences	8		8			0	20	28
Biophysics	4		4			0	7	11
Chemistry	18		18			0	25	43
Histology & Embryology	4		4	3		3	7	14
History of Medicine & Ethics	11		11			0	17	28
Medical Biology & Genetics	26		26	3		3	37	66
Medical Informatics	5		5	25		25		30
Physics	4		4			0	7	11
CMPS: Communication skills-I		15	15	15		15	22	52
Introduction to Interactive Module		4	4			0	5	9
TOTAL	80	19	99	46	0	46	147	292

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

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

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

Study Time Self Directed Learning, Preparation

YEAR 1 COMMITTEE I

COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	99	Credit	ECTS
			Practical (Hour)	46		
Cellular Basis of Medicine	MED 101	Fall	Study time (Hour)	147	9	11

Pre-requirement	None
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Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committee Chairs	Prof. Beyazıt Çırakoğlu; beyazit.cirakoglu@acibadem.edu.tr Assist. Prof. Şule Öncül; sule.oncul@acibadem.edu.tr

Academic Units & Staff	<p>Behavioral Sciences: Kültegin ÖGEL, M.D., Assoc. Prof. Cem İNCESU, M.D., Assoc. Prof. Defne ERASLAN, M.D., Assist. Prof.</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Chemistry: Mert ÜLGEN., Ph.D., Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof.</p> <p>History of Medicine & Ethics: Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Medical Biology: Beyazıt ÇIRAKOĞLU, Ph.D., Prof. Ender ALTIOK, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof.</p> <p>Physics: Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof.</p> <p>Affiliated Faculty</p> <p>History of Medicine & Ethics: Yaman ÖRS, M.D., Prof. (Invited Lecturer)</p> <p>Medical Informatics: Cem ALBAYRAK Erhan AYATA</p>
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Course Duration	8 weeks
Educational Methods	Theoretical and Practical Courses, Discussions, Field Studies, Seminars
Evaluation Methods	Theoretical and Practical Examinations, Homeworks, Presentations, Discussions, Skills, Performance Based Assessment, OSCEs (Objective Structured Clinical Examinations)
Course Aims	This subject committee aims to provide necessary knowledge about the basic functional structure of a cell including its building blocks and organelles and its replication processes. Basic information about the origin of life and heredity together with knowledge about flow of genetic information, genetic diseases, and gene therapy will be explained. Topics related to genetic and biological basis of human behavior, history of medicine, essentials of biostatistics and medical informatics will be defined.
Learning Outcomes	<p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> • define the cell at ultrastructural level • make correlation between organelle ultrastructure and its function • acquire the knowledge and skills necessary to define and identify biochemical and the structural elements of different cells • explain the cell division process • compare the structural differences between single and multicellular organisms • describe DNA replication and repair, RNA and protein synthesis • explain the molecular mechanisms of genetic inheritance • define mutations, polymorphisms and chromosomal anomalies • summarize the biological behavior including brain models of mind • gain knowledge about the history of medicine and important discoveries in the medical field • summarize informations about basic computer hardware and operating systems



ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

PRACTICAL EXAMINATION

24.11.2009

THEORETICAL EXAMINATION

25.11.2009

COMMITTEE I SCHEDULE

05.10.2009 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:00 – 11:00	Opening Ceremony	
11:00 – 12:00	Opening Lecture	Prof. Dr. M. Necmettin Pamir
14:00 – 15:00	Orientation	
15:00 – 16:00	Orientation	
16:00 – 17:00	Orientation	

06.10.2009 TUESDAY		
08:30 – 09:10	Orientation	
09:20 – 10:00	Orientation	
10:10 – 10:50	Orientation	
11:00 – 11:40	Orientation	
11:50 – 12:30	Orientation	
13:30 – 14:10	Orientation	
14:20 – 15:00	Orientation	
15:10 – 15:50	Orientation	
16:00 – 16:40	Orientation	

07.10.2009 WEDNESDAY		
08:30 – 09:10	Introduction to the Course	Beyazıt Çırakoğlu
09:20 – 10:00	Introduction to History of Medicine	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Introduction to Human Psychology and Behavioral Sciences	Cem İncesu (BSC)
11:00 – 11:40	Origin of Life	Beyazıt Çırakoğlu (MBG)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

08.10.2009 THURSDAY		
08:30 – 09:10	Introduction to CMPS	Nadi Bakırcı, Pınar Topsever
09:20 – 10:00	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
10:10 – 10:50	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:00 – 11:40	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:50 – 12:30	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
13:30 – 14:10	Basic Computer Hardware Informations	Cem Albayrak (MI)
14:20 – 15:00	Basic Computer Hardware Informations	Cem Albayrak (MI)
15:10 – 15:50		
16:00 – 16:40		

09.10.2009 FRIDAY		
08:30 – 09:10	Nucleic Acids (DNA and RNA)	Beyazıt Çırakoğlu (MBG)
09:20 – 10:00	Genes and Heredity	Beyazıt Çırakoğlu (MBG)
10:10 – 10:50	Cell Organelles and Inclusions at Light and Electron Microscopic Level	Serap Arbak (HEM)
11:00 – 11:40	Cell Organelles and Inclusions at Light and Electron Microscopic Level	Serap Arbak (HEM)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

12.10.2009 MONDAY		
08:30 – 09:10	Vectors, Forces, Newton's Laws	Şule Öncül (PHS)
09:20 – 10:00	Vectors, Forces, Newton's Laws	Şule Öncül (PHS)
10:10 – 10:50	Cell Cycle	Ender Altuok (MBG)
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

13.10.2009 TUESDAY		
08:30 – 09:10	LAB: Cell Types	HISTOLOGY
09:20 – 10:00	LAB: Cell Types	HISTOLOGY
10:10 – 10:50	History of Psychology and Psychiatry	Kültegin Ögel (BSC)
11:00 – 11:40	History of Psychology and Psychiatry	Kültegin Ögel (BSC)
11:50 – 12:30	Introduction to Biophysics	Beki Kan (BPH)
13:30 – 14:10	Basic Computer Hardware Informations	Cem Albayrak (MI)
14:20 – 15:00	Basic Computer Hardware Informations	Cem Albayrak (MI)
15:10 – 15:50	Basic Computer Hardware Informations	Cem Albayrak (MI)
16:00 – 17:30	Elective Course I	

14.10.2009 WEDNESDAY		
08:30 – 09:10	Main Scope and Aims of the History of Medicine	Yeşim Işıl Ülman (HME)
09:20 – 10:00	DNA Replication	Cemaliye Akyerli Boylu (MBG)
10:10 – 10:50	DNA Repair and Recombination	Cemaliye Akyerli Boylu (MBG)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
15:10 – 15:50		
16:00 – 16:40		

15.10.2009 THURSDAY		
08:30 – 09:10	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
09:20 – 10:00	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
10:10 – 10:50	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:00 – 11:40	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:50 – 12:30	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
13:30 – 14:10	Basic Operating Systems Informations	Cem Albayrak (MI)
14:20 – 15:00	Basic Operating Systems Informations	Cem Albayrak (MI)
15:10 – 15:50		
16:00 – 16:40		

16.10.2009 FRIDAY		
08:30 – 09:10	Introduction to Inorganic Chemistry in Medicine	Mert Ülgen (CHE)
09:20 – 10:00	Introduction to Inorganic Chemistry in Medicine	Mert Ülgen (CHE)
10:10 – 10:50	DNA Packaging and Cell Division Kinetics	Cemaliye Akyerli Boylu (MBG)
11:00 – 11:40	Nucleus and Cell Division	Serap Arbak (HEM)
11:50 – 12:30	Nucleus and Cell Division	Serap Arbak (HEM)
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

19.10.2009 MONDAY

08:30 – 09:10	Inorganic Nomenclature : Naming of Inorganic Compounds	Mert Ülgen (CHE)
09:20 – 10:00	Inorganic Nomenclature : Naming of Inorganic Compounds	Mert Ülgen (CHE)
10:10 – 10:50	Atoms, Molecules and Matter	Beki Kan (BPH)
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

20.10.2009 TUESDAY

08:30 – 09:10	Introduction to Genetics	Beyazıt Çırakoğlu (MBG)
09:20 – 10:00	Fundamentals of Mendelian Genetics	Beyazıt Çırakoğlu (MBG)
10:10 – 10:50	Culture and Behavior	Defne Eraslan (BSC)
11:00 – 11:40	LAB: Nucleus and Cell Division	HISTOLOGY
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Basic Operating Systems Informations	Cem Albayrak (MI)
14:20 – 15:00	Basic Operating Systems Informations	Cem Albayrak (MI)
15:10 – 15:50	Basic Operating Systems Informations	Cem Albayrak (MI)
16:00 – 17:30	Elective Course I	

21.10.2009 WEDNESDAY

08:30 – 09:10	Primitive Medicine - The Concept of Disease	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Multifactorial Inheritance	Ender Altuok (MBG)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
15:10 – 15:50		
16:00 – 16:40		

22.10.2009 THURSDAY

08:30 – 09:10	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
09:20 – 10:00	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
10:10 – 10:50	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:00 – 11:40	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:50 – 12:30	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
13:30 – 14:10	Basic Operating Systems Informations	Cem Albayrak (MI)
14:20 – 15:00	Basic Operating Systems Informations	Cem Albayrak (MI)
15:10 – 15:50		
16:00 – 16:40		

23.10.2009 FRIDAY

08:30 – 09:10	Work, Energy and Power	Şule Öncül (PHS)
09:20 – 10:00	Work, Energy and Power	Şule Öncül (PHS)
10:10 – 10:50	Metals and Ametals in Living Organism	Mert Ülgen (CHE)
11:00 – 11:40	Acids, Bases and Salts. Ionisation, pH	Mert Ülgen (CHE)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

26.10.2009 MONDAY

08:30 – 09:10	Mixtures and Physical Systems in Chemistry	Mert Ülgen (CHE)
09:20 – 10:00	Concentration Units and Important Analytical Calculations in Medicine	Mert Ülgen (CHE)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

27.10.2009 TUESDAY

08:30 – 09:10	Flow of Genetic Information	Cemaliye Akyerli Boylu (MBG)
09:20 – 10:00	Transcription	Cemaliye Akyerli Boylu (MBG)
10:10 – 10:50	Translation	Cemaliye Akyerli Boylu (MBG)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Basic Operating Systems Informations	Cem Albayrak (MI)
14:20 – 15:00	Basic Operating Systems Informations: Windows Vista Basic Features	Cem Albayrak (MI)
15:10 – 15:50	Basic Operating Systems Informations: Windows Vista Basic Features	Cem Albayrak (MI)
16:00 – 17:30	Elective Course I	

28.10.2009 WEDNESDAY

08:30 – 09:10	Medicine in Ancient Civilizations	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Contribution of Ancient China and India	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Mutations and Polymorphisms	Cemaliye Akyerli Boylu (MBG)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

29.10.2009 THURSDAY

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

30.10.2009 FRIDAY

08:30 – 09:10	Chromosome Structure, Function and Anomalies	Ender Altıok (MBG)
09:20 – 10:00	Chromosome Structure, Function and Anomalies	Ender Altıok (MBG)
10:10 – 10:50	Radioactivity, Atomic Structure, Atomic Number	Mert Ülgen (CHE)
11:00 – 11:40	The importance of Radioactivity in Medicine, Isotopes	Mert Ülgen (CHE)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	His	
16:00 – 16:40		

02.11.2009 MONDAY

08:30 – 09:10	Introduction to Organic Chemistry	Mert Ülgen (CHE)
09:20 – 10:00	Classification, General Terms, Bonds, Properties of Organic Compounds	Mert Ülgen (CHE)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

03.11.2009 TUESDAY

08:30 – 09:10	Tools of Molecular Biology & Genetics	Cemaliye Akyerli Boylu (MBG)
09:20 – 10:00	Tools of Molecular Biology & Genetics	Cemaliye Akyerli Boylu (MBG)
10:10 – 10:50	Basic Functional Structure of Tissues	Beki Kan (BPH)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Basic Operating Systems Informations: Windows Vista Basic Features	Cem Albayrak (MI)
14:20 – 15:00	Basic Operating Systems Informations: Windows Vista Basic Features	Cem Albayrak (MI)
15:10 – 15:50	Basic Operating Systems Informations: Windows Vista Basic Features	Cem Albayrak (MI)
16:00 – 17:30	Elective Course I	

04.11.2009 WEDNESDAY

08:30 – 09:10	Greek Medicine: Physicians, Priests, Philosophers	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Hippocratic Medicine and His Followers	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
15:10 – 15:50		
16:00 – 16:40		

05.11.2009 THURSDAY

08:30 – 09:10	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
09:20 – 10:00	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
10:10 – 10:50	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:00 – 11:40	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:50 – 12:30	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
13:30 – 14:10	Basic Operating Systems Informations: Windows Vista Basic Features	Cem Albayrak (MI)
14:20 – 15:00	Basic Operating Systems Informations: Windows Vista Basic Features	Cem Albayrak (MI)
15:10 – 15:50	Special Topics: The way to turn Science into Useful Products	Tanıl Kocagöz
16:00 – 16:40	Special Topics: The way to turn Science into Useful Products	Tanıl Kocagöz

06.11.2009 FRIDAY

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

09.11.2009 MONDAY

08:30 – 09:10	Usage of Hydrocarbones in Medicine	Mert Ülgen (CHE)
09:20 – 10:00	Usage of Hydrocarbones in Medicine	Mert Ülgen (CHE)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

10.11.2009 TUESDAY

08:30 – 09:10	LAB: Detection of Nucleic Acids	MEDICAL BIOLOGY& GENETICS
09:20 – 10:00	LAB: Detection of Nucleic Acids	MEDICAL BIOLOGY& GENETICS
10:10 – 10:50	LAB: Detection of Nucleic Acids	MEDICAL BIOLOGY& GENETICS
11:00 – 11:40	Genetics and Biology of Behavior	Defne Eraslan (BSC)
11:50 – 12:30	Genetics and Biology of Behavior	Defne Eraslan (BSC)
13:30 – 14:10	Office: Word	Erhan Ayata (MI)
14:20 – 15:00	Office: Word	Erhan Ayata (MI)
15:10 – 15:50	Office: Word	Erhan Ayata (MI)
16:00 – 17:30	Elective Course I	

11.11.2009 WEDNESDAY

08:30 – 09:10	Medieval Medicine	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Medieval Medicine	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Viruses, Plasmids, Transposable Genetic Elements	Ender Altuok (MBG)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
15:10 – 15:50	Introduction: Main Scope and Aims in view of Methodology	Yaman Örs (Conference)
16:00 – 16:40	Introduction: Main Scope and Aims in view of Methodology	Yaman Örs (Conference)

12.11.2009 THURSDAY

08:30 – 09:10	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
09:20 – 10:00	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
10:10 – 10:50	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:00 – 11:40	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:50 – 12:30	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
13:30 – 14:10	Office: Word	Erhan Ayata (MI)
14:20 – 15:00	Office: Word	Erhan Ayata (MI)
15:10 – 15:50	Philosophy and Philosophies in view of Methodology (Conference)	Yaman Örs (Conference)
16:00 – 16:40	Philosophy and Philosophies in view of Methodology (Conference)	Yaman Örs (Conference)

13.11.2009 FRIDAY

08:30 – 09:10	Role of Carbon Containing Functional Groups in Medicine	Mert Ülgen (CHE)
09:20 – 10:00	Role of Carbon Containing Functional Groups in Medicine	Mert Ülgen (CHE)
10:10 – 10:50	Population Genetics	Cemaliye Akyerli Boylu (MBG)
11:00 – 11:40	Population Genetics	Cemaliye Akyerli Boylu (MBG)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

16.11.2009 MONDAY

08:30 – 09:10	Role of Nitrogen Containing Functional Groups in Medicine	Mert Ülgen (CHE)
09:20 – 10:00	Role of Nitrogen Containing Functional Groups in Medicine	Mert Ülgen (CHE)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

17.11.2009 TUESDAY

08:30 – 09:10	Genetic Diseases	Ender Altıok (MBG)
09:20 – 10:00	Genetic Diseases	Ender Altıok (MBG)
10:10 – 10:50	Brain Models of Mind	Kültegin Ögel (BSC)
11:00 – 11:40	Brain Models of Mind	Kültegin Ögel (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Office: Excel	Erhan Ayata (MI)
14:20 – 15:00	Office: Excel	Erhan Ayata (MI)
15:10 – 15:50	Office: Excel	Erhan Ayata (MI)
16:00 – 17:30	Elective Course I	

18.11.2009 WEDNESDAY

08:30 – 09:10	Renaissance Medicine I	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Renaissance Medicine II	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Cancer Genetics	Beyazıt Çırakoğlu (MBG)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

19.11.2009 THURSDAY

08:30 – 09:10	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
09:20 – 10:00	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
10:10 – 10:50	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:00 – 11:40	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
11:50 – 12:30	CMPS: Communication Skills I	P. Topsever, E. Onganer, D. Dinç (FM)
13:30 – 14:10	Office: Excel	Erhan Ayata (MI)
14:20 – 15:00	Office: Excel	Erhan Ayata (MI)
15:10 – 15:50		
16:00 – 16:40		

20.11.2009 FRIDAY

08:30 – 09:10	Water as a Living Environment	Beki Kan (BPH)
09:20 – 10:00	Pharmacogenetics	Cemaliye Akyerli Boylu (MBG)
10:10 – 10:50	Gene Therapy	Cemaliye Akyerli Boylu (MBG)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

23.11.2009 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40	Atatürk's Principles and History of Revolution Midterm Examination	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution Midterm Examination	Özgür Mutlu Ulus
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

24.11.2009 TUESDAY		
08:30 – 09:10	Practical Committee EXAMINATION	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 17:30	Elective Course I Midterm Examination	

25.11.2009 WEDNESDAY		
08:30 – 09:10	Theoretical Committee EXAMINATION	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Turkish Language and Literature Midterm Examination	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature Midterm Examination	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

26.11.2009 THURSDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

27.11.2009 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30	HOLIDAY	
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

Anatomy: ANA; Behavioral Sciences: BSC; Biochemistry: BCH; Biophysics: BPH; Biostatistics: BIS; Chemistry: CHE; Clinical Medicine & Professional Skills: CMPS; Family Medicine: FM; Histology and Embryology: HEM; History of Medicine & Ethics: HME; Medical Biology and Genetics: MBG; MI: Medical Informatics; Microbiology: MCB; Physics: PHS; Physiology: PHY; Public Health: PH.; RAD: Radiology; SOC: Sociology



ACIBADEM
UNIVERSITY
SCHOOL OF MEDICINE

2009 - 2010
YEAR 1 COMMITTEE II
Cellular Transport and Metabolism
01.12.2009 - 28.01.2010



COMMITTEE II OUTLINE

Cellular Transport and Metabolism

COURSES	Theoretical Hour			Practical Hour			Study Time	TOTAL
	Lectures	IALS	SUB-TOTAL	Lab Study	Field Study	SUB-TOTAL		
Behavioral Science	8		8			0	9	17
Biochemistry	6		6			0	7	13
Biophysics	16		16			0	20	36
Biostatistics	12		12			0	20	32
Chemistry	18		18	6		6	22	46
History of Medicine & Ethics	11		11			0	17	28
Medical Biology & Genetics	4		4			0	7	11
Medical Informatics	5		5	35		35		40
Physiology	11		11	2		2	17	30
Physics	6		6			0	10	16
Radiology	6		6			0	8	14
CMPS: Health and Society-I	5	15	20		20	20	27	67
TOTAL	108	15	123	43	20	63	164	350

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

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

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

Study Time Self Directed Learning, Preparation

YEAR 1 COMMITTEE II

COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	123	Credit	ECTS
			Practical (Hour)	63		
Cellular Transport & Metabolism	MED 103	Fall	Study time (Hour)	164	11	13

Pre-requirement	None
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Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committee Chairs	Prof. Beki Kan; be.ki.kan@acibadem.edu.tr Assoc. Prof. Ender Altıok; e.altiok@asg.com.tr
Academic Units & Staff	<p>Behavioral Sciences: Kültegin ÖGEL, M.D., Assoc. Prof. Cem İNCESU, M.D., Assoc. Prof. Defne ERASLAN, M.D., Assist. Prof.</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Chemistry: Mert ÜLGEN., Ph.D., Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>History of Medicine & Ethics: Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof.</p> <p>Medical Biology: Beyazıt ÇIRAKOĞLU, Ph.D., Prof. Ender ALTİOK, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.</p> <p>Physics: Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof.</p> <p>Radiology: Canan ERZEN, M.D., Prof. Olca ÇİZMELİ, M.D., Assoc. Prof.</p>

Academic Units & Staff	Affiliated Faculty Biostatistics: Murat ÇİNKO, Ph.D., Assist. Prof. History of Medicine & Ethics: Yaman ÖRS, M.D., Prof. (Invited Lecturer) Medical Informatics: Cem ALBAYRAK Erhan AYATA Burak BATUR Murat BAYRAKTAR Sociology: İnci USER, Ph.D. Assoc. Prof.
Course Duration	9 weeks
Educational Methods	Theoretical and Practical Courses, Discussions, Field Studies, Seminars
Evaluation Methods	Theoretical and Practical Examinations, Homeworks, Presentations, Discussions, Skills, Performance Based Assessment, OSCEs (Objective Structured Clinical Examinations)
Course Aims	The aim of this committee is to provide necessary knowledge about the metabolic pathways within the cell and to describe physical and functional properties of cell membrane and transport mechanisms by pointing out the cellular homeostasis and cellular signaling by a molecular approach. Topics related to the biology of sleep, neurobiology of emotions and biology of cognitions and motivation, history of medicine, biostatistics and the use of computers in medicine (medical informatics) will be also defined.
Learning Outcomes	By the end of this committee, the students will be able to: <ul style="list-style-type: none"> • define the molecular basis of all the chemical reactions related to living cells • describe the mechanisms regulating the metabolic pathways and their molecular interactions • explain physical laws of transportation • define membrane structure and its function, • acquire a knowledge about electrochemical potentials and flow of energy in nature • point out thermodynamic properties of water and energetics of electron transport • indicate the physical principles of transport and signaling mechanisms within the cells • summarize biology of sleep, memory and learning, emotion, cognition and motivation • gain knowledge about the history of medicine since 17th century up to modern times with a specific emphasis on Turkey during pre-modern and modern times • identify descriptive statistics and hypothesis testing • acquire knowledge about office programs, server systems and data base



ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

PRACTICAL EXAMINATION

27.01.2010

THEORETICAL EXAMINATION

28.01.2010

COMMITTEE II SCHEDULE

30.11.2009 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30	HOLIDAY	
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

01.12.2009 TUESDAY		
08:30 – 09:10	Introduction to the Course	Beki Kan
09:20 – 10:00	Descriptive Statistics	Murat Çinko (BIS)
10:10 – 10:50	Descriptive Statistics	Murat Çinko (BIS)
11:00 – 11:40	Consciousness Concept	Defne Eraslan (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Server Systems	Cem Albayrak (MI)
14:20 – 15:00	Server Systems	Cem Albayrak (MI)
15:10 – 15:50	Server Systems	Cem Albayrak (MI)
16:00 – 17:30	Elective Course I	

02.12.2009 WEDNESDAY		
08:30 – 09:10	Medicine in the 17th Century	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Physical Characteristics of Membrane Structure and Function	Beki Kan (BPH)
10:10 – 10:50	Introduction to Cell Physiology	Melike Şahiner (PHY)
11:00 – 11:40	Introduction to Cell Physiology	Melike Şahiner (PHY)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
15:10 – 15:50		
16:00 – 16:40		

03.12.2009 THURSDAY		
08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Server Systems	Cem Albayrak (MI)
14:20 – 15:00	Server Systems	Cem Albayrak (MI)
15:10 – 15:50		
16:00 – 16:40		

04.12.2009 FRIDAY		
08:30 – 09:10	Charges, Coulomb's Law, Insulators and Conductors	Şule Öncül (PHS)
09:20 – 10:00	Charges, Coulomb's Law, Insulators and Conductors	Şule Öncül (PHS)
10:10 – 10:50	Role of Sulphur Containing Functional Groups in Medicine	Mert Ülgen (CHE)
11:00 – 11:40	Role of Sulphur Containing Functional Groups in Medicine	Mert Ülgen (CHE)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

07.12.2009 MONDAY

08:30 – 09:10	Capacitors, Resistance, Direct current	Şule Öncül (PHS)
09:20 – 10:00	Capacitors, Resistance, Direct current	Şule Öncül (PHS)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

08.12.2009 TUESDAY

08:30 – 09:10	Genome of Mitochondria	Ender Altıok (MBG)
09:20 – 10:00	Descriptive Statistics	Murat Çinko (BIS)
10:10 – 10:50	Descriptive Statistics	Murat Çinko (BIS)
11:00 – 11:40	Biology of Sleep	Defne Eraslan (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Databases	Burak Batur (MI)
14:20 – 15:00	Databases	Burak Batur (MI)
15:10 – 15:50	Databases	Burak Batur (MI)
16:00 – 17:30	Elective Course I	

09.12.2009 WEDNESDAY

08:30 – 09:10	Enlightenment and the 18th Century Medicine I	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Enlightenment and the 18th Century Medicine II	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Membrane Proteins	Beki Kan (BPH)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
15:10 – 15:50		
16:00 – 16:40		

10.12.2009 THURSDAY

08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Office: Powerpoint	Erhan Ayata (MI)
14:20 – 15:00	Office: Powerpoint	Erhan Ayata (MI)
15:10 – 15:50		
16:00 – 16:40		

11.12.2009 FRIDAY

08:30 – 09:10	Chemical Reactions of Important Organic Molecules in Medicine	Mert Ülgen (CHE)
09:20 – 10:00	Chemical Reactions of Important Organic Molecules in Medicine	Mert Ülgen (CHE)
10:10 – 10:50	Physical Principles: Diffusion and Facilitated Transport	Beki Kan (BPH)
11:00 – 11:40	Physical Principles: Diffusion and Facilitated Transport	Beki Kan (BPH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

14.12.2009 MONDAY

08:30 – 09:10	Introduction to the Metabolism of Organic Compounds	Mert Ülgen (CHE)
09:20 – 10:00	Introduction to the Metabolism of Organic Compounds	Mert Ülgen (CHE)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

15.12.2009 TUESDAY

08:30 – 09:10	Homeostasis	Melike Şahiner (PHY)
09:20 – 10:00	Homeostasis	Melike Şahiner (PHY)
10:10 – 10:50	Continuous Random Variables	Murat Çinko (BIS)
11:00 – 11:40	Continuous Random Variables	Murat Çinko (BIS)
11:50 – 12:30	Attention	Cem İncesu (BSC)
13:30 – 14:10	Office: Powerpoint	Erhan Ayata (MI)
14:20 – 15:00	Office: Powerpoint	Erhan Ayata (MI)
15:10 – 15:50	Office: Powerpoint	Erhan Ayata (MI)
16:00 – 17:30	Elective Course I	

16.12.2009 WEDNESDAY

08:30 – 09:10	The Evolution of Modern Scientific Thought I	Yeşim Işıl Ülman (HME)
09:20 – 10:00	The Evolution of Modern Scientific Thought II	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Applications of Recombinant DNA Technology in Medicine	Beyazıt Çırakoğlu (MBG)
11:00 – 11:40	LAB: Organic Reactions	CHEMISTRY
11:50 – 12:30	LAB: Organic Reactions	CHEMISTRY
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

17.12.2009 THURSDAY

08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Office: Powerpoint	Erhan Ayata (MI)
14:20 – 15:00	Office: Powerpoint	Erhan Ayata (MI)
15:10 – 15:50		
16:00 – 16:40		

18.12.2009 FRIDAY

08:30 – 09:10	Effects of Organic Molecules in the Living Organism	Mert Ülgen (CHE)
09:20 – 10:00	Effects of Organic Molecules in the Living Organism	Mert Ülgen (CHE)
10:10 – 10:50	Active Transport and Secondary Active Transport	Beki Kan (BPH)
11:00 – 11:40	Electrochemical Potentials, Nernst Potential	Şule Öncül (BPH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

21.12.2009 MONDAY

08:30 – 09:10	Electrical Forces, Fields and Currents	Şule Öncül (PHS)
09:20 – 10:00	Electrical Forces, Fields and Currents	Şule Öncül (PHS)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

22.12.2009 TUESDAY

08:30 – 09:10	Importance of Genome Project in Medicine	Cemaliye Akyerli Boylu (MBG)
09:20 – 10:00	Hypothesis Testing	Murat Çinko (BIS)
10:10 – 10:50	Hypothesis Testing	Murat Çinko (BIS)
11:00 – 11:40	Memory and Learning	Cem İncesu (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Office: Access	Erhan Ayata (MI)
14:20 – 15:00	Office: Access	Erhan Ayata (MI)
15:10 – 15:50	Office: Access	Erhan Ayata (MI)
16:00 – 17:30	Elective Course I	

23.12.2009 WEDNESDAY

08:30 – 09:10	World of Bacteriology and Microbiology	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Electrolide Balance	Melike Şahiner (PHY)
10:10 – 10:50	PH and Its Control	Melike Şahiner (PHY)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
15:10 – 15:50		
16:00 – 16:40		

24.12.2009 THURSDAY

08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Office: Access	Erhan Ayata (MI)
14:20 – 15:00	Office: Access	Erhan Ayata (MI)
15:10 – 15:50	Special Topics: The Living Universe: Astrobiology	Abdurrahman Coşkun
16:00 – 16:40	Special Topics: The Living Universe: Astrobiology	Abdurrahman Coşkun

25.12.2009 FRIDAY

08:30 – 09:10	Laboratory Techniques in Organic Chemistry: Separation	Mert Ülgen (CHE)
09:20 – 10:00	Laboratory Techniques in Organic Chemistry: Separation	Mert Ülgen (CHE)
10:10 – 10:50	Membrane Potentials and Action Potential	Şule Öncül (BPH)
11:00 – 11:40	Membrane Potentials and Action Potential	Şule Öncül (BPH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	History of Radiology	Olçay Çizmeli (RAD)
16:00 – 16:40	History of Radiology	Olçay Çizmeli (RAD)

28.12.2009 MONDAY

08:30 – 09:10	Cellular Signaling	Melike Şahiner (PHY)
09:20 – 10:00	Cellular Signaling	Melike Şahiner (PHY)
10:10 – 10:50	Cellular Signaling	Melike Şahiner (PHY)
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

29.12.2009 TUESDAY

08:30 – 09:10	Genomic Organization and Rearrangement of Immunoglobulin Genes	Ender Altıok (MBG)
09:20 – 10:00	Hypothesis Testing	Murat Çinko (BIS)
10:10 – 10:50	Hypothesis Testing	Murat Çinko (BIS)
11:00 – 11:40	Thinking and Language	Defne Eraslan (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Office: Access	Erhan Ayata (MI)
14:20 – 15:00	Office: Access	Erhan Ayata (MI)
15:10 – 15:50	Office: Access	Erhan Ayata (MI)
16:00 – 17:30	Elective Course I	

30.12.2009 WEDNESDAY

08:30 – 09:10	Surgery and Gynecology in the 19th Century	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Introduction to Radiology I: definition, types of imaging, impact	Canan Erzen (RAD)
10:10 – 10:50	Introduction to Radiology I: definition, types of imaging, impact	Canan Erzen (RAD)
11:00 – 11:40	LAB: Purification Techniques	CHEMISTRY
11:50 – 12:30	LAB: Purification Techniques	CHEMISTRY
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

31.12.2009 THURSDAY

08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Office: Access	Erhan Ayata (MI)
14:20 – 15:00	Office: Access	Erhan Ayata (MI)
15:10 – 15:50		
16:00 – 16:40		

01.01.2010 FRIDAY

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

04.01. 2010 MONDAY

08:30 – 09:10	Flow of Energy in Nature, First Law of Thermodynamics	Beki Kan (BPH)
09:20 – 10:00	Flow of Energy in Nature, First Law of Thermodynamics	Beki Kan (BPH)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

05.01. 2010 TUESDAY

08:30 – 09:10	Laboratory Techniques in Organic Chemistry: Qualitative Methods	Mert Ülgen (CHE)
09:20 – 10:00	Laboratory Techniques in Organic Chemistry: Qualitative Methods	Mert Ülgen (CHE)
10:10 – 10:50	Hypothesis Testing	Murat Çinko (BIS)
11:00 – 11:40	Hypothesis Testing	Murat Çinko (BIS)
11:50 – 12:30	Emotions	Kültegin Ögel (BSC)
13:30 – 14:10	Office: Access	Erhan Ayata (MI)
14:20 – 15:00	Office Access: Questioning	Erhan Ayata (MI)
15:10 – 15:50	Office Access: Questioning	Erhan Ayata (MI)
16:00 – 17:30	Elective Course I	

06.01. 2010 WEDNESDAY

08:30 – 09:10	Medicine in the 20th Century	Yeşim Işıl Ülman (HME)
09:20 – 10:00	The Second Law of Thermodynamics, Entropy, Free Energy	Beki Kan (BPH)
10:10 – 10:50	The Second Law of Thermodynamics, Entropy, Free Energy	Beki Kan (BPH)
11:00 – 11:40	Introduction to Radiology II: definition, types of imaging, impact	Canan Erzen (RAD)
11:50 – 12:30	Introduction to Radiology II: definition, types of imaging, impact	Canan Erzen (RAD)
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
15:10 – 15:50		
16:00 – 16:40		

07.01. 2010 THURSDAY

08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Office Access: Reporting	Erhan Ayata (MI)
14:20 – 15:00	Office Access: Reporting	Erhan Ayata (MI)
15:10 – 15:50		
16:00 – 16:40		

08.01. 2010 FRIDAY

08:30 – 09:10	Action Potential	Melike Şahiner (PHY)
09:20 – 10:00	Action Potential	Melike Şahiner (PHY)
10:10 – 10:50	Laboratory Techniques in Organic Chemistry: Quantitative Methods	Mert Ülgen (CHE)
11:00 – 11:40	Laboratory Techniques in Organic Chemistry: Quantitative Methods	Mert Ülgen (CHE)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

11.01. 2010 MONDAY

08:30 – 09:10	Biochemicals and Water	Aysel Özpınar (BCH)
09:20 – 10:00	Biochemicals and Water	Aysel Özpınar (BCH)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

12.01. 2010 TUESDAY

08:30 – 09:10	LAB: Separation Techniques	CHEMISTRY
09:20 – 10:00	LAB: Separation Techniques	CHEMISTRY
10:10 – 10:50	Free Energy and Thermodynamic Properties of Water	Beki Kan (BPH)
11:00 – 11:40	Cognitions	Kültegin Ögel (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Project	Murat Bayraktar (MI)
14:20 – 15:00	Project	Murat Bayraktar (MI)
15:10 – 15:50	Project	Murat Bayraktar (MI)
16:00 – 17:30	Elective Course I	

13.01. 2010 WEDNESDAY

08:30 – 09:10	Medicine in Turkey During the Classical Period	Yeşim Işıl Ülman (HME)
09:20 – 10:00	LAB: Action Potential	PHYSIOLOGY
10:10 – 10:50	LAB: Action Potential	PHYSIOLOGY
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya DüNDAR Şahin
15:10 – 15:50	Science and Sciences; Philosophy of Science and Scientific Philosophy	Yaman Örs (Conference)
16:00 – 16:40	Science and Sciences; Philosophy of Science and Scientific Philosophy	Yaman Örs (Conference)

14.01. 2010 THURSDAY

08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Project	Murat Bayraktar (MI)
14:20 – 15:00	Project	Murat Bayraktar (MI)
15:10 – 15:50	Medicine and its place Among Other Professional Activities	Yaman Örs (Conference)
16:00 – 16:40	Medicine and its place Among Other Professional Activities	Yaman Örs (Conference)

15.01. 2010 FRIDAY

08:30 – 09:10	Homeostasis Among Organ Systems: Biochemical View	Aysel Özpınar (BCH)
09:20 – 10:00	Endogenous Organic Compounds in the Body	Mert Ülgen (CHE)
10:10 – 10:50	Endogenous Organic Compounds in the Body	Mert Ülgen (CHE)
11:00 – 11:40	Coupling of Biological Reactions with High Energy Metabolites	Beki Kan (BPH)
11:50 – 12:30	Coupling of Biological Reactions with High Energy Metabolites	Beki Kan (BPH)
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

18.01. 2010 MONDAY

08:30 – 09:10	The Fate of Substances in Body	Aysel Özpınar (BCH)
09:20 – 10:00	Self-directed Learning Hour	
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50	Medical English I	
16:00 – 16:40		

19.01. 2010 TUESDAY

08:30 – 09:10	Carbohydrate Structure	Aysel Özpınar (BCH)
09:20 – 10:00	Carbohydrate Structure	Aysel Özpınar (BCH)
10:10 – 10:50	Energetics of Electron Transport	Beki Kan (BPH)
11:00 – 11:40	Motivation	Kültegin Ögel (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Project	Murat Bayraktar (MI)
14:20 – 15:00	Project	Murat Bayraktar (MI)
15:10 – 15:50	Project	Murat Bayraktar (MI)
16:00 – 16:40		

20.01. 2010 WEDNESDAY

08:30 – 09:10	Medicine in Turkey During the Modern Times I	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Medicine in Turkey During the Modern Times II	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

21.01. 2010 THURSDAY

08:30 – 09:10	CMPS: Health & Society I	Nadi Bakırcı (PH) İnci User (SOC) Pınar Topsever (FM)
09:20 – 10:00	CMPS: Health & Society I	
10:10 – 10:50	CMPS: Health & Society I	
11:00 – 11:40	CMPS: Health & Society I	
11:50 – 12:30	CMPS: Health & Society I	
13:30 – 14:10	Project	Murat Bayraktar (MI)
14:20 – 15:00	Project	Murat Bayraktar (MI)
15:10 – 15:50		
16:00 – 16:40		

22.01. 2010 FRIDAY

08:30 – 09:10	Endogenous Organic Compounds in the Body	Mert Ülgen (CHE)
09:20 – 10:00	Endogenous Organic Compounds in the Body	Mert Ülgen (CHE)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English I	
14:20 – 15:00	Medical English I	
15:10 – 15:50		
16:00 – 16:40		

25.01. 2010 MONDAY

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

26.01. 2010 TUESDAY

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

27.01. 2010 WEDNESDAY

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

28.01. 2010 THURSDAY

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

29.01. 2010 FRIDAY

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

Anatomy: ANA; Behavioral Sciences: BSC; Biochemistry: BCH; Biophysics: BPH; Biostatistics: BIS; Chemistry: CHE; Clinical Medicine & Professional Skills: CMPS; Family Medicine: FM; Histology and Embryology: HEM; History of Medicine & Ethics: HME; Medical Biology and Genetics: MBG; MI: Medical Informatics; Microbiology: MCB; Physics: PHS; Physiology: PHY; Public Health: PH.; RAD: Radiology; SOC: Sociology



ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

2009 - 2010

YEAR 1 COMMITTEE III

From Cell to Tissue / From Tissue to Organ

15.02.2010 - 14.04.2010

COMMITTEE III OUTLINE

From Cell to Tissue / From Tissue to Organ

COURSES	Theoretical Hour			Practical Hour			Study Time	TOTAL
	Lectures	IALS	SUB-TOTAL	Lab Study	Field Study	SUB-TOTAL		
Anatomy	7		7	3		3	4	14
Behavioral Sciences	8		8			0	5	13
Biochemistry	29		29	6		6	18	53
Biostatistics	8		8			0	4	12
Histology & Embryology	32		32	10		10	18	60
History of Medicine & Ethics	12		12			0	7	19
Medical Informatics	5		5	35		35		40
Microbiology	8		8			0	6	14
Physiology	12		12			0	6	18
CMPS:Clinical Skills-I	5		5	10		10		15
CMPS:Research in Health-I	2	8	10		15	15	12	37
Interactive Module		14	14			0	10	24
TOTAL	128	22	150	64	15	79	90	319

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

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

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

Study Time Self Directed Learning, Preparation

YEAR 1 COMMITTEE III

COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	150	Credit	ECTS
			Practical (Hour)			
From Cell to Tissue /From Tissue to Organ	MED 104	Spring	Study time (Hour)	90	14	12

Pre-requirement	:	None
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Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committe Chairs	:	Assoc. Prof. İbrahim ÜNSAL; iunsal@acibademlabmed.com.tr Assist. Prof. Yasemin Ersoy Çanilloğlu; yasemin.canillioglu@acibadem.edu.tr
Academic Units & Staff	:	<p>Anatomy: Aymelek YALIN, Ph.D., Prof.</p> <p>Behavioral Sciences: Kültegin ÖGEL, M.D., Assoc. Prof. Cem İNCESU, M.D., Assoc. Prof. Defne ERASLAN, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof.</p> <p>History of Medicine & Ethics: Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Medical Biochemistry: İbrahim ÜNSAL, M.D., Ph.D., Assoc. Prof. Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Tamer İNAL, M.D., Assist. Prof.</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Canan KÜLAH, M.D., Assist. Prof. Işın AKYAR, M.D., Instructor</p> <p>Nursing: Fatma ETİ ASLAN, Ph.D., Prof.</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof.</p>

Academic Units & Staff	Affiliated Faculty Anatomy: Jasna GÜRBÜZ, M.D., Ph.D. Biostatistics: Murat ÇİNKO, Ph.D., Assist. Prof. History of Medicine & Ethics: Yaman ÖRS, M.D., Prof. (Invited Lecturer) Medical Informatics: Erhan AYATA Ülgen KÖSE Kağan ÖZERHAN
Course Duration	: 9 weeks
Educational Methods	: Theoretical and Practical Courses, Discussions, Interactive Modules, Field Studies, Seminars
Evaluation Methods	: Theoretical and Practical Examinations, Homeworks, Presentations, Discussions, Skills, Performance Based Assessment, OSCEs (Objective Structured Clinical Examinations), OSPEs (Objective Structured Practical Examinations)
Course Aims	: The aim of this committee is to provide knowledge about enzymes and structural elements of the tissue such as amino acids, proteins and lipids in the process of organs and body formation. Morphological and physiological aspects of muscle, lung, nervous system, cardiovascular system and gastrointestinal system will be explained together with the basis of immune mechanisms. Psychosocial development, personality and temperament will be defined along with methodology and main approaches in medical ethics. Students will be oriented to problem-based learning by an interdisciplinary module related to the main topics of the subject committee. Topics related to biostatistics and medical informatics will be also defined.
Learning Outcomes	: By the end of this committee, the students will be able to: <ul style="list-style-type: none"> • define enzymes, amino acids, proteins and lipids • distinguish the structural elements of the tissue that form organs and body • identify the substructures of the different tissues regarding their structures, organization and functioning • explain the morphological and physiological aspects of muscle, lung, nervous systems, cardiovascular system and gastrointestinal system • make correlation between tissue and its function • acquire knowledge concerning the development and differentiation process of the organs • classify various microorganisms with their basic properties • describe psychosocial development, personality and temperament • have a knowledge about methodology and main approaches in medical ethics, ethical principles and rules in decision-making together with knowledge about patient rights • recognize, prepare, instigate and argue about interdisciplinary module • distinguish nonparametric methods and categorical data analysis • summarize data management and statistic programs



ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

PRACTICAL EXAMINATION

13.04.2010

THEORETICAL EXAMINATION

14.04.2010

COMMITTEE III SCHEDULE

15.02.2010 MONDAY

08:30 – 09:10	Introduction to the Course	İbrahim Ünsal
09:20 – 10:00	Histology of Lining and Glandular Epithelium	Serap Arbak (HEM)
10:10 – 10:50	Histology of Lining and Glandular Epithelium	Serap Arbak (HEM)
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

16.02.2010 TUESDAY

08:30 – 09:10	Structure of Amino Acids	Abdurrahman Coşkun (BCH)
09:20 – 10:00	Structure of Amino Acids	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Introduction to Anatomy and Anatomical Terminology	Aymelek Yalın (ANA)
11:00 – 11:40	Psychosocial Development	Kültegin Ögel (BSC)
11:50 – 12:30	Psychosocial Development	Kültegin Ögel (BSC)
13:30 – 14:10	Statistic Programs	Ülgen Köse (MI)
14:20 – 15:00	Statistic Programs	Ülgen Köse (MI)
15:10 – 15:50	Statistic Programs	Ülgen Köse (MI)
16:00 – 17:30	Elective Course II	

17.02.2010 WEDNESDAY

08:30 – 09:10	Philosophy of Medicine	Yeşim Işıl Ülman (HME)
09:20 – 10:00	General Structures of Bacteria, Mycoplasma, Chlamydia and Rickettsiae	Sesin Kocagöz (MCB)
10:10 – 10:50	General Structures of Bacteria, Mycoplasma, Chlamydia and Rickettsiae	Sesin Kocagöz (MCB)
11:00 – 11:40	Protein Structure and Function	Tamer İnal (BCH)
11:50 – 12:30	Protein Structure and Function	Tamer İnal (BCH)
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50	Protein Structure and Function	Tamer İnal (BCH)
16:00 – 16:40	Protein Structure and Function	Tamer İnal (BCH)

18.02.2010 THURSDAY

08:30 – 09:10	CMPS: Research in Health I	Nadi Bakırcı (PH), Pınar Topsever (FM)
09:20 – 10:00	CMPS: Research in Health I	Nadi Bakırcı (PH), Pınar Topsever (FM)
10:10 – 10:50	CMPS: Research in Health I	Nadi Bakırcı (PH), Pınar Topsever (FM)
11:00 – 11:40	CMPS: Research in Health I	Nadi Bakırcı (PH), Pınar Topsever (FM)
11:50 – 12:30	CMPS: Research in Health I	Nadi Bakırcı (PH), Pınar Topsever (FM)
13:30 – 14:10	Statistic Programs	Ülgen Köse (MI)
14:20 – 15:00	Statistic Programs	Ülgen Köse (MI)
15:10 – 15:50		
16:00 – 16:40		

19.02.2010 FRIDAY

08:30 – 09:10	Oogenesis and Spermatogenesis	Yasemin Ersoy Çanilloğlu (HEM)
09:20 – 10:00	Oogenesis and Spermatogenesis	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	LAB: Histology of Lining and Glandular Epithelium	HISTOLOGY
11:00 – 11:40	LAB: Histology of Lining and Glandular Epithelium	HISTOLOGY
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50		
16:00 – 16:40		

22.02.2010 MONDAY

08:30 – 09:10	Histology of Connective Tissue	Yasemin Ersoy Çanilloğlu (HEM)
09:20 – 10:00	Histology of Connective Tissue	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

23.02.2010 TUESDAY

08:30 – 09:10	General Structures of Fungi	Canan Külah (MCB)
09:20 – 10:00	General Structures of Fungi	Canan Külah (MCB)
10:10 – 10:50	Hypothesis Testing	Murat Çinko (BIS)
11:00 – 11:40	Hypothesis Testing	Murat Çinko (BIS)
11:50 – 12:30	Psychosocial Development	Kültegin Ögel (BSC)
13:30 – 14:10	Statistic Programs	Ülgen Köse (MI)
14:20 – 15:00	Statistic Programs	Ülgen Köse (MI)
15:10 – 15:50	Statistic Programs	Ülgen Köse (MI)
16:00 – 17:30	Elective Course II	

24.02.2010 WEDNESDAY

08:30 – 09:10	Physician's Identity / Medical Practice	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Fertilization	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	Introduction to Enzymes	İbrahim Ünsal (BCH)
11:00 – 11:40	Introduction to Enzymes	İbrahim Ünsal (BCH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
15:10 – 15:50	LAB: Histology of Connective Tissue	HISTOLOGY
16:00 – 16:40	LAB: Histology of Connective Tissue	HISTOLOGY

25.02.2010 THURSDAY

08:30 – 09:10	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
09:20 – 10:00	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
10:10 – 10:50	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:00 – 11:40	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:50 – 12:30	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
13:30 – 14:10	Statistic Programs	Ülgen Köse (MI)
14:20 – 15:00	Statistic Programs	Ülgen Köse (MI)
15:10 – 15:50		
16:00 – 16:40		

26.02.2010 FRIDAY

08:30 – 09:10	Enzymes: Mechanism of Action	İbrahim Ünsal (BCH)
09:20 – 10:00	Enzymes: Mechanism of Action	İbrahim Ünsal (BCH)
10:10 – 10:50	Implantation	Serap Arbak (HEM)
11:00 – 11:40	Module	
11:50 – 12:30	Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Free Time for Module	
16:00 – 16:40	Free Time for Module	

01.03.2010 MONDAY

08:30 – 09:10	Histology of Bone and Cartilage	Yasemin Ersoy Çanulloğlu (HEM)
09:20 – 10:00	Histology of Bone and Cartilage	Yasemin Ersoy Çanulloğlu (HEM)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

02.03.2010 TUESDAY

08:30 – 09:10	Introduction to Musculoskeletal System	Aymelek Yalın (ANA)
09:20 – 10:00	Introduction to Musculoskeletal System	Aymelek Yalın (ANA)
10:10 – 10:50	Nonparametric Methods	Murat Çinko (BIS)
11:00 – 11:40	Nonparametric Methods	Murat Çinko (BIS)
11:50 – 12:30	Personality and Temperament	Cem İncesu (BSC)
13:30 – 14:10	Basic Network Technologies	Kağan Özerhan (MI)
14:20 – 15:00	Basic Network Technologies	Kağan Özerhan (MI)
15:10 – 15:50	Basic Network Technologies	Kağan Özerhan (MI)
16:00 – 17:30	Elective Course II	

03.03.2010 WEDNESDAY

08:30 – 09:10	Values, Norms, Normative Systems	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Formation of Bilaminar and Trilaminar Embryonic Disc	Serap Arbak (HEM)
10:10 – 10:50	Formation of Bilaminar and Trilaminar Embryonic Disc	Serap Arbak (HEM)
11:00 – 11:40	LAB: Spectrophotometer	BIOCHEMISTRY
11:50 – 12:30	LAB: Spectrophotometer	BIOCHEMISTRY
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
15:10 – 15:50	LAB: Histology of Bone and Cartilage	HISTOLOGY
16:00 – 16:40	LAB: Histology of Bone and Cartilage	HISTOLOGY

04.03.2010 THURSDAY

08:30 – 09:10	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
09:20 – 10:00	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
10:10 – 10:50	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:00 – 11:40	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:50 – 12:30	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
13:30 – 14:10		
14:20 – 15:00	Basic Network Technologies	Kağan Özerhan (MI)
15:10 – 15:50	Basic Network Technologies	Kağan Özerhan (MI)
16:00 – 16:40		

05.03.2010 FRIDAY

08:30 – 09:10	Enzyme Regulation	İbrahim Ünsal (BCH)
09:20 – 10:00	Enzyme Regulation	İbrahim Ünsal (BCH)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Module	
11:50 – 12:30	Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Free Time for Module	
16:00 – 16:40	Free Time for Module	

08.03.2010 MONDAY

08:30 – 09:10	Histology of Muscle Tissue	Serap Arbak (HEM)
09:20 – 10:00	Histology of Muscle Tissue	Serap Arbak (HEM)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

09.03.2010 TUESDAY

08:30 – 09:10	Nonparametric Methods	Murat Çinko (BIS)
09:20 – 10:00	Nonparametric Methods	Murat Çinko (BIS)
10:10 – 10:50	Personality and Temperament	Cem İncesu (BSC)
11:00 – 11:40	Personality and Temperament	Cem İncesu (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Internet	Erhan Ayata (MI)
14:20 – 15:00	Internet	Erhan Ayata (MI)
15:10 – 15:50	Internet	Erhan Ayata (MI)
16:00 – 17:30	Elective Course II	

10.03.2010 WEDNESDAY

08:30 – 09:10	Ethics-Deontology-Bioethics	Yeşim Işıl Ülman (HME)
09:20 – 10:00	General Structures of Viruses	Tanıl Kocagöz (MCB)
10:10 – 10:50	General Structures of Viruses	Tanıl Kocagöz (MCB)
11:00 – 11:40	LAB: Histology of Muscle Tissue	HISTOLOGY
11:50 – 12:30	LAB: Histology of Muscle Tissue	HISTOLOGY
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

11.03.2010 THURSDAY

08:30 – 09:10	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
09:20 – 10:00	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
10:10 – 10:50	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:00 – 11:40	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:50 – 12:30	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
13:30 – 14:10	Internet	Erhan Ayata (MI)
14:20 – 15:00	Internet	Erhan Ayata (MI)
15:10 – 15:50	LAB: Enzyme Kinetics	BIOCHEMISTRY
16:00 – 16:40	LAB: Enzyme Kinetics	BIOCHEMISTRY

12.03.2010 FRIDAY

08:30 – 09:10	Overview to Nervous System	Aymelek Yalın (ANA)
09:20 – 10:00	Physiology of Muscle Tissue	Melike Şahiner (PHY)
10:10 – 10:50	Physiology of Muscle Tissue	Melike Şahiner (PHY)
11:00 – 11:40	Module	
11:50 – 12:30	Module	
March 14 Physician's Day		
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	LAB: Enzyme Kinetics	BIOCHEMISTRY
16:00 – 16:40	LAB: Enzyme Kinetics	BIOCHEMISTRY

15.03.2010 MONDAY

08:30 – 09:10	Histology of Nervous Tissue	Serap Arbak (HEM)
09:20 – 10:00	Histology of Nervous Tissue	Serap Arbak (HEM)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

16.03.2010 TUESDAY

08:30 – 09:10	Nervous System Functions	Melike Şahiner (PHY)
09:20 – 10:00	Nervous System Functions	Melike Şahiner (PHY)
10:10 – 10:50	Categorical Data Analysis	Murat Çinko (BIS)
11:00 – 11:40	Categorical Data Analysis	Murat Çinko (BIS)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Internet Design	Erhan Ayata (MI)
14:20 – 15:00	Internet Design	Erhan Ayata (MI)
15:10 – 15:50	Internet Design	Erhan Ayata (MI)
16:00 – 17:30	Elective Course II	

17.03.2010 WEDNESDAY

08:30 – 09:10	Methodology and Main Approches in Medical Ethics	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Ethical Principles and Rules	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Formation of Neurulation and Organ Systems	Serap Arbak (HEM)
11:00 – 11:40	Formation of Neurulation and Organ Systems	Serap Arbak (HEM)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50	LAB: Histology of Nervous Tissue	HISTOLOGY
	LAB: Histology of Nervous Tissue	HISTOLOGY

18.03.2010 THURSDAY

08:30 – 09:10	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
09:20 – 10:00	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
10:10 – 10:50	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:00 – 11:40	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
11:50 – 12:30	CMPS: Research in Health I	Nadi Bakırcı (PH),Pınar Topsever(FM)
13:30 – 14:10	Internet Design	Erhan Ayata (MI)
14:20 – 15:00	Internet Design	Erhan Ayata (MI)
15:10 – 15:50	Structure of Lipids	Mustafa Serteser (BCH)
16:00 – 16:40	Structure of Lipids	Mustafa Serteser (BCH)

19.03.2010 FRIDAY

08:30 – 09:10	Overview to Cardiopulmonary System	Jasna Gürbüz (ANA)
09:20 – 10:00	Structure of Nucleic Acids	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Structure of Nucleic Acids	Abdurrahman Coşkun (BCH)
11:00 – 11:40	Module	
11:50 – 12:30	Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Free Time for Module	
16:00 – 16:40	Free Time for Module	

22.03.2010 MONDAY

08:30 – 09:10	Physiology of Autonomic Nervous System I	Melike Şahiner (PHY)
09:20 – 10:00	Histology of Skin and Adnex	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	Histology of Skin and Adnex	Yasemin Ersoy Çanilloğlu (HEM)
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	LAB: Anatomy of Cardiopulmonary	ANATOMY

23.03.2010 TUESDAY

08:30 – 09:10	Physiology of autonomic nervous system II	Melike Şahiner (PHY)
09:20 – 10:00	General Structures of Parasites	Işın Akyar (MCB)
10:10 – 10:50	General Structures of Parasites	Işın Akyar (MCB)
11:00 – 11:40	Overview of Lung, Heart and Vascular Histology	Yasemin Ersoy Çanilloğlu (HEM)
11:50 – 12:30	Overview of Lung, Heart and Vascular Histology	Yasemin Ersoy Çanilloğlu (HEM)
13:30 – 14:10	Internet Design	Erhan Ayata (MI)
14:20 – 15:00	Internet Design	Erhan Ayata (MI)
15:10 – 15:50	Internet Design	Erhan Ayata (MI)
16:00 – 17:30	Elective Course II	

24.03.2010 WEDNESDAY

08:30 – 09:10	Informed Consent Physician-Patient Relationship	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Informed Consent Physician-Patient Relationship	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Biochemistry of Epithelial Tissue	Abdurrahman Coşkun (BCH)
11:00 – 11:40	Extraembryonic Structures	Serap Arbak (HEM)
11:50 – 12:30	Extraembryonic Structures	Serap Arbak (HEM)
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

25.03.2010 THURSDAY

08:30 – 09:10	CMPS: Basic Clinical Skills I	P. Topsever, E. Onganer, D. Dinç (FM) Fatma Eti Aslan (ND)
09:20 – 10:00	CMPS: Basic Clinical Skills I	
10:10 – 10:50	CMPS: Basic Clinical Skills I	
11:00 – 11:40	CMPS: Basic Clinical Skills I	
11:50 – 12:30	CMPS: Basic Clinical Skills I	
13:30 – 14:10	Internet Design	Erhan Ayata (MI)
14:20 – 15:00	Internet Design	Erhan Ayata (MI)
15:10 – 15:50	Biochemistry of Connective Tissue	Abdurrahman Coşkun (BCH)
16:00 – 16:40	Biochemistry of Connective Tissue	Abdurrahman Coşkun (BCH)

26.03.2010 FRIDAY

08:30 – 09:10	Overview to Digestive System	Jasna Gürbüz (ANA)
09:20 – 10:00	Congenital Malformations	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	Congenital Malformations	Yasemin Ersoy Çanilloğlu (HEM)
11:00 – 11:40	Module	
11:50 – 12:30	Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Free Time for Module	
16:00 – 16:40	Free Time for Module	

29.03.2010 MONDAY

08:30 – 09:10	Overview of Spleen, Thymus and Lymph Node Histology	Serap Arbak (HEM)
09:20 – 10:00	Overview of Spleen, Thymus and Lymph Node Histology	Serap Arbak (HEM)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	LAB: Anatomy of Digestive System	ANATOMY

30.03.2010 TUESDAY

08:30 – 09:10	Introduction to Circulatory System	Melike Şahiner (PHY)
09:20 – 10:00	Introduction to Blood and Related Organs	Melike Şahiner (PHY)
10:10 – 10:50	Histology of Gastrointestinal Systems	Serap Arbak (HEM)
11:00 – 11:40	Histology of Gastrointestinal Systems	Serap Arbak (HEM)
11:50 – 12:30	Overview to Urogenital System	Aymelek Yalın (ANA)
13:30 – 14:10	Internet Design	Erhan Ayata (MI)
14:20 – 15:00	Internet Design	Erhan Ayata (MI)
15:10 – 15:50	Internet Design	Erhan Ayata (MI)
16:00 – 17:30	Elective Course II	

31.03.2010 WEDNESDAY

08:30 – 09:10	Patient Rights	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Patient Rights	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Heart and its function	Melike Şahiner (PHY)
11:00 – 11:40	Lung and its function	Melike Şahiner (PHY)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50	Biochemistry of Adipose Tissue	Mustafa Serteser (BCH)
16:00 – 16:40	Biochemistry of Adipose Tissue	Mustafa Serteser (BCH)

01.04.2010 THURSDAY

08:30 – 09:10	CMPS: Basic Clinical Skills I	P. Topsever, E. Onganer, D. Dinç (FM) Fatma Eti Aslan (ND)
09:20 – 10:00	CMPS: Basic Clinical Skills I	
10:10 – 10:50	CMPS: Basic Clinical Skills I	
11:00 – 11:40	CMPS: Basic Clinical Skills I	
11:50 – 12:30	CMPS: Basic Clinical Skills I	
13:30 – 14:10	Internet Design	Erhan Ayata (MI)
14:20 – 15:00	Internet Design	Erhan Ayata (MI)
15:10 – 15:50	LAB: Anatomy of Urogenital System	ANATOMY
16:00 – 17:30	Special Topics: A different Approach to Life Struggle	Abdurrahman Coşkun

02.04.2010 FRIDAY

08:30 – 09:10	Biochemical Aspects of Immunoglobulins	Abdurrahman Coşkun (BCH)
09:20 – 10:00	Biochemical Aspects of Immunoglobulins	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Module	
11:50 – 12:30	Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Free Time for Module	
16:00 – 16:40	Free Time for Module	

05.04.2010 MONDAY

08:30 – 09:10	Biochemical Aspects of Cytokines	Abdurrahman Coşkun (BCH)
09:20 – 10:00	Biochemical Aspects of Cytokines	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

06.04.2010 TUESDAY

08:30 – 09:10	Histology of Urogenital Systems	Yasemin Ersoy Çanilloğlu (HEM)
09:20 – 10:00	Histology of Urogenital Systems	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	Intelligence and Emotonal Intelligence	Defne Eraslan (BSC)
11:00 – 11:40	Intelligence and Emotonal Intelligence	Defne Eraslan (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Data Security	Kağan Özerhan (MI)
14:20 – 15:00	Data Security	Kağan Özerhan (MI)
15:10 – 15:50	Data Security	Kağan Özerhan (MI)
16:00 – 17:30	Elective Course II	

07.04.2010 WEDNESDAY

08:30 – 09:10	Ethical Issues in the Beginning of Life	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Ethical Issues in the Beginning of Life	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Membrane Structure and Function	Mustafa Serteser (BCH)
11:00 – 11:40	Membrane Structure and Function	Mustafa Serteser (BCH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50	An Extraordinary Basic Scientist in the Evolution of Medicine: Claude Bernard	Yaman Örs (Conference)
16:00 – 16:40	An Extraordinary Basic Scientist in the Evolution of Medicine: Claude Bernard	Yaman Örs (Conference)

08.04.2010 THURSDAY

08:30 – 09:10	CMPS: Basic Clinical Skills I	P. Topsever, E. Onganer, D. Dinç (FM) Fatma Eti Aslan (ND)
09:20 – 10:00	CMPS: Basic Clinical Skills I	
10:10 – 10:50	CMPS: Basic Clinical Skills I	
11:00 – 11:40	CMPS: Basic Clinical Skills I	
11:50 – 12:30	CMPS: Basic Clinical Skills I	
13:30 – 14:10	Data Security	Kağan Özerhan (MI)
14:20 – 15:00	Data Security	Kağan Özerhan (MI)
15:10 – 15:50	The Theory of Evolution and its Reflections in Contemporary Medicine	Yaman Örs (Conference)
16:00 – 16:40	The Theory of Evolution and its Reflections in Contemporary Medicine	Yaman Örs (Conference)

09.04.2010 FRIDAY

08:30 – 09:10	Physiology of Gastrointestinal Organs	Melike Şahiner (PHY)
09:20 – 10:00	Physiology of Urogenital Organs	Melike Şahiner (PHY)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Module	
11:50 – 12:30	Module	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Mechanisms of Signal Transduction	Mustafa Serteser (BCH)
16:00 – 16:40	Mechanisms of Signal Transduction	Mustafa Serteser (BCH)

12.04.2010 MONDAY

08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40	Atatürk's Principles and History of Revolution Midterm Examination	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution Midterm Examination	Özgür Mutlu Ulus
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

13.04.2010 TUESDAY

08:30 – 09:10	Practical Committee EXAMINATION	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 17:30	Elective Course II Midterm Examination	

14.04.2010 WEDNESDAY

08:30 – 09:10	Theoretical Committee EXAMINATION	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10	Turkish Language and Literature Midterm Examination	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature Midterm Examination	Hülya Dünder Şahin
15:10 – 15:50		

15.04.2010 THURSDAY

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

16.04.2010 FRIDAY

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

Anatomy: ANA; Behavioral Sciences: BSC; Biochemistry: BCH; Biophysics: BPH; Biostatistics: BIS; Chemistry: CHE; Clinical Medicine & Professional Skills: CMPS; Family Medicine: FM; Histology and Embryology: HEM; History of Medicine & Ethics: HME; Medical Biology and Genetics: MBG; MI: Medical Informatics; Microbiology: MCB; Nursing Department: ND; Physics: PHS; Physiology: PHY; Public Health: PH



ACIBADEM
UNIVERSITY
SCHOOL OF MEDICINE

2009 - 2010
YEAR 1 COMMITTEE IV
Body Functions and Human Behavior
15.04.2010 - 17.06.2010



COMMITTEE IV OUTLINE

Body Functions and Human Behavior

COURSES	Theoretical Hour			Practical Hour			Study Time	TOTAL
	Lectures	IALS	SUB-TOTAL	Lab Study	Field Study	SUB-TOTAL		
Anatomy	9		9	3		3	4	16
Behavioral Sciences	18		18			0	10	28
Biophysics	14		14	4		4	10	28
Biochemistry	29		29	8		8	20	57
Histology & Embryology	13		13	6		6	7	26
History of Medicine & Ethics	6		6			0	4	10
Medical Informatics	5		5	35		35		40
Physics	4		4			0	2	6
Physiology	15		15			0	8	23
CMPS:Medical Humanities-I		10	10	30		30	12	52
CMPS:First Aid	2	8	10	15		15		25
TOTAL	115	18	133	101	0	101	77	311

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

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

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

Study Time Self Directed Learning, Preparation

YEAR 1 COMMITTEE IV

COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	133	Credit	ECTS
			Practical (Hour)	101		
Body Functions and Human Behavior	MED 106	Spring	Study time (Hour)	77	13	12

Pre-requirement	:	None
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Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committee Chairs	:	Prof. Aymelek Yalın; aymelek.yalin@acibadem.edu.tr Assoc. Prof. Mustafa Serteser; mserteser@acibademlabmed.com.tr
Academic Units & Staff	:	<p>Anatomy: Aymelek YALIN, Ph.D., Prof.</p> <p>Behavioral Sciences: Kültegin ÖGEL, M.D., Assoc. Prof. Cem İNCESU, M.D., Assoc. Prof. Defne ERASLAN, M.D., Assist. Prof.</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL , Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof.</p> <p>History of Medicine & Ethics: Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof.</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof.</p> <p>Physics: Şule ÖNCÜL , Ph.D., Assist. Prof.</p> <p>Physiology: Melike ŞAHİNLER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof.</p> <p>Turkish Language & Literature: Hülya DÜNDAR, Instructor.</p>

Academic Units & Staff	<p>Affiliated Faculty</p> <p>Anatomy: Jasna GÜRBÜZ, M.D., Ph.D.</p> <p>History of Medicine & Ethics: Yaman ÖRS, M.D., Prof. (Invited Lecturer)</p> <p>Literature and Medicine: Murat BELGE, Ph.D. Prof. (Invited Lecturer)</p> <p>Medical Informatics: Kağan ÖZERHAN Burak BATUR Hasan OTU, Ph.D. (Instructor)</p>
Course Duration	: 9 weeks
Educational Methods	: Theoretical and Practical Courses, Discussions, Field Studies, Seminars
Evaluation Methods	: Theoretical and Practical Examinations, Homeworks, Presentations, Discussions, Skills, Performance Based Assessment, OSCEs (Objective Structured Clinical Examinations)
Course Aims	: The aim of this committee is to provide necessary knowledge about nervous and endocrine systems on the basis of structural-functional relationship between them. Biological oxidation and metabolic pathways concerning glucose and glycogen will be explained along with lipid metabolism. Concepts about illness, well being, and communication in health and biological components of human behavior will be defined. Topics related to medical ethics, biostatistics and medical informatics will be also investigated.
Learning Outcomes	: <ul style="list-style-type: none"> By the end of this committee, the students will be able to: <ul style="list-style-type: none"> • explain the microscopic and macroscopic features of the nervous system • correlate morphology and physiology of the motor and sensory pathways • acquire knowledge about morphology of the endocrine glands • deduce the basic control mechanisms of the nervous and endocrine systems • describe the biochemical process of the cell • define the biological oxidation within the cell • interpret the biosynthesis of amino acids • determine the metabolic pathways concerning glucose and glycogen • define the lipid metabolism • explain the human behavior and communication in health • acquire knowledge about ethics at the end of life, in biomedical researches, organ transplantation, genetics and new technologies • summarize basic network technologies comprising internet and data security



ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

PRACTICAL EXAMINATION

16.06.2010

THEORETICAL EXAMINATION

17.06.2010

COMMITTEE IV SCHEDULE

12.04.2010 MONDAY

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

13.04.2010 TUESDAY

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

14.04.2010 WEDNESDAY

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

15.04.2010 THURSDAY

08:30 – 09:10	CMPS: Medical Humanities I	Nadi Bakırcı (PH),Pınar Topsever(FM) Yeşim Işıl Ülman (HME) Hülya Dünder Şahin (TUR) Murat Belge (Invited Lecturer)
09:20 – 10:00	CMPS: Medical Humanities I	
10:10 – 10:50	CMPS: Medical Humanities I	
11:00 – 11:40	CMPS: Medical Humanities I	
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Data Security	Kağan Özerhan (MI)
14:20 – 15:00	Data Security	Kağan Özerhan (MI)
15:10 – 15:50		
16:00 – 16:40		

16.04.2010 FRIDAY

08:30 – 09:10	Introduction to the Course	Aymelek Yalın
09:20 – 10:00	Nervous System	Aymelek Yalın (ANA)
10:10 – 10:50	Nervous System	Aymelek Yalın (ANA)
11:00 – 11:40	Wellbeing, Illness and Disorder	Kültegin Ögel (BSC)
11:50 – 12:30	Communication	Kültegin Ögel (BSC)
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50		
16:00 – 16:40		

19.04.2010 MONDAY

08:30 – 09:10	Nervous System	Aymelek Yalın (ANA)
09:20 – 10:00	Nervous System	Aymelek Yalın (ANA)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	LAB: Anatomy of Nervous System	ANATOMY

20.04.2010 TUESDAY

08:30 – 09:10	Histology of Nervous System	Yasemin Ersoy Çanilloğlu (HEM)
09:20 – 10:00	Histology of Nervous System	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	Human Social Interactions	Cem İncesu (BSC)
11:00 – 11:40	Doctor Patient Relationship	Cem İncesu (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Software Technologies	Burak Batur (MI)
14:20 – 15:00	Software Technologies	Burak Batur (MI)
15:10 – 15:50	Software Technologies	Burak Batur (MI)
16:00 – 17:30	Elective Course II	

21.04.2010 WEDNESDAY

08:30 – 09:10	Ethical Issues in the End of Life	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Ethical Issues in the End of Life	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Conduction Properties of Action Potential	Şule Öncül (BPH)
11:00 – 11:40	The Structure and Function of the Neuronal System	Melike Şahiner (PHY)
11:50 – 12:30	The Structure and Function of the Neuronal System	Melike Şahiner (PHY)
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

22.04.2010 THURSDAY

08:30 – 09:10	CMPS: Medical Humanities I	Nadi Bakırcı (PH), Pınar Topsever (FM) Yeşim Işıl Ülman (HME) Hülya Dünder Şahin (TUR)
09:20 – 10:00	CMPS: Medical Humanities I	
10:10 – 10:50	CMPS: Medical Humanities I	
11:00 – 11:40	CMPS: Medical Humanities I	
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Software Technologies	Burak Batur (MI)
14:20 – 15:00	Software Technologies	Burak Batur (MI)
15:10 – 15:50		
16:00 – 16:40		

23.04.2010 FRIDAY

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

26.04.2010 MONDAY

08:30 – 09:10	Neurotransmitters	Melike Şahiner (PHY)
09:20 – 10:00	Neurotransmitters	Melike Şahiner (PHY)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

27.04.2010 TUESDAY

08:30 – 09:10	Introduction to Metabolism	Aysel Özpınar (BCH)
09:20 – 10:00	Introduction to Sense	Melike Şahiner (PHY)
10:10 – 10:50	Introduction to Sense	Melike Şahiner (PHY)
11:00 – 11:40	Health Behavior	Kültegin Ögel (BSC)
11:50 – 12:30	Health Behavior	Kültegin Ögel (BSC)
13:30 – 14:10	Introduction and Historical Perspective	Hasan Otu (MI)
14:20 – 15:00	Introduction and Historical Perspective	Hasan Otu (MI)
15:10 – 15:50	Introduction and Historical Perspective	Hasan Otu (MI)
16:00 – 17:30	Elective Course II	

28.04.2010 WEDNESDAY

08:30 – 09:10	Research Ethics	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Ethics Committees	Yeşim Işıl Ülman (HME)
10:10 – 10:50	LAB: Histology of Nervous System	HISTOLOGY
11:00 – 11:40	LAB: Histology of Nervous System	HISTOLOGY
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dündar Şahin
15:10 – 15:50		
16:00 – 16:40		

29.04.2010 THURSDAY

08:30 – 09:10	CMPS: Medical Humanities I	Nadi Bakırcı (PH), Pınar Topsever (FM) Yeşim Işıl Ülman (HME) Hülya Dündar Şahin (TUR)
09:20 – 10:00	CMPS: Medical Humanities I	
10:10 – 10:50	CMPS: Medical Humanities I	
11:00 – 11:40	CMPS: Medical Humanities I	
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Introduction and Historical Perspective	Hasan Otu (MI)
14:20 – 15:00	Access to Online Databases	Hasan Otu (MI)
15:10 – 15:50		
16:00 – 16:40		

30.04.2010 FRIDAY

08:30 – 09:10	High Energy Compounds and Metabolic Control	Abdurrahman Coşkun (BCH)
09:20 – 10:00	High Energy Compounds and Metabolic Control	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Information Transmission and Content of Information	Devrim Öz Arslan (BPH)
11:00 – 11:40	Development of the Central Nervous System	Serap Arbak (HEM)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50		
16:00 – 16:40		

03.05.10 MONDAY		
08:30 – 09:10	Overview of Glycolysis	Aysel Özpınar (BCH)
09:20 – 10:00	Control Mechanisms	Devrim Öz Arslan (BPH)
10:10 – 10:50	Control Mechanisms	Devrim Öz Arslan (BPH)
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

04.05.10 TUESDAY		
08:30 – 09:10	Reactions and Regulation of Glycolysis	Aysel Özpınar (BCH)
09:20 – 10:00	Reactions and Regulation of Glycolysis	Aysel Özpınar (BCH)
10:10 – 10:50	Human Body and Psychology	Cem İncesu (BSC)
11:00 – 11:40	Human Body and Psychology	Cem İncesu (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Access to Online Databases	Hasan Otu (MI)
14:20 – 15:00	Pairwise Sequence Alignment	Hasan Otu (MI)
15:10 – 15:50	Pairwise Sequence Alignment	Hasan Otu (MI)
16:00 – 16:40	Elective Course II	

05.05.10 WEDNESDAY		
08:30 – 09:10	Ethics in Organ Transplantation	Yeşim Işıl Ülman (HME)
09:20 – 10:00	Genetics and Ethics	Yeşim Işıl Ülman (HME)
10:10 – 10:50	Reactions and Regulation of Glycolysis	Aysel Özpınar (BCH)
11:00 – 11:40	Reactions and Regulation of Glycolysis	Aysel Özpınar (BCH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50		
16:00 – 16:40		

06.05.10 THURSDAY		
08:30 – 09:10	CMPS: Medical Humanities I	Nadi Bakırcı (PH), Pınar Topsever (FM) Yeşim Işıl Ülman (HME) Hülya Dünder Şahin (TUR)
09:20 – 10:00	CMPS: Medical Humanities I	
10:10 – 10:50	CMPS: Medical Humanities I	
11:00 – 11:40	CMPS: Medical Humanities I	
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Pairwise Sequence Alignment	Hasan Otu (MI)
14:20 – 15:00	BLAST	Hasan Otu (MI)
15:10 – 15:50	TCA Cyle	Aysel Özpınar (BCH)
16:00 – 16:40	TCA Cyle	Aysel Özpınar (BCH)

07.05.10 FRIDAY		
08:30 – 09:10	Sensory Systems	Melike Şahiner (PHY)
09:20 – 10:00	Sensory Systems	Melike Şahiner (PHY)
10:10 – 10:50	Hexose Monophosphate Shunt	Aysel Özpınar (BCH)
11:00 – 11:40	Hexose Monophosphate Shunt	Aysel Özpınar (BCH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50		
16:00 – 16:40		

10.05.2010 MONDAY

08:30 – 09:10	Electron Transport Chain	Abdurrahman Coşkun (BCH)
09:20 – 10:00	Electron Transport Chain	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

11.05.2010 TUESDAY

08:30 – 09:10	Electron Transport Chain	Abdurrahman Coşkun (BCH)
09:20 – 10:00	Electron Transport Chain	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Stress	Defne Eraslan (BSC)
11:00 – 11:40	Self-directed Learning Hour	
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	BLAST	Hasan Otu (MI)
14:20 – 15:00	Multiple Sequence Alignment	Hasan Otu (MI)
15:10 – 15:50	Multiple Sequence Alignment	Hasan Otu (MI)
16:00 – 17:30	Elective Course II	

12.05.2010 WEDNESDAY

08:30 – 09:10	CMPS: First Aid	Veysel Balcı & Tamer Oruç
09:20 – 10:00	CMPS: First Aid	
10:10 – 10:50	CMPS: First Aid	
11:00 – 11:40	CMPS: First Aid	
11:50 – 12:30	CMPS: First Aid	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50	CMPS: First Aid	Veysel Balcı & Tamer Oruç
16:00 – 16:40	CMPS: First Aid	Veysel Balcı & Tamer Oruç

13.05.2010 THURSDAY

08:30 – 09:10	CMPS: First Aid	Veysel Balcı & Tamer Oruç
09:20 – 10:00	CMPS: First Aid	
10:10 – 10:50	CMPS: First Aid	
11:00 – 11:40	CMPS: First Aid	
11:50 – 12:30	CMPS: First Aid	
13:30 – 14:10	CMPS: First Aid	Veysel Balcı & Tamer Oruç
14:20 – 15:00	CMPS: First Aid	
15:10 – 15:50	CMPS: First Aid	
16:00 – 16:40	CMPS: First Aid	

14.05.2010 FRIDAY

08:30 – 09:10	CMPS: First Aid	Veysel Balcı & Tamer Oruç
09:20 – 10:00	CMPS: First Aid	
10:10 – 10:50	CMPS: First Aid	
11:00 – 11:40	CMPS: First Aid	
11:50 – 12:30	CMPS: First Aid	
13:30 – 14:10	CMPS: First Aid	Veysel Balcı & Tamer Oruç
14:20 – 15:00	CMPS: First Aid	
15:10 – 15:50	CMPS: First Aid	
16:00 – 16:40	CMPS: First Aid	

17.05.2010 MONDAY

08:30 – 09:10	The Orbit and Eyeball	Jasna Gürbüz (ANA)
09:20 – 10:00	The Orbit and Eyeball	Jasna Gürbüz (ANA)
10:10 – 10:50	Self-directed Learning Hour	
11:00 – 11:40	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution (ATA)	Özgür Mutlu Ulus
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	LAB: The Orbit and Eyeball	ANATOMY

18.05.2010 TUESDAY

08:30 – 09:10	Histology of the Eye	Yasemin Ersoy Çanilloğlu (HEM)
09:20 – 10:00	Histology of the Eye	Yasemin Ersoy Çanilloğlu (HEM)
10:10 – 10:50	Theories of Psychopathology	Defne Eraslan (BSC)
11:00 – 11:40	Theories of Psychopathology	Defne Eraslan (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Phylogenetic Analysis	Hasan Otu (MI)
14:20 – 15:00	Phylogenetic Analysis	Hasan Otu (MI)
15:10 – 15:50	Phylogenetic Analysis	Hasan Otu (MI)
16:00 – 17:30	Elective Course II	

19.05.2010 WEDNESDAY

08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
May 19 Youth and Sports Day		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

20.05.2010 THURSDAY

08:30 – 09:10	CMPS: Medical Humanities I	
09:20 – 10:00	CMPS: Medical Humanities I	Nadi Bakırcı (PH), Pınar Topsever (FM)
10:10 – 10:50	CMPS: Medical Humanities I	Yeşim Işıl Ülman (HME)
11:00 – 11:40	CMPS: Medical Humanities I	Hülya Dündar Şahin (TUR)
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Phylogenetic Analysis	Hasan Otu (MI)
14:20 – 15:00	Phylogenetic Analysis	Hasan Otu (MI)
15:10 – 15:50	Gluconeogenesis and Glycogen Metabolism	Aysel Özpınar (BCH)
16:00 – 16:40	Gluconeogenesis and Glycogen Metabolism	Aysel Özpınar (BCH)

21.05.2010 FRIDAY

08:30 – 09:10	Specific Sensory Systems Eye	Melike Şahiner (PHY)
09:20 – 10:00	Specific Sensory Systems Eye	Melike Şahiner (PHY)
10:10 – 10:50	Optics	Şule Öncül (PHS)
11:00 – 11:40	Optics	Şule Öncül (PHS)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50		
16:00 – 16:40		

24.05.2010 MONDAY

08:30 – 09:10	The Ear	Jasna Gürbüz (ANA)
09:20 – 10:00	The Ear	Jasna Gürbüz (ANA)
10:10 – 10:50	Gluconeogenesis and Glycogen Metabolism	Aysel Özpınar (BCH)
11:00 – 11:40	Gluconeogenesis and Glycogen Metabolism	Aysel Özpınar (BCH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40	LAB: The Ear	ANATOMY

25.05.2010 TUESDAY

08:30 – 09:10	Histology of the Ear	Serap Arbak (HEM)
09:20 – 10:00	Histology of the Ear	Serap Arbak (HEM)
10:10 – 10:50	Theories of Psychopathology	Defne Eraslan (BSC)
11:00 – 11:40	Theories of Psychopathology	Defne Eraslan (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Introduction to Microarrays	Hasan Otu (MI)
14:20 – 15:00	Introduction to Microarrays	Hasan Otu (MI)
15:10 – 15:50	Data Normalization	Hasan Otu (MI)
16:00 – 16:40		

26.05.2010 WEDNESDAY

08:30 – 09:10	Optics of Vision	Şule Öncül (BPH)
09:20 – 10:00	Optics of Vision	Şule Öncül (BPH)
10:10 – 10:50	Biosynthesis of Lipids	Mustafa Serteser (BCH)
11:00 – 11:40	Biosynthesis of Lipids	Mustafa Serteser (BCH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
14:20 – 15:00	Turkish Language and Literature (TUR)	Hülya Dünder Şahin
15:10 – 15:50	Biophysics of Photoreception	Beki Kan (BPH)
16:00 – 16:40	Biophysics of Photoreception	Beki Kan (BPH)

27.05.2010 THURSDAY

08:30 – 09:10	CMPS: Medical Humanities I	Nadi Bakırcı (PH), Pınar Topsever (FM) Yeşim Işıl Ülman (HME) Hülya Dünder Şahin (TUR)
09:20 – 10:00	CMPS: Medical Humanities I	
10:10 – 10:50	CMPS: Medical Humanities I	
11:00 – 11:40	CMPS: Medical Humanities I	
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Data Normalization	Hasan Otu (MI)
14:20 – 15:00	Differential Gene Expression and Clustering	Hasan Otu (MI)
15:10 – 15:50	Special Topics: The story of Infinity	Tanıl Kocagöz
16:00 – 16:40	Special Topics: The story of Infinity	Tanıl Kocagöz

28.05.2010 FRIDAY

08:30 – 09:10	Specific Sensory Systems Ear	Melike Şahiner (PHY)
09:20 – 10:00	Specific Sensory Systems Ear	Melike Şahiner (PHY)
10:10 – 10:50	Receptive Fields and Retinal Processing	Beki Kan (BPH)
11:00 – 11:40	Receptive Fields and Retinal Processing	Beki Kan (BPH)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Oxidation of Lipids	Mustafa Serteser (BCH)
16:00 – 16:40	Oxidation of Lipids	Mustafa Serteser (BCH)

31.05.2010 MONDAY		
08:30 – 09:10	Golgi, Peroxisomes and Lysosomes	Mustafa Serteser (BCH)
09:20 – 10:00	Protein Metabolism	Abdurrahman Coşkun (BCH)
10:10 – 10:50	Protein Metabolism	Abdurrahman Coşkun (BCH)
11:00 – 11:40	Nature of Waves	Şule Öncül (PHS)
11:50 – 12:30	Nature of Waves	Şule Öncül (PHS)
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

01.06.2010 TUESDAY		
08:30 – 09:10	Histology of Taste, Buds and Olfactory system	Serap Arbak (HEM)
09:20 – 10:00	Physiology of Taste, Buds and Olfactory system	Melike Şahiner (PHY)
10:10 – 10:50	Theories of Psychopathology	Defne Eraslan (BSC)
11:00 – 11:40	Theories of Psychopathology	Defne Eraslan (BSC)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Differential Gene Expression and Clustering	Hasan Otu (MI)
14:20 – 15:00	Differential Gene Expression and Clustering	Hasan Otu (MI)
15:10 – 15:50	Differential Gene Expression and Clustering	Hasan Otu (MI)
16:00 – 17:30	Clinical Medicine, Preventive Medicine and Non-scientific Health Practices in view of Methodology	Yaman Örs (Conference)

02.06.2010 WEDNESDAY		
08:30 – 09:10	LAB: Histology of Eye and Ear	HISTOLOGY
09:20 – 10:00	LAB: Histology of Eye and Ear	HISTOLOGY
10:10 – 10:50	LAB: Electrooculogram	BIOPHYSICS
11:00 – 11:40	LAB: Electrooculogram	BIOPHYSICS
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50	An Interactive and Overall Evaluation: Topics, Problems, Approaches	Yaman Örs (Conference)
16:00 – 16:40	An Interactive and Overall Evaluation: Topics, Problems, Approaches	Yaman Örs (Conference)

03.06.2010 THURSDAY		
08:30 – 09:10	CMPS: Medical Humanities I	Nadi Bakırcı (PH), Pınar Topsever (FM) Yeşim Işıl Ülman (HME) Hülya Dündar Şahin (TUR)
09:20 – 10:00	CMPS: Medical Humanities I	
10:10 – 10:50	CMPS: Medical Humanities I	
11:00 – 11:40	CMPS: Medical Humanities I	
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Differential Gene Expression and Clustering	Hasan Otu (MI)
14:20 – 15:00	Functional and Pathway Analysis	Hasan Otu (MI)
15:10 – 15:50		
16:00 – 16:40		

04.06.2010 FRIDAY		
08:30 – 09:10	Anatomy of the Endocrine Organs	Jasna Gürbüz (ANA)
09:20 – 10:00	Biophysics of Auditory System	Şule Öncül (BPH)
10:10 – 10:50	Biophysics of Auditory System	Şule Öncül (BPH)
11:00 – 11:40	Development of the Eye and the Ear	Yasemin Ersoy Çanilloğlu (HEM)
11:50 – 12:30	Development of the Eye and the Ear	Yasemin Ersoy Çanilloğlu (HEM)
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Protein Metabolism	Abdurrahman Coşkun (BCH)
16:00 – 16:40	Protein Metabolism	Abdurrahman Coşkun (BCH)

07.06.2010 MONDAY

08:30 – 09:10	Biophysics of Auditory System	Şule Öncül (BPH)
09:20 – 10:00	Biophysics of Auditory System	Şule Öncül (BPH)
10:10 – 10:50	Histology of the Endocrine Organs	Yasemin Ersoy Çanilloğlu (HEM)
11:00 – 11:40	Histology of the Endocrine Organs	Yasemin Ersoy Çanilloğlu (HEM)
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50	Medical English II	
16:00 – 16:40		

08.06.2010 TUESDAY

08:30 – 09:10	LAB: Biofeedback and Reaction Time	BIOPHYSICS
09:20 – 10:00	LAB: Biofeedback and Reaction Time	BIOPHYSICS
10:10 – 10:50	Biologic Components Human Behavior	Defne Eraslan (BSC)
11:00 – 11:40	Biologic Components Human Behavior	Defne Eraslan (BSC)
11:50 – 12:30	Biologic Components Human Behavior	Defne Eraslan (BSC)
13:30 – 14:10	Functional and Pathway Analysis	Hasan Otu (MI)
14:20 – 15:00	Functional and Pathway Analysis	Hasan Otu (MI)
15:10 – 15:50	Biomarker Discovery	Hasan Otu (MI)
16:00 – 16:40		

09.06.2010 WEDNESDAY

08:30 – 09:10	Physiology of Endocrine System	Melike Şahiner (PHY)
09:20 – 10:00	Physiology of Endocrine System	Melike Şahiner (PHY)
10:10 – 10:50	LAB: Histology of the Endocrine Organs	HISTOLOGY
11:00 – 11:40	LAB: Histology of the Endocrine Organs	HISTOLOGY
11:50 – 12:30	Self-directed Learning Hour	
13:30 – 14:10	LAB: Anaerobic Glycolysis	BIOCHEMISTRY
14:20 – 15:00	LAB: Anaerobic Glycolysis	BIOCHEMISTRY
15:10 – 15:50	LAB: Anaerobic Glycolysis	BIOCHEMISTRY
16:00 – 16:40	LAB: Anaerobic Glycolysis	BIOCHEMISTRY

10.06.2010 THURSDAY

08:30 – 09:10	CMPS: Medical Humanities I	Nadi Bakırcı (PH), Pınar Topsever (FM) Yeşim Işıl Ülman (HME) Hülya Dündar Şahin (TUR)
09:20 – 10:00	CMPS: Medical Humanities I	
10:10 – 10:50	CMPS: Medical Humanities I	
11:00 – 11:40	CMPS: Medical Humanities I	
11:50 – 12:30	CMPS: Medical Humanities I	
13:30 – 14:10	Biomarker Discovery	Hasan Otu (MI)
14:20 – 15:00	Biomarker Discovery	Hasan Otu (MI)
15:10 – 15:50		
16:00 – 16:40		

11.06.2010 FRIDAY

08:30 – 09:10	LAB: Electron Transport Chain	BIOCHEMISTRY
09:20 – 10:00	LAB: Electron Transport Chain	BIOCHEMISTRY
10:10 – 10:50	LAB: Electron Transport Chain	BIOCHEMISTRY
11:00 – 11:40	LAB: Electron Transport Chain	BIOCHEMISTRY
11:50 – 12:30	Development of Endocrine Organs	Yasemin Ersoy Çanilloğlu (HEM)
13:30 – 14:10	Medical English II	
14:20 – 15:00	Medical English II	
15:10 – 15:50		
16:00 – 16:40		

14.06.2010 MONDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

15.06.2010 TUESDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

16.06.2010 WEDNESDAY		
08:30 – 09:10	Practical Committee EXAMINATION	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		

17.06.2010 THURSDAY		
08:30 – 09:10	Theoretical Committee EXAMINATION	
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

18.06.2010 FRIDAY		
08:30 – 09:10		
09:20 – 10:00		
10:10 – 10:50		
11:00 – 11:40		
11:50 – 12:30		
13:30 – 14:10		
14:20 – 15:00		
15:10 – 15:50		
16:00 – 16:40		

Anatomy: ANA; Behavioral Sciences: BSC; Biochemistry: BCH; Biophysics: BPH; Biostatistics: BIS; Chemistry: CHE; Clinical Medicine & Professional Skills: CMPS; Family Medicine: FM; Histology and Embryology: HEM; History of Medicine & Ethics: HME; Medical Biology and Genetics: MBG; MI: Medical Informatics; Microbiology: MCB; Nursing Department: ND; Physics: PHS; Physiology: PHY; Public Health: PH



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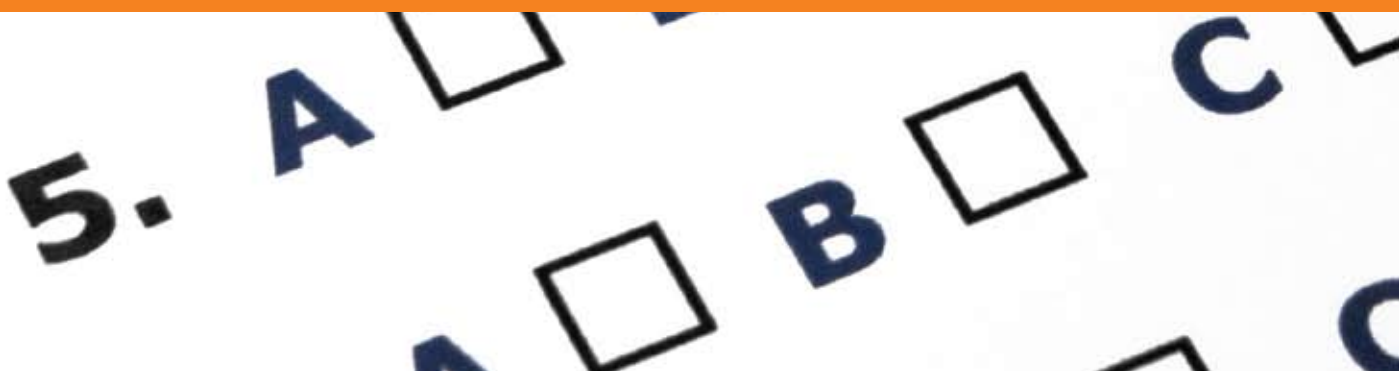
SCHOOL OF MEDICINE

TEST



FINAL EXAMINATION

02.07.2010



OTHER COURSES

FALL

COURSE NAME	THEORETICAL HOUR	PRACTICAL HOUR	PREPARATION HOUR	CREDIT	ECTS
ATATÜRK'S PRINCIPLES & HISTORY OF REVOLUTION I	28		4	2	1
TURKISH LANGUAGE & LITERATURE I	28		4	2	1
ELECTIVE COURSE I*	28		4	2	1
MEDICAL ENGLISH I	16	49	6	2	3

SPRING

COURSE NAME	THEORETICAL HOUR	PRACTICAL HOUR	PREPARATION HOUR	CREDIT	ECTS
ATATÜRK'S PRINCIPLES & HISTORY OF REVOLUTION II	28		4	2	1
TURKISH LANGUAGE & LITERATURE II	28		4	2	1
ELECTIVE COURSE II*	28		4	2	1
MEDICAL ENGLISH II	16	62	6	2	3

* History of Art, History of Science, Health and Drama

YEAR 1 TOTAL CREDITS: 63



ATATÜRK'S PRINCIPLES & HISTORY OF REVOLUTION

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

Aims:

This course is a survey of modernization process of Turkey from the 19th century onwards. It deals with topics in the economic, social and political history focusing on Turkish revolution known as “Atatürk’s revolutions”. The course will explore the characteristics of Turkish Revolution in comparison with revolutions of the modern age in both Western and Eastern states. The students will learn about the impact of the Age of Enlightenment and the French Revolution on both the collapse of the Ottoman Empire and the founding principles of the modern Turkish Republic.

Learning outcomes:

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

- gain knowledge on social, economic and political developments in the 19th and early 20th century of Turkey
- become familiar with notions of modern political concepts such as nationalism and bourgeois revolution to understand the nature of Turkish revolution
- explore the continuities and change from the Ottoman Empire to the Republic
- get a comprehensive view on the formation and structure of the Turkish Revolution through a comparative perspective
- learn in-depth about external and internal problems in building a Republic
- get different historiographical views on Atatürk’s revolutions and principles
- learn about the impact of Atatürk and Turkish Revolution in other countries
- understand the aims and goals of Atatürk
- learn about early Republican Era and transition to multi-parliamentary era

TURKISH LANGUAGE & LITERATURE

Hülya DÜNDAR ŞAHİN, Ph.D., Instructor

Aims:

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

Learning Outcomes:

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

- explain the features of written language
- define the rules for written explanation
- describe grammar rules
- indicate the rules for punctuation
- describe the concepts of writing an essay
- define the methods to express himself

ELECTIVE COURSE: HISTORY OF ART

HISTORICAL AND CULTURAL ASPECTS OF ISTANBUL; TALES ABOUT WORLD AND TURKISH ARTS; ANATOLIAN CIVILIZATIONS

Haldun HÜREL

Aims:

This course aims to reflect cultural knowledge to our intellectual life.

Learning Outcomes:

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

- explain İstanbul's culture, art and history along with its cultural heritage from 2700 years of its own history
- analyze both Turkish and global arts
- classify all the civilizations established in Anatolia in BC and AC periods
- point out the current cultural effects of these Anatolian civilizations

ELECTIVE COURSE: HEALTH AND DRAMA

Şirin PARKAN, M.D.

Aims:

This course aims to provide to students redounded levels of comments and criticism for previously gathered knowledge and skills. Students will be oriented to ameliorate their sensibility for ethical and social problems together with their intellectual levels and self-representations.

Learning Outcomes:

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

- create an history through dramatization
- discuss and compare types of acting
- investigate designs and forms
- declare his own opinion about historical and sociopolitical importance of drama
- express himself
- develop a clear and comprehensible language
- create an attitude open to corporal and verbal communication

ELECTIVE COURSE: HISTORY OF SCIENCE

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

Aims:

This course examines the development of science in society. The survey starts with earliest scientific ideas progressing to science in the modern era with special emphasis on defining science within the cultural context of the age. The students will learn not only about great scientific achievements but also about how definition of science changed over time and how the boundary issues between science and pseudo-science and other cultural traditions such as religion are resolved. Through the analysis of advances, function and implication of science in society the students will get awareness on how science has changed over time and how these changes impacted on our world.

Learning Outcomes:

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

- gain knowledge on the change of science and its impact on society
- learn about great scientists, their roles on society, and their contributions
- became familiarized with cultural and intellectual movements that shape the functioning of science
- learn in-depth about the Age of Enlightenment and the Scientific Revolution
- explore what scientific thinking, inquiry and scientific methods are from the Early ages until the 21st century
- became familiarized with discussions and debates on/between philosophy, science and religion
- learn about development of social sciences

CLASSROOMS

COURSES	FLOOR	ROOM NUMBER
COMMITTEE LECTURES	1	104
MEDICAL INFORMATICS	0	Computer Lab
MEDICAL ENGLISH	1 & 0	104 & Computer Lab
ELECTIVE COURSE: Health and Drama	1	101
ELECTIVE COURSE: History of Art	1	104
ELECTIVE COURSE: History of Science	1	105
ATATÜRK'S PRINCIPLES & HISTORY OF REVOLUTION	1	104
TURKISH LANGUAGE & LITERATURE	5	501
CLINICAL MEDICINE & PROFESSIONAL SKILLS: CMPS	1 & -1	104 & Clinical Skills Lab I & II
LABORATORY COURSES	-1	Multidisciplinary Lab I & II
ANATOMY LABORATORY	-1	Dissection Lab
CONFERENCES and SEMINARS	0	Conference Room



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MEDICINE IS A WAY OF LIFE



"Surgeons consulting a textbook"



"I'm afraid we can't accept you as a medical student, your handwriting is far too legible."



"Couldn't find anything wrong with this one. maybe he's just lazy."

MEDICINE IS A WAY OF LIFE



"You win some, you lose some. Don't worry about it. No one's keeping score."



"I have a golf outing today, so my son will be operating on you instead. Don't worry, he has a sold 'C' average in medical school."



"It's bad news-your illness isn't on our performance targets."