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

M. Atatürk

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MESSAGE FROM THE RECTOR

Dear Students,

It is a pleasure for me to welcome you to our Medical School. Established in 2007 Acıbadem University (ACU) School of Medicine is a young school compared to its peers. Our faculty is idealistic, dynamic and innovative. What we aim is to strive to excellence via our tripartite mission of education, research and high-quality patient care. We are committed to educate tomorrow's doctors provided with a high quality scientific knowledge, well developed clinical skills and utmost venerable behaviour towards their patients, peers, contemporaries and their society.

The new generation of physicians will witness huge changes in medical practice. There will be continuing developments in biomedical sciences and clinical practice, new health priorities, rising expectations among patients and the public, and changing societal attitudes.
Tomorrow's doctor has to be aware and well prepared to constant changes in disease behavior, advances in biomedical and information technologies, environmental transformations , major threats to human health and legal/ ethical aspects of medical profession. He/she has to be competent in profession, committed to improve the health of his/her society and always proactive in prevention and treatment of diseases. He/she is responsible for developing him/herself by continuous medical education, for disseminating the new information to the scientific arena and the society he/she lives in.

At Acıbadem University School of Medicine we are proud of being a superb group of extremely motivated faculty, well known in the scientific and professional field by their achievements, research and publications. But what makes our difference lies in the dedication of our staff to medical education in all aspects. As experienced coaches and mentors who continue to be compassionate learners at all times, we believe that by helping to develop the well educated competent, sociable physician provided with the best of scientific knowledge, human values and leadership skills we will help to ameliorate the health conditions of our country and that of the world.

Our aim is not to "teach" by formal lectures, boring sessions and long standing talks. Our students are expected to acquire the information by themselves pushed by scientific curiosity, fired by motivation and competition with their peers. Our principle is to promote " self directed learning !" but always complimented with the apprenticeship from the "masters" as the tradition of medicine implicates.

Here at Acıbadem 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 economics, fine arts, foreign languages and many others !

The curriculum of our medical school is unique by its content. It took a long time and effort to elaborate it. This program, based essentially 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 is getting mature by a close collaboration of the educators and the students. The program aims excellence in the acquisition of high standard medical knowledge, competence in the use of biomedical technologies but most of all a great inspiration for scientific research. Through the history to the future horizons the students will get prepared for new discoveries which will enlighten the human fate.

We intend to be international, multicultural, humanistic, and highly competent in theoretical and applied medicine. This year we have accepted foreign students which will make our universe even richer and more diverse. As faculty, we need to assure that our students possess 'intercultural competence'-the multiple abilities that allow one to interact effectively and appropriately across cultures."

As the president of a young and dynamic University relying upon the vast experience and high reputation of Acıbadem Health Group, I believe that our medical school has a bright future and will rank among the prestigious institutions across the continent by providing high quality standards in medical education, research and practice of medicine .

Welcome to Acıbadem University School of Medicine, a big family of "philanthropists" and I wish you all the best for a productive academic year.

Prof. Dr. M. Necmettin Pamir
Rector

MESSAGE FROM THE DEAN

Dear Students,

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

The medical school at Acıbadem University is a powerful organization. Although it was established in year 2007, accepting its first students in 2009, the whole story started when Acıbadem Health Group opened up its first hospital on the Asian site of Istanbul in 1991. Building know-how and experience over the years matriculated into Acıbadem University and the Medical School. Currently, Acıbadem Health Group (AHG) is running 9 hospitals with 1150 beds, hiring 1500 medical doctors and 9000 personnel all over Turkey. The medical school is the inevitable end product of this leading force, which is serving the community since 1991. All of these hospitals being armed with the state of the art facilities and cutting edge technologies are in your service from the very first day of your education.

The academic staff is strong at Acıbadem University Medical School. Hundred and eighty enthusiastic academic personnel are readily available to educate you to perfection all around the year and clock. Hundred of these medical faculties with academic titles were chosen from the AHG with diverse research capabilities and clinical skills. Eighty of the teachers were recruited from national and international sources. The entire medical faculty is full time practicing in the Medical school. We have forty basic science academic staff that is fully functional in our campus building and also operating through the state of the art Acıbadem Health Group Lab Med laboratories performing active research and creating a rich and productive educational environment for you. We aimed to accomplish a family environment for you. The medical faculty was trained intensively and this new team's continuing education is still under progress in an effort to give you the best medical education.

The curriculum development committee prepared you an exciting and enjoyable program after two years of vigorous work. It was refined to perfection with some changes this year. It's unique in many ways. The medical disciplines are taught in an integrated way relayed by theoretical and practical courses. The integrated blocks are well nourished by clinical medicine and professional skills (CMPS) courses. The CMPS the mostly we are proud of enables you to get in touch with the patients from very first day. CMPS also allows you to improve the practical aspects of your medical performance in a simulated fashion. It is well harmonized with courses containing research methodology, medical humanity and ethical issues. In addition, you will be apart of interactive modules. You will try to solve a medical problem in an interdisciplinary fashion that will foster your reasoning and research capabilities in each of these classes. One of the revolutionary parts of the curriculum is the intensive medical informatics courses that are reflection of our vision about the new millennium's physician. These courses are spread out the first and second year. They are mostly comprised of teaching basic medical informatics the first year. The second year is scrambled with bioinformatics and biomedical technologies in order to serve the needs of a scientist in the new millennium. Medical English classes support the language of education the first three years. More over, the electives and especially the enrichment lectures will help you improve your intellectual capacity. The assignment of a mentor to each student favors apprenticeship education establishing a family environment. I think we could not use this effective tool if we were not hire this highly qualified numerous medical faculty.

Finally and lastly our new campus will most likely host its first habitants with state of the art teaching and social facilities in year 2011. It will have the cutting edge technologies reflective of AHG highest medical and engineering standards.

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

Prof. Dr. Hasan Tanyeri
Dean

OUR AIM, MISSION and VISION

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

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

- Apply biomedical, social/behavioral science principles, scientific knowledge and method to the practice of medicine.
- Apply public health principles and methods and to prevent the common diseases, protect and promote the health of individuals, families and community.
- Provide standard care to patients- know how to obtain an accurate medical history; perform physical examination; perform commonly used diagnostic investigations and how to apply evidence based treatment protocols.
- Provide efficient care in medical emergencies.
- Respect patient rights; their dignity, autonomy, integrity and confidentiality.
- Apply the universal human rights principles to medical practice.
- Adhere strictly to ethical principles and legal rules in his/her clinical practice and research activities.
- Recognize the health problems of his/her country and global health issues that will improve the health status of people national and internationally.
- Display effective oral and written communication skills with patients and colleagues in a medical context.
- Analyze the social determinants of health, the impact of various social, economical and cultural factors which might affect health conditions.
- Formulate hypotheses and perform all steps of a medical research, for the solution of problems and communicate the results.
- Use information technology effectively in medical practice.

Our mission is to create the physician of integrity of high quality service, who are committed to mentoring and philanthropy while providing the best healthcare.

Our vision is to be rated 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”.

ADMINISTRATION

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- Department of Histology and Embryology
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- Department of Medical Biochemistry
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- 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
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- Department of Psychiatry
- Department of Pulmonary Medicine
- Department of Public Health
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- Department of Neurosurgery
- Department of Obstetrics and Gynecology
- Department of Ophthalmology
- Department of Orthopedics and Traumatology
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Hatice ALAGÖZ

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İnci USER, Ph.D. Assoc. Prof.
Yeşim YASİN, MSc.

LIBRARY

Murat GÜNDOĞDU
Hilal GÖÇMENER

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 has more than 11,000 book collections and over 1200 serial publications. Six 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: HUMAN BODY: STRUCTURES, FUNCTIONS AND PATHOLOGIES
YEAR 3: HUMAN BODY: STRUCTURES, FUNCTIONS AND PATHOLOGIES
YEAR 4: CLINICAL SCIENCES, DIAGNOSIS & THERAPY/ CLERKSHIP
YEAR 5: CLINICAL SCIENCES, DIAGNOSIS & THERAPY/ CLERKSHIP
YEAR 6: INTERNSHIP/ FAMILY MEDICINE

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

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

YEAR 3				
SUBJECT COMMITTEES - THE HUMAN BODY: STRUCTURES, FUNCTIONS AND PATHOLOGIES				
Cardiovascular System and Related Disorders	Gastrointestinal System and Related Disorders	Nervous System and Related Disorders	Growth and Metabolism and Related Disorders	Urogenital System and Related Disorders
CLINICAL MEDICINE AND PROFESSIONAL SKILLS V-VI				
MEDICAL ENGLISH ELECTIVE COURSES ENRICHMENT LECTURES				

YEAR 4 AND 5 CLINICAL CLERKSHIP

YEAR 6 FAMILY MEDICINE - INTERNSHIP

GENERAL DESCRIPTION OF THE MEDICAL EDUCATION PROGRAM

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

Our medical education programe features 3 phases:

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

- The education is based on an integrated curriculum. In this program, systems within the human body are described from the simplest units such as the cell to more complex systems including pathologies, in subject committees. In Phase I, groups of subject committees form a whole curriculum for a given year. In addition, there are special blocks such as Clinical Medicine and Professional Skills (CMPS), Medical Informatics, Biostatistics and Medical Technologies, Interactive Modules, Medical English and Elective Courses.

- The term "Subject committee" means that topics of a given subject like "cell" or "organ systems" are described in a coordinated manner by different departments. These committees contain both, theoretical lectures, practical studies and modules.
- Integrated programs within the subject committees will provide the equal participation of basic and clinical sciences to teach a particular organ system. As an example; the gastrointestinal system will be given in all aspects by contributions from basic sciences and clinical sciences. The courses include both, knowledge from basic sciences like anatomy, physiology, biochemistry and from clinical aspects like pathology, diagnosis, treatment and prevention.

- In Phase I, the curriculum consists of 14 subject committees; 4 in year I, 5 in year 2 and 5 in year 3.

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

- Clinical Medicine and Professional Skills (CMPS) is a three-year interdisciplinary program of Phase I. This program is organized by the Departments of Public Health and Family Medicine and features five courses: Clinical and Communication Skills, Health and Society, Research in Health, and Medical Humanities. The CMPS program has been designed as an initial introduction to medical professionalism, providing a knowledge and skills-mixed tool box. It aims to facilitate basic professional skills and competencies necessary for good medical practice as well as, to enhance personal and social development, fostering intellectual skills and humanistic values. A more detailed description of the CMPS Program can be found on the forth following pages.

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

education and research. Biomedical technologies courses help the students to understand the basic principles of medical diagnostic or therapeutic instruments, the development of which continue overwhelmingly fast in our era. These courses are expected to inspire innovative ideas that may lead to new medical discoveries.

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

• Year 6 is termed "Family Medicine Period" which lasts twelve months. The students take the responsibility of patient care under the supervision of teaching staff. Clinical rotations are absolved in Internal Medicine, Surgery and Emergency Care, Child Health and Diseases, Gynaecology and Obstetrics, Psychiatry and Public Health. The primary health care and community medicine perspective is incorporated in the training by clinical rotations in family health centres, community health centres and the outpatient clinic of the Department of Family Medicine.

EXAMINATIONS

• Each subject committee of Phase I features at least one subject committee mid-term exam, and a theoretical and practical subject committee exam held after each committee. Interactive modules have a separate examination. Clinical Medicine and Professional Skills courses are evaluated according to their learning outcomes which may vary based on educational methods. At the end of each year a final exam is held featuring all subjects given throughout the year which has a weightened mean %40 percent of the total passing grade.

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

GRADING SYSTEM

• For each year of Phase I , the course grades consist of 60% of course examinations and 40% of final examination. Passing grades are calculated according to national credits of a given course.

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

CREDITS

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

• For further information please consult the "Students' Education and Assessment Rules" on the official website of the School of Medicine.

CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) PROGRAM

Introduction and General Overview:

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

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

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

*essential, must have

Summary of the Courses:

"Communication and Clinical Skills" Courses:

The ***"Basic Communication Skills"*** course in the first year aims to present an overview about the concept and tools of communication in general and their particular importance in the practice of the medical profession. In the ***"Clinical and Communication Skills"*** course within the second year, students are required to develop competencies for effective, culture- and case-sensitive, person-centered physician-patient communication fostering their personal and professional growth and complementing the practice based clinical curriculum. Furthermore, this course will provide the students with opportunities to develop competency in history taking and physical examination techniques via simulated patient encounters and training on models, respectively. In the third year, the ***"Advanced Communication Skills"*** course will foster the students' ability to master challenging situations requiring specific communication skills like difficult patients, breaking bad news, end of life issues and dealing with cultural diversity. Communication with colleagues (in a medical context) and communication of the physician with society in health education activities and public health campaigns, as well as, scholarly communication (communicating about scientific issues) is also dealt within this course.

"Medical Ethics and Humanities" Courses:

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

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

"Health and Society" Courses:
These courses will provide the students with opportunities to observe the relationship between health, ill health and political, environmental, societal and cultural factors in a community-based setting via early contact with patients and healthy individuals. The students will have the chance to observe and attend primary health care services within the Turkish health care system. Furthermore, they are required to get an overview on health policy and health systems in different countries enabling them for comparisons.

"Research in Health" Courses:
These courses encompass planning and conducting a research project and presentation-publication of the results. Also, the students will gain an overview on evidence based medicine techniques and experience in critical appraisal by peer reviewing each others' papers with the aim to complete scientific curiosity with an analytic approach and research know-how.

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

Aims of the Program:

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

Training and Learning Methods:

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

Assessment and Evaluation Methods:

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

Laboratory Facilities:

The School of Medicine houses various laboratories equipped with the latest technologies.

The Multidisciplinary Laboratory-I is equipped with microscopes and dedicated to the study of Histology and Pathology, the Multidisciplinary Laboratory-II is used for studies of Biochemistry, Physiology and Microbiology subjects.

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

The Clinical Skills Laboratory holds various models and mannequins for the training of first aid and procedural skills like intramuscular injection, venipuncture, suturing and catheterization.

Laboratory Assistants:

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

2010-2011 ACADEMIC CALENDAR YEAR 1

FALL SEMESTER

MED 101 - Cellular Basis of Medicine *Subject Committee Examination*	Oct 6-Nov 26, 2010 *Dec 2-3, 2010*
MED 103 - Cellular Transport and Metabolism *Subject Committee Examination*	Dec 6, 2010 -Jan 28 2011 *Feb 3-4, 2011*
MED 105 - Clinical Medicine & Professional Skills-I *Subject Committee Examination*	Oct 7, 2010 -Jan 27, 2011 *Feb 3-4, 2011*
MED 107 - Medical Informatics and Biostatistics *Subject Committee Examination*	Oct 7, 2010- Jan 27, 2011 *Jan 27, 2011*
ENG 101 - Medical English-I *Course Examination*	Oct 7, 2010- June 07, 2011 *June 07, 2011*
ELE 101 - Elective Course- I *Course Examination*	Oct 12, 2010- Jan 25, 2011 *Jan25, 2011*
TUR 101 - Turkish Language and Literature *Course Examination*	Oct 6,2010- Jan 26, 2011 *Jan 26, 2011*
ATA 101 - Atatürk Principles and History of Revolution *Course Examination*	Oct 11, 2010- Jan 24, 2011 *Jan 24, 2011*
Semester Break	**Feb 7-18, 2011**

SPRING SEMESTER

MED 104 - From Cell to Tissue/ Tissue to Organ *Subject Committee Examination*	Feb 21- Apr 13, 2011 *Apr 21-22, 2011*
MED 106 - Body Functions and Human Behavior *Subject Committee Examination*	Apr 25- June 15 *June 23-24, 2011*
MED 108 - Clinical Medicine & Professional Skills-II *Subject Committee Examination*	Feb 24- June 16, 2011 *June 23-24, 2011*
ENG 102 - Medical English-II *Course Examination*	Feb 21-June 10, 2011 *June 10, 2011*
ELE 102 - Elective Course- II *Course Examination*	Feb 22- May 31, 2011 *May 31, 2011*
TUR 102 - Turkish Language and Literature *Course Examination*	Feb 23-June 1, 2011 *June 1, 2011*
ATA 102 - Atatürk Principles and History of Revolution *Course Examination*	Feb 21-June 06, 2011 *June 06, 2011*
Year 1 Final Examinations	**July 7-8, 2011**
Announcement of Final Examination Scores	**July 15, 2011**

2010-2011 ACADEMIC CALENDAR YEAR 2

FALL SEMESTER

MED 201 -	**Cell and Tissue Injury I** *Subject Committee Examination*	Sep 13- Oct 12, 2010 *Oct 14-15, 2010*
MED 203 -	**Cell and Tissue Injury II** *Subject Committee Examination*	Oct 18- Nov 29, 2010 *Dec 2-3, 2010*
MED 205 -	**Hematopoietic and Immune System And Related Disorders** *Subject Committee Examination*	Dec 06, 2010 - Jan 21, 2011 *Jan 26-27, 2011*
MED 207 -	**Clinical Medicine & Professional Skills-III** *Subject Committee Examination*	Sep 14, 2010 - Jan 11, 2011 *Jan 26-27, 2011*
MED 209 -	**Medical Informatics and Biomedical Technologies** *Course Examination*	Sep 13, 2010- May 28, 2011 *June 03, 2011*
ENG 201 -	**Medical English-III** *Course Examination*	Sep 13, 2010- Jan 21, 2011 *Jan 28, 2011*
ELE 201 -	**Elective Course- III** *Course Examination*	Sep 13, 2010- Jan 21, 2011 *Jan 21, 2011*
Semester Break		**Jan 31- Feb 11, 2011**

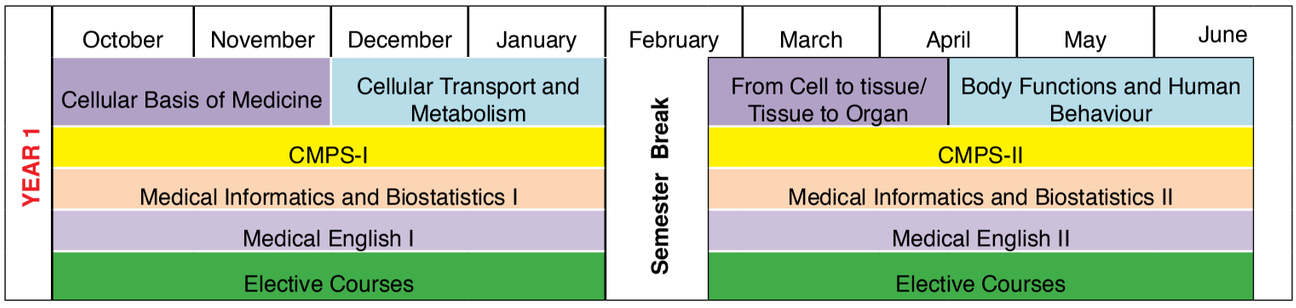
SPRING SEMESTER

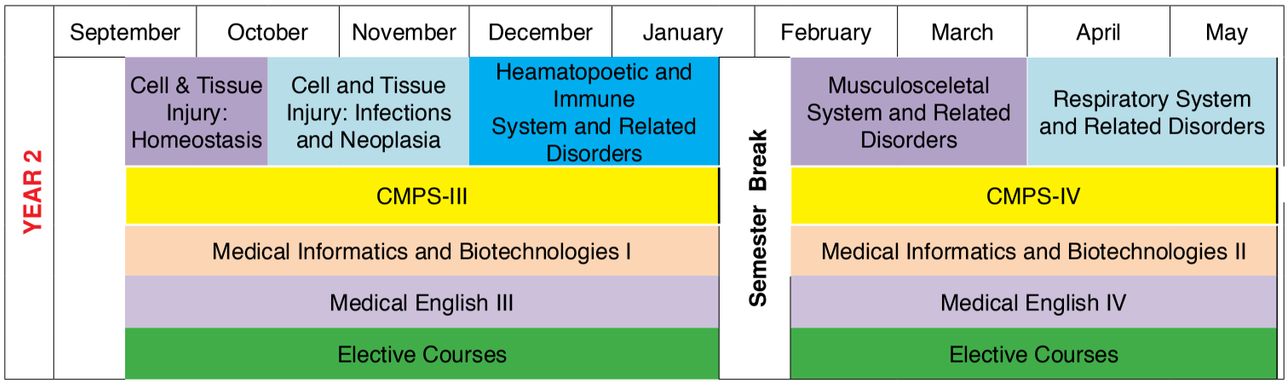
MED 206 -	**Musculoskeletal System and Related Disorders** *Subject Committee Examination*	Feb 14- Apr 01, 2011 *Apr 5-6, 2011*
MED 208 -	**Respiratory System and Related Disorders** *Subject Committee Examination*	Apr 07- May 26, 2011 *May 31- June 01, 2011*
MED 210 -	**Clinical Medicine & Professional Skills-IV** *Subject Committee Examination*	Feb 11- May 11, 2011 *May 31- June 01, 2011*
ENG 202 -	**Medical English-III** *Course Examination*	Feb 20- May 28, 2011 *June 03, 2011*
ELE 202 -	**Elective Course- III** *Course Examination*	Feb 20- May 28, 2011 *May 28, 2011*
Year 2 Final Examinations		**June 15-16, 2011**
Announcement of Final Examinations Scores		**June 24, 2011**

Holidays

October	29, 2010
November	16-19, 2010
January	1, 2011
March	14, 2011
April	23, 2011
May	19, 2011

CURRICULUM MAP

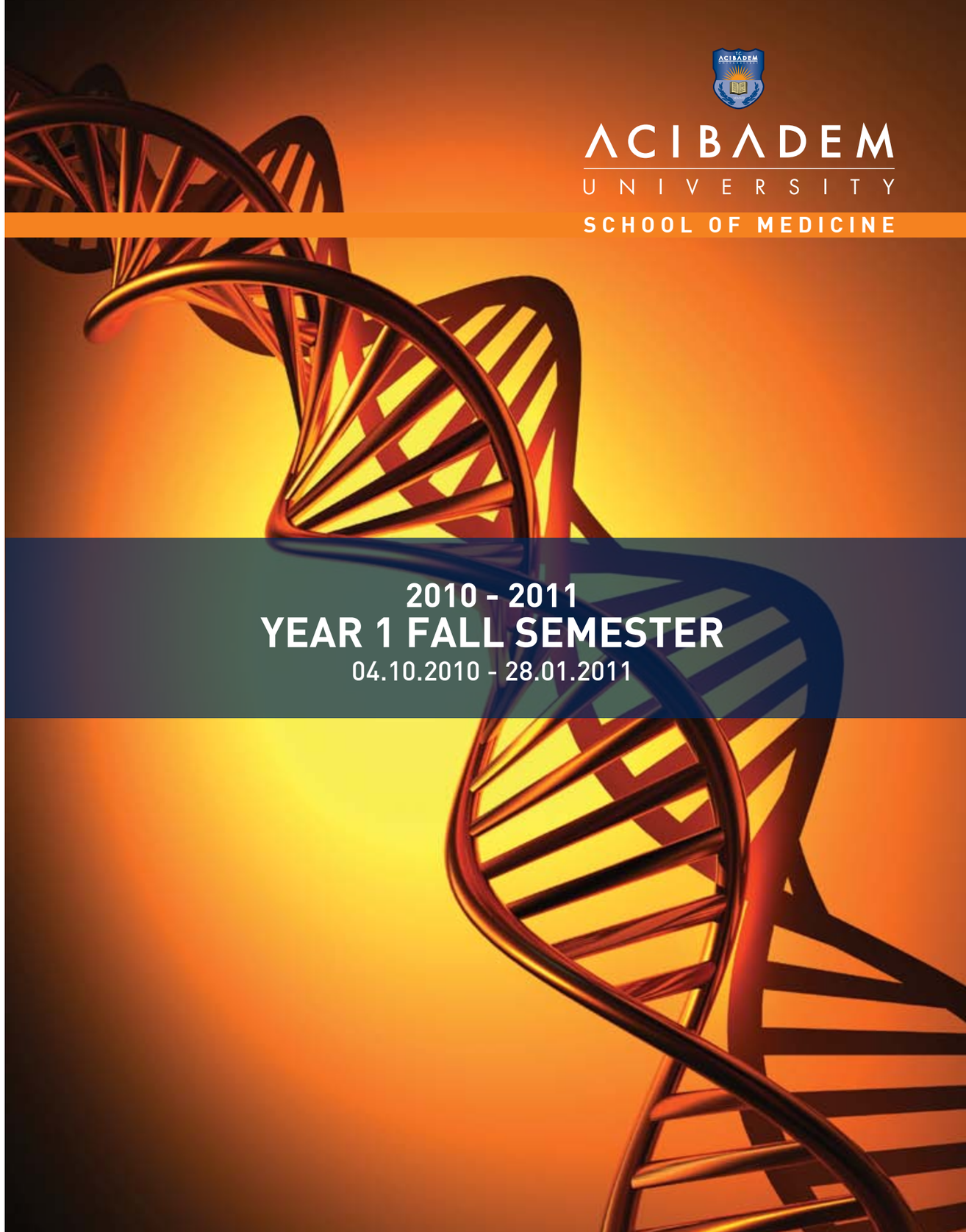




YEAR 1 CURRICULUM 2010-2011

SUBJECT COMMITTEES

I	Cellular Basis of Medicine	Oct 06-Nov 26
II	Cellular Transport and Metabolism	Dec 06-Jan 28
III	From Cell to Tissue / From Tissue to Organ	Feb 21-Apr 15
IV	Body Functions and Human Behavior	Apr 25-Jun 17
	CMPS-I	Oct 07-Jan 28
	CMPS-II	Feb 21-Jun 11
	MEDICAL INFORMATICS & BIOSTATISTICS	Oct 07-Jun 07



YEAR I HOURS and CREDITS

FALL SEMESTER

COURSES	Theoretical Hour			Practical Hour			Study Time	Total	National credits	ECTS
	Lectures	IALS	Sub Total	Lab study	Field study	Sub Total				
Cellular Basis of Medicine	74	0	74	11	0	11	96	181	6	7
Cellular Transport and Metabolism	68	4	72	9	5	14	92	178	6	7
Clinical Medicine & Professional Skills-I	15	35	50	10	20	30	90	170	5	6
Medical Informatics and Biostatistics	10	0	10	57	0	57	15	82	3	3
Medical English-I	16	0	16	52	0	52	10	78	3	3
Atatürk Principles and History of Revolution	28	0	28	0	0	0	5	33	2	1
Turkish Language and Literature	28	0	28	0	0	0	5	33	2	1
Elective Course-I	28	0	28	0	0	0	5	33	2	1
FALL TOTAL	**267**	**39**	**306**	**139**	**25**	**164**	**318**	**788**	**29**	**29**

IALS Interactive Learning Sessions (Panels, debates, discussions, symposia, case studies, problem-based learning sessions, etc.)
Field Study Site visits, Studies in the community, Working in health facilities
Lab Study Clinical skills labs, Basic sciences labs, Computer labs, Performance sessions
Study Time Self Directed Learning, Preparation

YEAR I COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	74	Credit	ECTS
			Practical (Hour)	11		
Cellular Basis of Medicine	MED 101	Fall	Study time (Hour)	96	6	7

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committe Chairs	Assoc. Prof. M. Cengiz Yakıcıer; mcengiz.yakicier@acibadem.edu.tr Assist. Prof. Şule Öncül; sule.oncul@acibadem.edu.tr
Academic Units & Staff	**Behavioral Sciences:** Defne ERASLAN ÖZTÜRK, M.D., Assist. Prof. **Biophysics:** Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. **Chemistry:** Mert ÜLGEN., Ph.D., Prof. **Histology & Embryology:** Serap ARBAK, Ph.D., Prof. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Instructor **Medical Biochemistry:** Aysel ÖZPINAR, D.V.M. Ph.D., Prof. İbrahim ÜNSAL, M.D., Ph.D., Assoc. Prof. **Medical Biology:** Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D. Ph.D., Instructor **Medical Microbiology:** Tanıl KOCAGÖZ, M.D., Ph.D., Prof. **Physics:** Şule ÖNCÜL, Ph.D., Assist. Prof.
Course Duration	06.10.2010-03.12.2010
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars
Assessment Methods	Theoretical and Practical Examinations, Homeworks, Presentations, Discussions
Course Aims	This subject committee aims to provide necessary knowledge about the functional structure of a cell including its building blocks and organelles. DNA replication processes and cell division will explained. Basic information about the origin of life, heredity together with flow of genetic information, molecular basis of genetic diseases, and principles of gene therapy will be described. Biology and genetics of human behavior will be discussed. Principles of chemistry, biophysics and biochemistry in medicine will be also defined.

Learning Outcomes	By the end of this committee, the students will be able to: • review basic information and theories about the cellular organizations that constitute life at molecular level • discuss the discovery, mechanisms and evidences of evolution • summarize the history of dna discovery and describe the structure of dna and rna • define the cell at ultrastructural level • correlate and interpret organelle ultrastructure and its function • identify and compare the structural elements of different cells • explain the cell division process, identify and compare mitosis & meiosis • recognize the gene organization, structure and function • explain biological process of dna replication and recombination process • classify dna damage and identify dna repair mechanisms • explain the basic principles of dna packaging, chromatin formation and maintenance • discuss control of cell cycle and molecular mechanisms of apoptosis • describe the basic principles of flow of genetic information • explain the principles of clinical cytogenetics, patterns of inheritance, mendelian and non-mendelian genetics including population genetics • distinguish and define mutations and polymorphisms including classification of different types • explain the molecular basis of genetic diseases including chromosomal anomalies • recognize tools of molecular biology and genetics used in medicine • observe and isolate human genomic dna from whole blood and check it on agarose gel • characterize genetics of cancer cells and state the importance of oncogenes, tumor suppressor genes and two-hit hypothesis in cancer • discuss pharmacogenetics and explain basic principles of gene therapy with examples • summarize the biology and genetics of human behavior • indicate the connections of biophysics with other branches of science • give examples to important contributions of biophysics to medicine • define atom, element, molecule and matter • describe the properties of different types of bonds • explain the basic laws of one and two-dimensional movements and also define the physical units and measurements • recall acids, bases, salts, ionization and ph • recognize metals and non-metals in living organisms • classify bonds and properties of inorganic and organic compounds • explain concentration units and important analytical calculations and role of functional groups in medicine • explain the importance of radioactivity in medicine • define chemical reactions of important organic molecules in medicine and effects of these molecules in living organisms • describe the basic principles of medical biochemistry, explain the functions of metabolism and discuss metabolic pathways

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	72	Credit	ECTS
			Practical (Hour)	14		
Cellular Transport & Metabolism	MED 103	Fall	Study time (Hour)	92	6	7

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committe Chairs	Prof. Beki Kan; beki.kan@acibadem.edu.tr Dr. Deniz Ağırbaşlı; deniz.agirbasli@acibadem.edu.tr
Academic Units & Staff	**Biophysics:** Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof. **Chemistry:** Mert ÜLGEN., Ph.D., Prof. **Medical Biochemistry:** İbrahim ÜNSAL, M.D., Assoc. Prof. Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Tamer İNAL, M.D., Assist. Prof. **Medical Biology:** Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D, Ph.D., Instructor **Physics:** Şule ÖNCÜL, Ph.D., Assist. Prof. **Physiology:** Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof. **Radiology:** Canan ERZEN, M.D, Prof. Olcay ÇİZMELİ, M.D., Assoc. Prof.
Course Duration	06.12.2010-04.02.2011
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars
Assessment Methods	Theoretical and Practical Examinations, Homeworks, Presentations, Discussions
Course Aims	The aim of this committee is to lay the grounds for understanding the structure of biological macromolecules, the physical and functional properties of the cell membrane, transport mechanisms, cellular homeostasis, metabolic pathways within the cell and cellular signaling, using an interdisciplinary and molecular approach. Topics related to the mitochondrial genome, recombinant DNA technology, the human genome project, as well as basic concepts of electricity, thermodynamics and radiological imaging will be presented. Students will also be informed on the philosophy and methodology of interactive learning modules.

Learning Outcomes	By the end of this committee, the students will be able to: • give an outline of endogenous organic compounds in the body • define the molecular basis of chemical reactions related to living cells • explain the structure of biological membranes and their components • indicate the functions of membrane proteins • describe the physical principles of movement of molecules across membranes • review signaling mechanisms within and among cells • list properties of electric charges, insulators, conductors and capacitors • describe the electrical potential due to point charges and electric dipole • name factors that affect the resting membrane potential • explain the generation and phases of the action potential • describe propagation of the action potential by passive spread • state the properties and characteristics of the mitochondrial genome • explain the basic procedures of recombinant dna technology and its uses in diagnosis and treatment of disease • discuss the aims and outcomes of the human genome project and its implications in medicine • describe the structure and nomenclature of carbohydrates, proteins and lipids and their physiologic significance • explain the characteristics of enzymatic reactions from the viewpoint of free energy, equilibrium and kinetics • acquire knowledge on the flow of energy in nature and the laws of thermodynamics • illustrate how energy yielding reactions are driven • gain an overview of the energetics of glycolysis and oxidative phosphorylation • discuss the thermodynamic properties of water • acquire basic laboratory skills and observe separation and purification techniques of organic compounds

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	50	Credit	ECTS
			Practical (Hour)	30		
Clinical Medicine & Professional Skills (CMPS)-I	**MED 105**	**Fall**	**Study time (Hour)**	**90**	**5**	**6**

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
CMPS Coordinators:	Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	**Behavioral Science:** Kültegin ÖGEL, M.D., Assoc. Prof. Cem İNCESU, MD., Assoc. Prof. Defne ERASLAN, M.D., Assist. Prof. **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor **History of Medicine and Ethics:** Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof. **Physiology:** Melike ŞAHİNER, M.D., Ph.D., Assist. Prof. **Public Health:** Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor **Turkish Language:** Hülya DÜNDAR ŞAHİN, Ph.D., Instructor. **Affiliated Faculty** Yaman ÖRS, M.D., Prof. İbrahim KABOĞLU, PhD, Prof. Muhtar ÇOKAR, MD, PhD Yeşim YASİN, MSc. Şirin PARKAN M.D.
Course Duration	07.10.2010-28.01.2011
Educational Methods	Theoretical and practical sessions, drama, role play, peer discussions, experiential learning and seminars, case studies and group presentations.
Assessment Methods	Written examination, case analyzing, standardized evaluation of projects and performances and group presentations of assignments.
Course Aims	This course aims to; **Communication Skills:** provide necessary knowledge and skills about; • concept of communication • effective communication and its clinical competence • developing a sense of self awareness and respect for other individuals by empathy • the necessity for a patient centred approach **Medical Ethics and Humanities:** create a learning opportunity for students - understand the historical process of the evolution of contemporary medicine and to get acquainted with main principles of bioethics and medical ethics - develop an awareness about her/his role as a physician - comprehend the universal principles of human rights and the right to health

Learning Outcomes	By the end of this course, the students will; **Communication Skills:** • be aware that effective communication is a clinical competence and can be learned • explain the concept of communication • name the steps of communication process during medical interview, • be aware of the importance of communication skills for "good clinical practice" • distinguish different levels of active listening, • link communication steps to a structured and effective physician-patient interview • be self-aware of his/her communication skills • value respect for other individuals by empathy • be aware of the necessity to display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment **Medical Ethics and Humanities:** • aware of the evolution of medical practice by reviewing concepts and principles of philosophy of medicine • familiar with the concept of bioethics and medical ethics • to apply ethical discourse and methodology to a medical context *History of Medicine:* • identify the role and functions of physician and health care throughout the ages • explain the historical milestones of the evolution of medicine such as: o Hippocratic secular approach, o establishment of first medical schools, o progress of physical diagnosis, o the emergence of public health, o development of the scientific method and its impact on modern medicine *Physician's role in community:* • analyze the relationship between perception about physicians and the role of physicians in the community • identify the characteristics of the doctor patient relationship concerning its ambivalent and asymmetric features *Human rights and right to health:* • explain and analyze human rights and right to health o explain the evolution of human rights o summarize the content and formation of third generation of human rights o list the basic documents produced concerning human rights and interpret their contents o define the main components of the right to health o be aware of the position of the right to health within human rights o correlate the right to health to the healthcare service o identify the violation of right to health o correlate human rights to bioethics namely human dignity, respect to individual, self-determination, informed consent, bodily integrity, non-discrimination, privacy, confidentiality and equity

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	20	Credit	ECTS
			Practical (Hour)	118		
Medical Informatics and Biostatistics	MED 107	Fall/Spring	Study time (Hour)	30	6	6

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Course Coordinators	Tanıl Kocagöz, M.D., Ph.D., Prof. Murat Çinko, Ph.D., Assoc. Prof. Hülya Karayazı Kemal Kaplan
Academic Units & Staff	**Bioinformatics:** Sinan FINDIK, Instructor **Affiliated Faculty** **Biostatistics:** Murat ÇİNKO, Ph.D., Assoc. Prof. **Information Technologies:** Alp ÇAKAR Beyza KAYMAKOĞLU Kağan ÖZERHAN Bora GÖKÇE
Course Duration	07.10.2010-07.06.2011
Educational Methods	Theoretical and Practical Courses
Assessment Methods	Theoretical and Practical Examinations
Course Aims	The first part of this course examines Information Technology and its components used in Healthcare Organizations. The survey starts with the basics of computer hardware and software systems, the latest technology products and its usages and goes on with automation systems. During the course students will learn the basics of Information Technology, information security and confidentiality, usage of latest technology products especially Microsoft Office, healthcare automation systems like Hospital Information System (HIS), Laboratory Information Systems (LIB). The second part of this course is to examine how data turns out to be information. The definitions of statistics and presentation of data including numerical values will be explained. Probability concepts with important probability distribution will be given. Inferential statistics, Confidence interval and Hypothesis testing, will be defined. Both theoretical and applications of the methods will be thought. The third part of this course is to explain Inferential statistics techniques, Parametric and nonparametric methods and the difference between them. Regression and ANOVA will be presented with computer programs. Categorical data analysis methods, Logistic regression will be applied and problems will be solved by using the programs. The forth part of this course is to explain the basic concepts in bioinformatics and to use important data basis such as BLAST, NCBI. Differential Gene Expression and clustering, philogenetic analysis, sequencing and alignment will be described.

Learning Outcomes	By the end of this course, the students will be able to: • gain knowledge on computer systems. (Operating, hardware and software systems, databases.) • use Microsoft Office products professionally. • make data analyses by Microsoft Excel functionalities. • create basic web sites. • become familiarized with Hospital Automation Systems, patient records, entering, analyzing, monitoring records. • obtain and analyze patient health data. • point out their technological needs and solve them easily. • gain skills for making Medical researches. • gain skills about project management. • learn about the importance of Information Technology infrastructure for improving the Medical Science. • learn the business processes lifecycles of hospital management systems. • gain knowledge on definitions of statistics. • present data. • make data analyses by using statistical programs. • collect samples. • make inference about population. • differentiate a chance and scientific fact. analyze the data. • determine choosing appropriate statistical techniques according to the situations. • make an inference about the parameter value by using the sampling methods. • make proper scientific decision • review historical perspectives of bioinformatics • recognize access on bioinformatic data basis • use nucleic acid sequencing and alignement • describe and use differential gene expression and clustering • summarize functional pathway analysis • define philogenetic analysis • use BLAST on GenBank, NCBI and PDB protein structure data base search nucleic acid databases in PubMed

ACIBADEM
UNIVERSITY
SCHOOL OF MEDICINE

YEAR I FALL SEMESTER SCHEDULE

06.10.2010-04.02.2011

04.10.2010 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
13:30 – 14:10	Orientation		
14:20 – 15:00	Orientation		
15:10 – 15:50	Orientation		
16:00 – 16:40	Orientation		

05.10.2010 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		

06.10.2010 WEDNESDAY			
08:30 – 09:10	Introduction to the Course		M. Cengiz Yakıcıer
09:20 – 10:00	Origin of Life		Cemaliye Akyerli Boylu
10:10 – 10:50	Evolution and Genetics		Deniz Ağırbaşlı
11:00 – 11:40	Introduction to Biophysics		Beki Kan
11:50 – 12:30	Study Time		
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

07.10.2010 THURSDAY			
08:30 – 09:10	Introduction to CMPS		Nadi Bakırcı, Pınar Topsever
09:20 – 10:00	Intoduction to "CMPS: Basic Communication Skills Course"		Pınar Topsever
10:10 –12:30	CMPS Basic Communication Skills Basics of Communication		Efe Onganer Demet Dinç Melike Şahiner
13:30 – 14:10	Basic Computer Hardware Informations Section I		Alp Çakar
14:20 – 15:00	Basic Computer Hardware Informations Section I		Alp Çakar
15:10 – 15:50	Basic Computer Hardware Informations Section II		Alp Çakar
16:00 – 16:40	Basic Computer Hardware Informations Section II		Alp Çakar

08.10.2010 FRIDAY			
08:30 – 09:10	Nucleic Acids (DNA and RNA)		Cemaliye Akyerli Boylu
09:20 – 10:00	Genes and Heredity		Cemaliye Akyerli Boylu
10:10 – 10:50	Cell Organelles and Inclusions at Light and Electron Microscopic Level		Serap Arbak
11:00 – 11:40	Cell Organelles and Inclusions at Light and Electron Microscopic Level		Serap Arbak
11:50 – 12:30	Cell Organelles and Inclusions at Light and Electron Microscopic Level		Serap Arbak
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

11.10.2010 MONDAY			
08:30 – 09:10	DNA Replication		Deniz Ağırbaşlı
09:20 – 10:00	DNA Repair and Recombination		Deniz Ağırbaşlı
10:10 – 10:50	LAB: Basic LAB Skills-Microscope		Serap Arbak
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

12.10.2010 TUESDAY			
08:30 – 09:10	Biology and genetics of behavior		Defne Eraslan
09:20 – 10:00	Biology and genetics of behavior		Defne Eraslan
10:10 – 10:50	Biology and genetics of behavior		Defne Eraslan
11:00 – 11:40	LAB: Cell Types		Serap Arbak
11:50 – 12:30	LAB: Cell Types		Serap Arbak
13:30 – 14:10	Basic Operating System Informations Section I		Beyza Kaymakoğlu
14:20 – 15:00	Basic Operating System Informations Section I		Beyza Kaymakoğlu
15:10 – 15:50	Basic Operating System Informations Section I		Beyza Kaymakoğlu
16:00 – 17:30	Elective Course I		

13.10.2010 WEDNESDAY			
08:30 – 09:10	Vectors, forces, Newton's Laws		Şule Öncül
09:20 – 10:00	Vectors, forces, Newton's Laws		Şule Öncül
10:10 – 10:50	DNA Packaging and Cell Division Kinetics		Cemaliye Akyerli Boylu
11:00 – 11:40	Nucleus		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	Cell Division		Gözde Erkanlı Şentürk
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Basic Operating System Informations Section II		Beyza Kaymakoğlu
16:00 – 17:30	Basic Operating System Informations Section II		Beyza Kaymakoğlu

14.10.2010 THURSDAY			
08:30 –12:30	CMPS Basic Communication Skills Verbal Communication		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner
13:30 – 14:10	Office: Word Section I		Beyza Kaymakoğlu
14:20 – 15:00	Office: Word Section I		Beyza Kaymakoğlu
15:10 – 15:50	Office: Word Section II		Beyza Kaymakoğlu
16:00 – 16:40	Office: Word Section II		Beyza Kaymakoğlu

15.10.2010 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Cell Cycle and Apoptosis		Cengiz Yakıcıer
10:10 – 10:50	Cell Cycle and Apoptosis		Cengiz Yakıcıer
11:00 – 11:40	Introduction to Inorganic Chemistry in Medicine		Mert Ülgen
11:50 – 12:30	Introduction to Inorganic Chemistry in Medicine		Mert Ülgen
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

18.10.2010 MONDAY			
08:30 – 09:10	Inorganic Nomenclature: Naming of Inorganic Compounds		Mert Ülgen
09:20 – 10:00	Inorganic Nomenclature: Naming of Inorganic Compounds		Mert Ülgen
10:10 – 10:50	Principles of Clinical Cytogenetics		Deniz Ağırbaşlı
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

19.10.2010 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Atoms, Molecules and Matter		Beki Kan
10:10 – 10:50	LAB: Nucleus and Cell Division		Yasemin Ersoy Ç., Gözde E. Şentürk
11:00 – 11:40	Patterns of Inheritance		Deniz Ağırbaşlı
11:50 – 12:30	Patterns of Inheritance		Deniz Ağırbaşlı
13:30 – 14:10	Office: Excel Section I		Beyza Kaymakoğlu
14:20 – 15:00	Office: Excel Section I		Beyza Kaymakoğlu
15:10 – 15:50	Office: Excel Section I		Beyza Kaymakoğlu
16:00 – 17:30	Elective Course I		

20.10.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Work, Energy and Power		Şule Öncül
10:10 – 10:50	Work, Energy and Power		Şule Öncül
11:00 – 11:40	Mendelian and Non-Mendelian Genetics		Cemaliye Akyerli Boylu
11:50 – 12:30	Mendelian and Non-Mendelian Genetics		Cemaliye Akyerli Boylu
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Office: Excel Section II		Beyza Kaymakoğlu
16:00 – 17:30	Office: Excel Section II		Beyza Kaymakoğlu

21.10.2010 THURSDAY			
08:30 –12:30	CMPS Basic Communication Skills Non-verbal Communication and Active Listening		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner
13:30 – 14:10	Office: Excel Section I		Beyza Kaymakoğlu
14:20 – 15:00	Office: Excel Section I		Beyza Kaymakoğlu
15:10 – 15:50	Office: Excel Section II		Beyza Kaymakoğlu
16:00 – 16:40	Office: Excel Section II		Beyza Kaymakoğlu

22.10.2010 FRIDAY			
08:30 – 09:10	Metals and Non-Metals in Living Organisms		Mert Ülgen
09:20 – 10:00	Acids, Bases and Salts. Ionisation, pH		Mert Ülgen
10:10 – 10:50	Multifactorial Inheritance		Deniz Ağırbaşlı
11:00 – 11:40	Flow of genetic information-Transcription		Cemaliye Akyerli Boylu
11:50 – 12:30	Flow of genetic information-Translation		Cemaliye Akyerli Boylu
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

25.10.2010 MONDAY			
08:30 – 09:10	Mixtures and Physical Systems in Chemistry		Mert Ülgen
09:20 – 10:00	Concentration Units and Important Analytical Calculations in Medicine		Mert Ülgen
10:10 – 10:50	Control of Gene Expession		Cengiz Yakıcıer
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

26.10.2010 TUESDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50	**MID COMMITTEE EXAMINATION**		
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10	Office: Powerpoint Section I		Beyza Kaymakoğlu
14:20 – 15:00	Office: Powerpoint Section I		Beyza Kaymakoğlu
15:10 – 15:50	Office: Powerpoint Section I		Beyza Kaymakoğlu
16:00 – 17:30	Elective Course I		

27.10.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Radioactivity, Atomic Structure, Atomic Number.		Mert Ülgen
10:10 – 10:50	The importance of Radioactivity in Medicine, Isotopes		Mert Ülgen
11:00 – 11:40	Mutations and Polymorphisms		Cemaliye Akyerli Boylu
11:50 – 12:30	Mutations and Polymorphisms		Cemaliye Akyerli Boylu
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Office: Powerpoint Section II		Beyza Kaymakoğlu
16:00 – 17:30	Office: Powerpoint Section II		Beyza Kaymakoğlu

28.10.2010 THURSDAY			
08:30 –12:30	CMPS Basic Communication Skills Empathy		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner Kültegin Ögel
13:30 – 14:10			
14:20 – 15:00	**HOLIDAY**		
15:10 – 15:50			
16:00 – 16:40			

29.10.2010 FRIDAY	
	REPUBLIC DAY

01.11.2010 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Introduction to Organic Chemistry		Mert Ülgen
10:10 – 10:50	Classification, General Terms, Bonds, Properties of Organic Compounds		Mert Ülgen
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

02.11.2010 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Special Topics: The way to turn Science into Useful Products		Tanıl Kocagöz
10:10 – 10:50	Special Topics: The way to turn Science into Useful Products		Tanıl Kocagöz
11:00 – 11:40	Tools of Molecular Biology&Genetics		Cemaliye Akyerli Boylu
11:50 – 12:30	Tools of Molecular Biology&Genetics		Cemaliye Akyerli Boylu
13:30 – 14:10	Office: Access Section I		Beyza Kaymakoğlu
14:20 – 15:00	Office: Access Section I		Beyza Kaymakoğlu
15:10 – 15:50	Office: Access Section I		Beyza Kaymakoğlu
16:00 – 17:30	Elective Course I		

03.11.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	LAB: Basic LAB Skills		Cemaliye Akyerli Boylu
11:00 – 11:40	Usage of Hydrocarbones in Medicine		Mert Ülgen
11:50 – 12:30	Usage of Hydrocarbones in Medicine		Mert Ülgen
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Office: Access Section II		Beyza Kaymakoğlu
16:00 – 17:30	Office: Access Section II		Beyza Kaymakoğlu

04.11.2010 THURSDAY			
08:30 –12:30	CMPS Basic Communication Skills: Effective physician-patient communication I		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner Defne Eraslan
13:30 – 14:10	Office: Access Section I		Beyza Kaymakoğlu
14:20 – 15:00	Office: Access Section I		Beyza Kaymakoğlu
15:10 – 15:50	Office: Access Section II		Beyza Kaymakoğlu
16:00 – 16:40	Office: Access Section II		Beyza Kaymakoğlu

05.11.2010 FRIDAY			
08:30 – 09:10	Role of Carbon Containing Functional Groups in Medicine		Mert Ülgen
09:20 – 10:00	Role of Carbon Containing Functional Groups in Medicine		Mert Ülgen
10:10 – 10:50	LAB: DNA Isolation		Cemaliye Akyerli Boylu
11:00 – 11:40	LAB: DNA Isolation		Cemaliye Akyerli Boylu
11:50 – 12:30	LAB: DNA Isolation		Cemaliye Akyerli Boylu
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

08.11.2010 MONDAY			
08:30 – 09:10	Role of Nitrogen Containing Functional Groups in Medicine		Mert Ülgen
09:20 – 10:00	Role of Nitrogen Containing Functional Groups in Medicine		Mert Ülgen
10:10 – 10:50	Population Genetics		Cemaliye Akyerli Boylu
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

09.11.2010 TUESDAY			
08:30 – 09:10	Introduction to Biochemistry		Aysel Özpınar
09:20 – 10:00	Introduction to Biochemistry		Aysel Özpınar
10:10 – 10:50	LAB: Agarose Gel Electrophoresis		Cemaliye Akyerli Boylu
11:00 – 11:40	LAB: Agarose Gel Electrophoresis		Cemaliye Akyerli Boylu
11:50 – 12:30	LAB: Agarose Gel Electrophoresis		Cemaliye Akyerli Boylu
13:30 – 14:10	Office: Publisher Section I		Beyza Kaymakoğlu
14:20 – 15:00	Office: Publisher Section I		Beyza Kaymakoğlu
15:10 – 15:50	Office: Publisher Section I		Beyza Kaymakoğlu
16:00 – 17:30	Elective Course I		

10.11.2010 WEDNESDAY			
08:30 – 09:10	Conmemoration of ATATÜRK		
09:20 – 10:00	Conmemoration of ATATÜRK		
10:10 – 10:50	Conmemoration of ATATÜRK		
11:00 – 11:40	Role of Sulphur Containing Functional Groups in Medicine		Mert Ülgen
11:50 – 12:30	Role of Sulphur Containing Functional Groups in Medicine		Mert Ülgen
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Office: Publisher Section II		Beyza Kaymakoğlu
16:00 – 17:30	Office: Publisher Section II		Beyza Kaymakoğlu

11.11.2010 THURSDAY			
08:30 – 12:30	CMPS Basic Communication Skills: Effective physician-patient communication II		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner
13:30 – 14:10	Databases Section I		Beyza Kaymakoğlu
14:20 – 15:00	Databases Section I		Beyza Kaymakoğlu
15:10 – 15:50	Databases Section II		Beyza Kaymakoğlu
16:00 – 16:40	Databases Section II		Beyza Kaymakoğlu

12.11.2010 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Molecular Basis of Genetic Diseases		Deniz Ağırbaşlı
10:10 – 10:50	Molecular Basis of Genetic Diseases		Deniz Ağırbaşlı
11:00 – 11:40	Chemical Reactions of Important Organic Molecules in Medicine		Mert Ülgen
11:50 – 12:30	Chemical Reactions of Important Organic Molecules in Medicine		Mert Ülgen
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

15.11.2010 MONDAY	
08:30 – 09:10	HOLIDAY
09:20 – 10:00	
10:10 – 10:50	
11:00 – 11:40	
11:50 – 12:30	
13:30 – 14:10	
14:20 – 15:00	
15:10 – 15:50	
16:00 – 16:40	

16.11.2010 TUESDAY	
08:30 – 09:10	HOLIDAY
09:20 – 10:00	
10:10 – 10:50	
11:00 – 11:40	
11:50 – 12:30	
13:30 – 14:10	
14:20 – 15:00	
15:10 – 15:50	
16:00 – 17:30	

17.11.2010 WEDNESDAY	
08:30 – 09:10	HOLIDAY
09:20 – 10:00	
10:10 – 10:50	
11:00 – 11:40	
11:50 – 12:30	
13:30 – 14:10	
14:20 – 15:00	
15:10 – 15:50	
16:00 – 16:40	

18.11.2010 THURSDAY	
08:30 – 09:10	HOLIDAY
09:20 – 10:00	
10:10 – 10:50	
11:00 – 11:40	
11:50 – 12:30	
13:30 – 14:10	
14:20 – 15:00	
15:10 – 15:50	
16:00 – 16:40	

19.11.2010 FRIDAY	
08:30 – 09:10	HOLIDAY
09:20 – 10:00	
10:10 – 10:50	
11:00 – 11:40	
11:50 – 12:30	
13:30 – 14:10	
14:20 – 15:00	
15:10 – 15:50	
16:00 – 16:40	

22.11.2010 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Introduction to the Metabolism of Organic Compounds		Mert Ülgen
10:10 – 10:50	Introduction to the Metabolism of Organic Compounds		Mert Ülgen
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
13:30 – 14:10	Medical English		
14:20 – 15:00	Medical English		
15:10 – 15:50	Medical English		
16:00 – 16:40	Study Time		

23.11.2010 TUESDAY			
08:30 – 09:10	Introduction to metabolism		İbrahim Ünsal
09:20 – 10:00	Introduction to metabolism		İbrahim Ünsal
10:10 – 10:50	Water as a living environment		Beki Kan
11:00 – 11:40	Cancer Genetics		Cengiz Yakıcıer
11:50 – 12:30	Cancer Genetics		Cengiz Yakıcıer
13:30 – 14:10	Project Management Section I		Beyza Kaymakoğlu
14:20 – 15:00	Project Management Section I		Beyza Kaymakoğlu
15:10 – 15:50	Project Management Section I		Beyza Kaymakoğlu
16:00 – 17:30	Elective Course I		

24.11.2010 WEDNESDAY			
08:30 – 09:10	Introduction to CMPS: Medical Ethics and Humanities I Course		Yeşim Işıl Ülman
09:20 – 10:00	CMPS		Yaman Örs
10:10 – 10:50	Medical Ethics and Humanities I		
11:00 – 11:40			
11:50 – 12:30	Philosophies and Medical Philosophy		
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Project Management Section II		Beyza Kaymakoğlu
16:00 – 17:30	Project Management Section II		Beyza Kaymakoğlu

25.11.2010 THURSDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Effects of Organic Molecules in the Living Organism		Mert Ülgen
10:10 – 10:50	Effects of Organic Molecules in the Living Organism		Mert Ülgen
11:00 – 11:40	Pharmacogenetics		Cemaliye Akyerli Boylu
11:50 – 12:30	Gene Therapy		Cemaliye Akyerli Boylu
13:30 – 14:10	Software Technologies Section I		Beyza Kaymakoğlu
14:20 – 15:00	Software Technologies Section I		Beyza Kaymakoğlu
15:10 – 15:50	Software Technologies Section II		Beyza Kaymakoğlu
16:00 – 16:40	Software Technologies Section II		Beyza Kaymakoğlu

26.11.2010 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

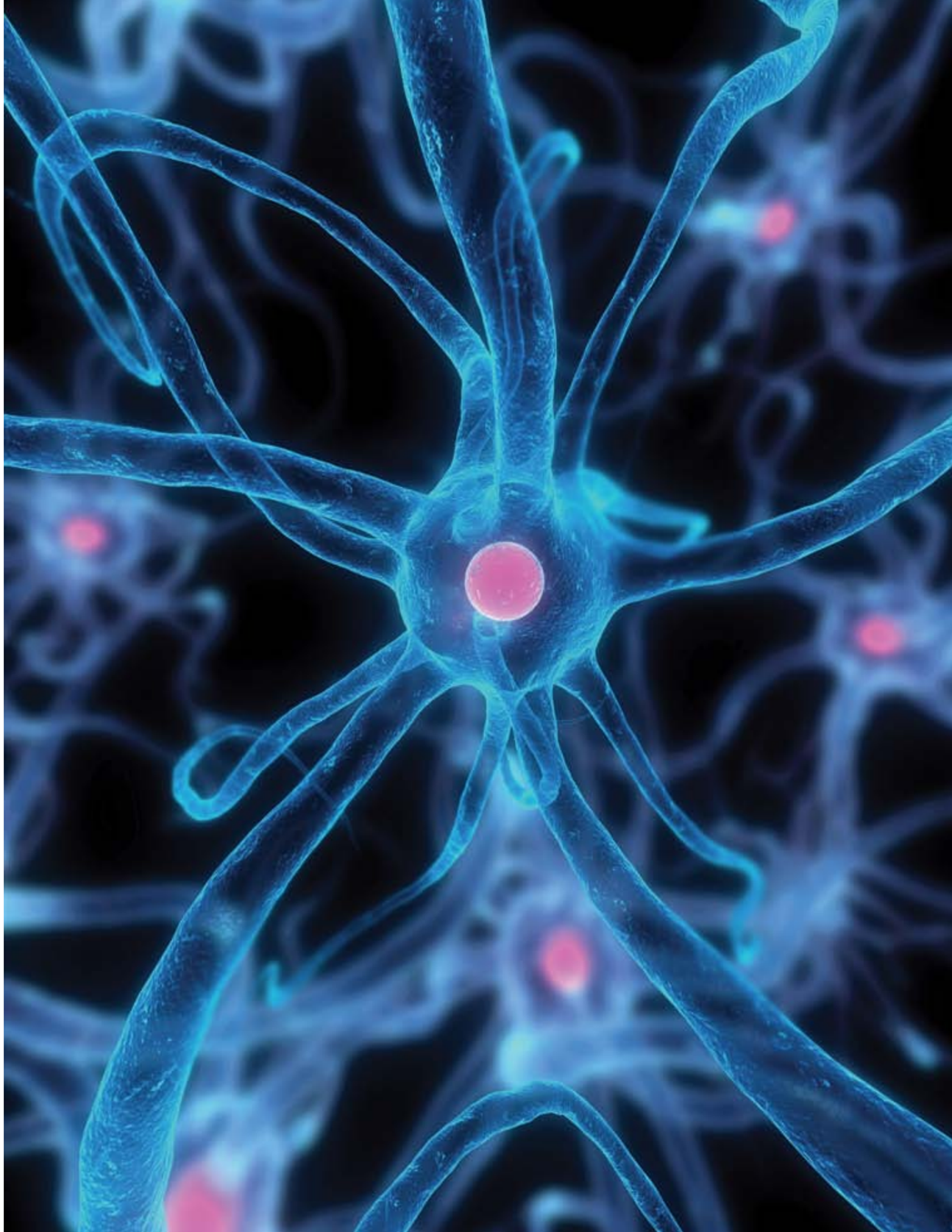
29.11.2010 MONDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

30.11.2010 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			

01.12.2010 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			
16:00 – 16:40			

02.12.2010 THURSDAY			
08:30 – 09:10	Subject Committee Practical 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			

03.12.2010 FRIDAY			
08:30 – 09:10	Subject Committee Theoretical 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			



06.12.2010 MONDAY			
08:30 – 09:10	Introduction to the Course		Beki Kan
09:20 – 10:00	Homeostasis		Mehmet Ergen
10:10 – 10:50	Homeostasis		Mehmet Ergen
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

07.12.2010 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Laboratory Techniques in Organic Chemistry : Separation		Mert Ülgen
10:10 – 10:50	Laboratory Techniques in Organic Chemistry : Separation		Mert Ülgen
11:00 – 11:40	Charges, Coulomb's Law, Insulators and Conductors		Şule Öncül
11:50 – 12:30	Charges, Coulomb's Law, Insulators and Conductors		Şule Öncül
13:30 – 14:10	Basic Network Technologies Section I		Kağan Özerhan
14:20 – 15:00	Basic Network Technologies Section I		Kağan Özerhan
15:10 – 15:50	Basic Network Technologies Section I		Kağan Özerhan
16:00 – 17:30	Elective Course I		

08.12.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Laboratory Techniques in Organic Chemistry : Qualitative methods		Mert Ülgen
10:10 – 10:50	Laboratory Techniques in Organic Chemistry : Qualitative methods		Mert Ülgen
11:00 – 11:40	Physical Characteristics of Membrane Structure and Function		Devrim Öz Arslan
11:50 – 12:30	Membrane Proteins		Devrim Öz Arslan
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Basic Network Technologies Section II		Kağan Özerhan
16:00 – 17:30	Basic Network Technologies Section II		Kağan Özerhan

09.12.2010 THURSDAY			
08:30 – 10:00	Role and function of physician and health care throughout the ages		Yeşim Işıl Ülman
10:10 –12:30	CMPS Medical Ethics and Humanities I: Physician's role in community		Nadi Bakırcı Pınar Topsever
13:30 – 14:10	Internet and Internet Design Section I		Kağan Özerhan
14:20 – 15:00	Internet and Internet Design Section I		Kağan Özerhan
15:10 – 15:50	Internet and Internet Design Section II		Kağan Özerhan
16:00 – 16:40	Internet and Internet Design Section II		Kağan Özerhan

10.12.2010 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Cell Membrane Physiology		Mehmet Ergen
10:10 – 10:50	Cell Membrane Physiology		Mehmet Ergen
11:00 – 11:40	Laboratory Techniques in Organic Chemistry : Quantitative Methods		Mert Ülgen
11:50 – 12:30	Laboratory Techniques in Organic Chemistry : Quantitative Methods		Mert Ülgen
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

13.12.2010 MONDAY			
08:30 – 09:10	Capacitors, Resistance, Direct Current		Şule Öncül
09:20 – 10:00	Capacitors, Resistance, Direct Current		Şule Öncül
10:10 – 10:50	Genome of mitochondria		Deniz Ağırbaşlı
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

14.12.2010 TUESDAY			
08:30 – 09:10	Genome Organization		M. Cengiz Yakıcıer
09:20 – 10:00	Diffusion and Facilitated Transport : Physical principles		Beki Kan
10:10 – 10:50	Diffusion and Facilitated Transport : Physical principles		Beki Kan
11:00 – 11:40	LAB: Basic Lab skills Sec I		Mert Ülgen
11:50 – 12:30	LAB: Basic Lab skills Sec II		Mert Ülgen
13:30 – 14:10	Internet and Internet Design Section I		Kağan Özerhan
14:20 – 15:00	Internet and Internet Design Section I		Kağan Özerhan
15:10 – 15:50	Internet and Internet Design Section I		Kağan Özerhan
16:00 – 17:30	Elective Course I		

15.12.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	LAB: Organic Reactions Section I		Mert Ülgen
10:10 – 10:50	LAB: Organic Reactions Section I		Mert Ülgen
11:00 – 11:40	LAB: Organic Reactions Section II		Mert Ülgen
11:50 – 12:30	LAB: Organic Reactions Section II		Mert Ülgen
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Internet and Internet Design Section II		Kağan Özerhan
16:00 – 16:40	Internet and Internet Design Section II		Kağan Özerhan

16.12.2010 THURSDAY			
08:30 – 10:00	Medicine in the library: Medieval and Renaissance Medicine		Yeşim Işıl Ülman
10:10 –12:30	CMPS Medical Ethics and Humanities I: Characteristics of doctor- patient/community relationship		Nadi Bakırcı Pınar Topsever
13:30 – 14:10	Data Security Section I		Kağan Özerhan
14:20 – 15:00	Data Security Section I		Kağan Özerhan
15:10 – 15:50	Data Security Section II		Kağan Özerhan
16:00 – 16:40	Data Security Section II		Kağan Özerhan

17.12.2010 FRIDAY			
08:30 – 09:10	Enzymes: Mechanisms of Action		İbrahim Ünsal
09:20 – 10:00	Enzymes: Mechanisms of Action		İbrahim Ünsal
10:10 – 10:50	Active Transport and Secondary Active Transport		Beki Kan
11:00 – 11:40	Electrical Forces, Fields and Currents		Şule Öncül
11:50 – 12:30	Electrical Forces, Fields and Currents		Şule Öncül
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

20.12.2010 MONDAY			
08:30 – 09:10	Enzyme Regulation		İbrahim Ünsal
09:20 – 10:00	Enzyme Regulation		İbrahim Ünsal
10:10 – 10:50	Applications of Recombinant DNA Technology in Medicine		M. Cengiz Yakıcıer
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

21.12.2010 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Structure of Amino Acids		Abdurrahman Coşkun
11:00 – 11:40	Structure of Amino Acids		Abdurrahman Coşkun
11:50 – 12:30	Electrochemical Potentials, Nernst Potential		Şule Öncül
13:30 – 14:10	Hospital Information Systems Section I		Bora Gökçe
14:20 – 15:00	Hospital Information Systems Section I		Bora Gökçe
15:10 – 15:50	Hospital Information Systems Section I		Bora Gökçe
16:00 – 17:30	Elective Course I		

22.12.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	LAB: Purification Techniques Section I		Mert Ülgen
10:10 – 10:50	LAB: Purification Techniques Section I		Mert Ülgen
11:00 – 11:40	LAB: Purification Techniques Section II		Mert Ülgen
11:50 – 12:30	LAB: Purification Techniques Section II		Mert Ülgen
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Hospital Information Systems Section II		Bora Gökçe
16:00 – 17:30	Hospital Information Systems Section II		Bora Gökçe

23.12.2010 THURSDAY			
08:30 – 10:00	Medicine in the Hospital: The Influence of the Enlightenment and the Revolutionary Era		Yeşim Işıl Ülman
10:10 –12:30	CMPS Medical Ethics and Humanities I: Evolution of human rights		İbrahim Kaboğlu
13:30 – 14:10	Hospital Information Systems Section I		Bora Gökçe
14:20 – 15:00	Hospital Information Systems Section I		Bora Gökçe
15:10 – 15:50	Hospital Information Systems Section II		Bora Gökçe
16:00 – 16:40	Hospital Information Systems Section II		Bora Gökçe

24.12.2010 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		

27.12.2010 MONDAY			
08:30 – 09:10	Cellular Signaling and Excitable Tissues		Mehmet Ergen
09:20 – 10:00	Cellular Signaling and Excitable Tissues		Mehmet Ergen
10:10 – 10:50	Cellular Signaling and Excitable Tissues		Mehmet Ergen
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

28.12.2010 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Membrane Potentials and Action Potential		Şule Öncül
11:00 – 11:40	Membrane Potentials and Action potential		Şule Öncül
11:50 – 12:30	Human Genome Project in Medicine		Cemaliye Akyerli Boylu
13:30 – 14:10	Definitions		Murat Çinko
14:20 – 15:00	Definitions		Murat Çinko
15:10 – 15:50	Descriptive Statistics		Murat Çinko
16:00 – 17:30	Elective Course I		

29.12.2010 WEDNESDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50	**MID COMMITTEE EXAMINATION**		
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

30.12.2010 THURSDAY			
08:30 – 10:00	Medicine in the Community: Emergence of Public Health		Yeşim Işıl Ülman, Nadi Bakırcı, Figen Demir
10:10 –12:30	CMPS Medical Ethics and Humanities I: From human rights to bioethics		Yeşim Işıl Ülman
13:30 – 14:10	Descriptive Statistics		Murat Çinko
14:20 – 15:00	Descriptive Statistics		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

31.12.2010 FRIDAY			
08:30 – 09:10	Action Potential		Mehmet Ergen
09:20 – 10:00	Action Potential		Mehmet Ergen
10:10 – 10:50	Conductance of Action Potential		Şule Öncül
11:00 – 11:40	Special Topics: The Living Universe: Astrobiology		Abdurrahman Coşkun
11:50 – 12:30	Special Topics: The Living Universe: Astrobiology		Abdurrahman Coşkun
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

03.01.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Flow of Energy in Nature, First Law of Thermodynamics		Beki Kan
10:10 – 10:50	Flow of Energy in Nature, First Law of Thermodynamics		Beki Kan
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

04.01.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	LAB: Action Potential Section I		Mehmet Ergen
10:10 – 10:50	LAB: Action Potential Section I		Mehmet Ergen
11:00 – 11:40	The Second Law of Thermodynamics, Entropy, Free Energy		Beki Kan
11:50 – 12:30	The Second Law of Thermodynamics, Entropy, Free Energy		Beki Kan
13:30 – 14:10	Descriptive Statistics		Murat Çinko
14:20 – 15:00	Descriptive Statistics		Murat Çinko
15:10 – 15:50	Probability		Murat Çinko
16:00 – 17:30	Elective Course I		

05.01.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	LAB: Separation Techniques Section I		Mert Ülgen
10:10 – 10:50	LAB: Separation Techniques Section I		Mert Ülgen
11:00 – 11:40	LAB: Separation techniques Section II		Mert Ülgen
11:50 – 12:30	LAB: Separation techniques Section II		Mert Ülgen
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Protein Structure and Function		Tamer İnal
16:00 – 16:40	Protein Structure and Function		Tamer İnal

06.01.2011 THURSDAY			
08:30 –12:30	CMPS Medical Ethics and Humanities I: Right to Health		İbrahim Kaboğlu, Nadi Bakırcı, Yeşim Işıl Ülman, Pınar Topsever, Yeşim Yasin Figen Demir
13:30 – 14:10	Probability		Murat Çinko
14:20 – 15:00	Probability		Murat Çinko
15:10 – 15:50	Protein Structure and Function		Tamer İnal
16:00 – 16:40	Protein Ftructure and Function		Tamer İnal

07.01.2011 FRIDAY			
08:30 – 09:10	Carbohydrate Structure and Function		Tamer İnal
09:20 – 10:00	Carbohydrate Structure and Function		Tamer İnal
10:10 – 10:50	Study Time		
11:00 – 11:40	Structure of Nucleic Acids		Tamer İnal
11:50 – 12:30	Structure of Nucleic Acids		Tamer İnal
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	LAB: Action Potential Section II		Mehmet Ergen
16:00 – 16:40	LAB: Action Potential Section II		Mehmet Ergen

10.01. 2011 MONDAY			
08:30 – 09:10	History of Radiology		Olcay Çizmeli
09:20 – 10:00	History of Radiology		Olcay Çizmeli
10:10 – 10:50	Study Time		
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

11.01. 2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Free Energy and Thermodynamic Properties of Water		Beki Kan
11:00 – 11:40	Introduction to Radiology I: definition, types of imaging, impact		Canan Erzen
11:50 – 12:30	Introduction to Radiology I : definition, types of imaging, impact		Canan Erzen
13:30 – 14:10	Confidence Interval		Murat Çinko
14:20 – 15:00	Confidence Interval		Murat Çinko
15:10 – 15:50	Confidence Interval		Murat Çinko
16:00 – 17:30	Elective Course I		

12.01. 2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Structure of Lipids		Mustafa Serteser
10:10 – 10:50	Structure of Lipids		Mustafa Serteser
11:00 – 11:40	Coupling of Biological Reactions with High Energy Metabolites		Beki Kan
11:50 – 12:30	Coupling of Biological Reactions with High Energy Metabolites		Beki Kan
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

13.01. 2011 THURSDAY			
08:30 –10:00	Medicine in the Laboratory: Medicine Becomes Science		Yeşim Işıl Ülman
10:10 –12:30	CMPS Medical Ethics and Humanities I: Ethical Reasoning and Methodology		Hülya Dündar Şahin Nadi Bakırcı, Yeşim Işıl Ülman Pınar Topsever, Figen Demir
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

14.01. 2011 FRIDAY			
08:30 –10:00	Medicine in the Laboratory: Medicine Becomes Science		Yeşim Işıl Ülman
10:10 –12:30	CMPS Medical Ethics and Humanities I: Ethical Reasoning and Methodology		Yeşim Işıl Ülman Muhtar Çokar Nadi Bakırcı Pınar Topsever
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

17.01. 2011 MONDAY			
08:30 – 09:10	Endogenous Organic Compounds in the Body		Mert Ülgen
09:20 – 10:00	Endogenous Organic Compounds in the Body		Mert Ülgen
10:10 – 10:50	Energetics of Electron Transport		Beki Kan
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

18.01. 2011 TUESDAY			
08:30 –12:30	First Aid Course		Tamer Oruç Veysel Balcı Efe Onganer
13:30 – 14:10	First Aid Course		Tamer Oruç Veysel Balcı Efe Onganer
14:20 – 15:00			
15:10 – 15:50			
16:00 – 17:30	Elective Course I		

19.01. 2011 WEDNESDAY			
08:30 –12:30	First Aid Course		Tamer Oruç Veysel Balcı Efe Onganer
13:30 –16:40	First Aid Course		Tamer Oruç Veysel Balcı Efe Onganer

20.01. 2011 THURSDAY			
08:30 – 12:30	CMPS Medical Ethics and Humanities I: History of Medicine Museum Visit (Group A)		Yeşim Işıl Ülman Nadi Bakırcı Figen Demir Pınar Topsever Muhtar Çokar
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

21.01. 2011 FRIDAY			
08:30 –12:30	CMPS Medical Ethics and Humanities I: History of Medicine Museum Visit (Group B)		Yeşim Işıl Ülman Nadi Bakırcı Figen Demir Pınar Topsever Muhtar Çokar
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

24.01. 2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Introduction to Radiology II: definition, types of imaging, impact		Canan Erzen
10:10 – 10:50	Introduction to Radiology II: definition, types of imaging, impact		Canan Erzen
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

25.01. 2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Endogenous Organic Compounds in the Body		Mert Ülgen
11:50 – 12:30	Endogenous Organic Compounds in the Body		Mert Ülgen
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Hypothesis Testing		Murat Çinko
16:00 – 17:30	Elective Course I		

26.01. 2011 WEDNESDAY			
08:30 – 09:10	CMPS: Study Time		
09:20 – 10:00	CMPS: Study Time		
10:10 – 10:50	CMPS: Study Time		
11:00 – 11:40	CMPS: Study Time		
11:50 – 12:30	CMPS: Study Time		
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

27.01. 2011 THURSDAY			
08:30 – 09:10	CMPS Medical Ethics and Humanities I: Ethical Reasoning		Yeşim Işıl Ülman Muhtar Çokar Nadi Bakırcı Pınar Topsever
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

28.01. 2011 FRIDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50	**CMPS: Medical Ethics and Humanities Examination**		
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10	Medical English I		
14:20 – 15:00	Medical English I		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

31.01. 2011 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			

01.02. 2011 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			

02.02. 2011 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			
16:00 – 16:40			

03.02. 2011 THURSDAY			
08:30 – 09:10	Subject Committee Practical 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			

04.02. 2011 FRIDAY			
08:30 – 09:10	Subject Committee Theoretical 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			

ACIBADEM
UNIVERSITY
SCHOOL OF MEDICINE

2010 - 2011
YEAR 1 SPRING SEMESTER
21.02.2011 - 15.06.2011

YEAR I HOURS and CREDITS

SPRING SEMESTER

COURSES	Theoretical Hour			Practical Hour			Study Time	Total	National credits	ECTS
	Lectures	IALS	Sub Total	Lab study	Field study	Sub Total				
From Cell to Tissue / Tissue to Organ	82	14	96	12	0	12	98	206	**7**	**8**
Body Functions and Human Behavior	86	4	90	20	0	20	100	210	**7**	**8**
Clinical Medicine & Professional Skills-II	12	32	44	0	39	39	80	163	**5**	**6**
Medical Informatics and Biostatistics	10	0	10	61	0	61	15	86	**3**	**3**
Medical English-II	16	0	16	56	0	56	10	82	**3**	**3**
Atatürk Principles and History of Revolution	28	0	28	0	0	0	5	33	**2**	**1**
Turkish Language and Literature	28	0	28	0	0	0	5	33	**2**	**1**
Elective Course-II	28	0	28	0	0	0	5	33	**2**	**1**
SPRING TOTAL	**290**	**50**	**340**	**149**	**39**	**188**	**318**	**846**	**31**	**31**

IALS Interactive Learning Sessions (Panels, debates, discussions, symposia, case studies, problem-based learning sessions, etc.)
Field Study Site visits, Studies in the community, Working in health facilities
Lab Study Clinical skills labs, Basic sciences labs, Computer labs, Performance sessions
Study Time Self Directed Learning, Preparation

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	96	Credit	ECTS
			Practical (Hour)	12		
From Cell to Tissue /From Tissue to Organ	MED 104	Spring	Study time (Hour)	98	7	8

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap ARBAK; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye AKYERLI BOYLU; cemaliye.boylu@acibadem.edu.tr
Committe Chairs	Prof. Güldal GÜLEÇ; guldal.gulec@acibadem.edu.tr Assist. Prof. Yasemin ERSOY ÇANILLIOĞLU; yasemin.canillioglu@acibadem.edu.tr
Academic Units & Staff	**Anatomy:** Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc, Instructor **Histology & Embryology:** Serap ARBAK, Ph.D., Prof.. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Instructor **Medical Biochemistry:** Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Tamer İNAL, M.D., Assist. Prof. **Medical Microbiology:** Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Işın AKYAR, M.D., Instructor **Physiology:** Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.
Course Duration	21.02.2011-22.04.2011
Educational Methods	Theoretical and Practical Courses, Discussions, Interactive Modules, Seminars
Assessment Methods	Theoretical and Practical Examinations, Homeworks, Presentations, Discussions
Course Aims	The aim of this committee is to give an overview on the anatomy and the physiology of basic systems of the body and the neuronal signaling mechanisms. The course will also provide basic knowledge about the different tissue types in the organism and histological features of cells forming these tissues, and will cover gametogenesis and an introduction to embryology. The biochemical thermodynamics and high energy compounds in the living systems, and the structure of proteins, carbohydrates and lipids and their metabolism in the body will be discussed. General structure of microorganisms will also be defined. Students will be oriented to problem-based learning by an interdisciplinary module related to the main topics of the subject committee.

Learning Outcomes	By the end of this committee, the students will be able to: • outline the major aspects of the anatomy and physiology of basic systems of the body • define the general histological structures of different tissue types such as epithelial, connective, muscle and nervous tissues. • list different types of epithelium, connective, muscle, nervous tissues and describe their histological features and make correlations between their functions. • d escribe the process of the gametogenesis, maturation of the sperms and oocytes, outline the processes of fertilization and implantation, distinguish the morphological features in bilaminar and trilaminar embryonic stages, define the neurulation and its inductory effect of notochord on surface ectoderm • describe the histological features of placenta, the developmental stages of yolk sac and its derivatives • acquire knowledge concerning the congenital anomalies that occur during developmental process. • define neuromuscular junction and describe the sequences of events occurring at the neuromuscular junction following a stimulus. • define the synapse and name its components and recite and name the sequences of events occurring at the synapse following a stimulus. • define excitation and inhibiton of nerves, and their effect on capability of neurons to generate action potential. • state three major levels of information processing in central nervous system (spinal cord level, subcortical level and cortical level). • define neurotransmitter and state mechanisms that regulate the duration of the eurotransmission. • explain the main visceral functions of sympathetic and parasympathetic systems. • discuss the role autonomic nervous system in maintenance of homeostasis. • define and explain the main thermodynamic laws and their importance in living system • define and explain the term enthalpy, entropy and free energy. • describe how thermodynamics is related to nutrition and atp synthesis and the role of mitochondria in atp synthesis. • describe endergonic and egzergonic reactions and identify the oxidation and reduction in biochemical reactions. • recognize the structure and function of atp and other high energy compounds, and describe the relationship between atp and the work carried out by the cell. • explain the term coupled reactions and distinguish reactions that are coupled from reactions that are not coupled. • explain the relationship between free energy change for a chemical reaction, the equilibrium constant for that reaction, and the initial or prevailing concentration of reactants and products for that reaction. • interprete the relationship between the sign and magnitude of free energy changes and the favorability of chemical reactions. • describe the relationship between the overall free energy change for a coupled process and the free energy changes for the individual steps in that process. • define membrane potential and explain its role in atp synthesis and thermogenesis. • summarize glucose transport, transporters and transport mechanisms • describe the structure and function of glycogen, outline the metabolic pathways for synthesis and degradation of glycogen and identify the glycogen storage diseases in liver and muscle. • describe the mechanism for counterregulation of glycogenolysis and glycogenesis in liver. • classify various microorganisms with their basic structural properties. • recognize, prepare, and argue about interdisciplinary module

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	90	Credit	ECTS
			Practical (Hour)	20		
Body Functions and Human Behavior	**MED 106**	**Spring**	**Study time (Hour)**	**100**	**7**	**8**

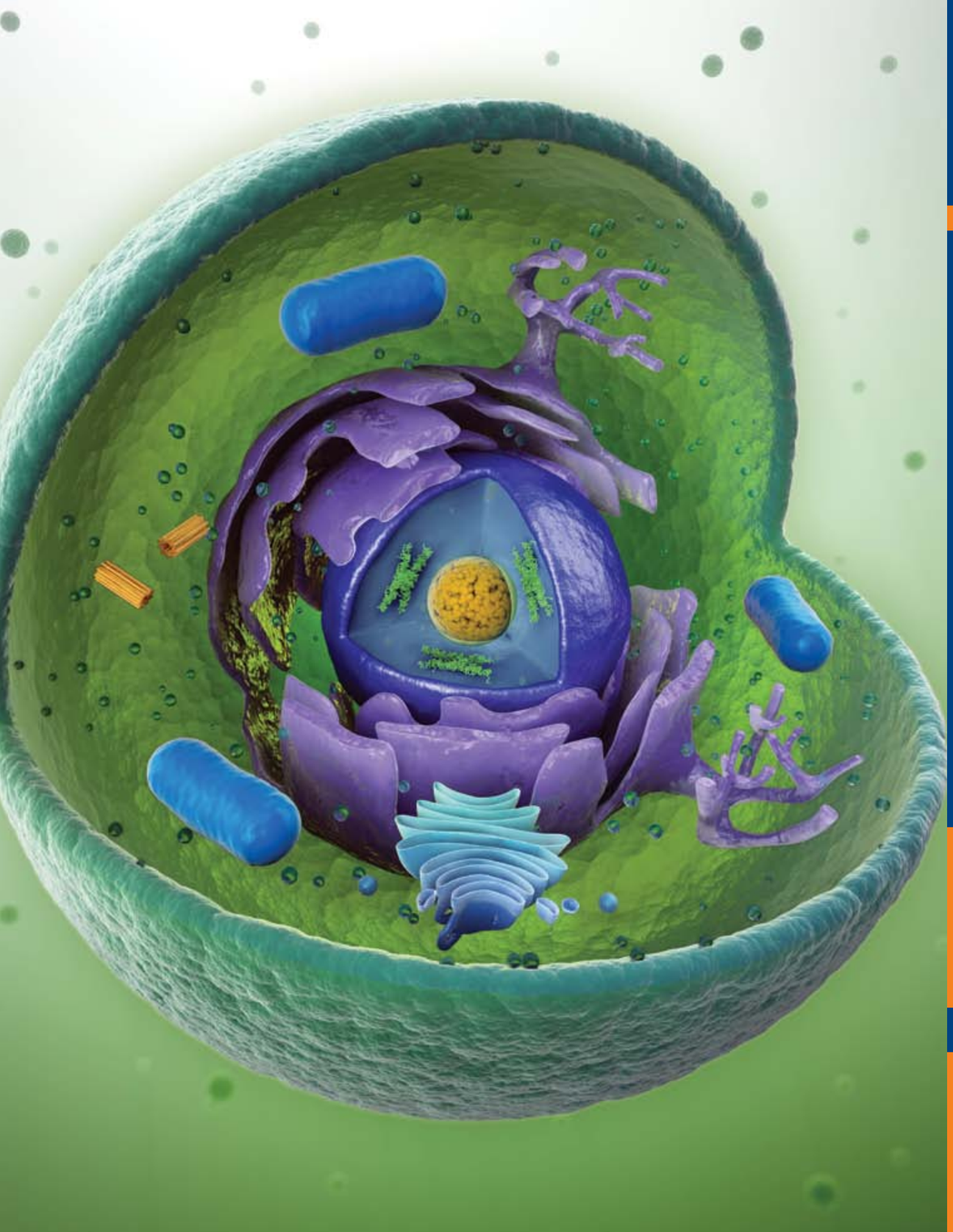
Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Committe Chairs	Prof. Aymelek Yalın; aymelek.yalin@acibadem.edu.tr Assoc. Prof. Mustafa Serteser; mserteser@acibadem.edu.tr
Academic Units & Staff	**Anatomy:** Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, M.Sc., Instructor **Behavioral Sciences:** Kültegin ÖGEL, M.D., Assoc. Prof. Cem İNCESU, M.D., Assoc. Prof. Defne ERASLAN, M.D., Assist. Prof. **Biophysics:** Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof. **Histology & Embryology:** Serap ARBAK, Ph.D., Prof. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Instructor **Medical Biochemistry:** Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. **Medical Microbiology:** Tanıl KOCAGÖZ, M.D., Ph.D., Prof. **Physics:** Şule ÖNCÜL Ph.D., Assist. Prof. **Physiology:** Güldal GÜLEÇ, M.D., Prof. **Affiliated Faculty** **Anatomy:** Jasna GÜRBÜZ, M.D., Ph.D., Instructor.
Course Duration	25.04.2011-24.06.2011
Educational Methods	Theoretical and Practical Courses, Discussions, Seminars
Assessment Methods	Theoretical and Practical Examinations, Homeworks, Presentations, Discussions
Course Aims	The aim of this committee is provide necessary knowledge about both nervous and endocrine systems. The development of nervous system and endocrine organs will be explained along with the main sensory organs, eye and ear. The structure and function sensory systems and endocrine system will be defined. The whole human body skeleton will be explained. Biochemical and biophysical characteristics of nervous system will also be explained. Moreover, biochemical importance of some tissues; epithelial, connective and adipose tissues will be given. Basic principles of human behaviour will also be covered.

Learning Outcomes	By the end of this committee, the students will be able to: • demonstrate vertebral column, extremity bones, and skull bones. • identify the anatomy of the eye and ear • describe the extrinsic muscles of the eye. • describe the major parts of the central and peripheral nervous system, and explain their functions • distinguish the functions of both white and brown adipose tissue. • describe adipocyte derived proteins with endocrine functions. • describe the basic structure and function of cytokines and the role of cytokines in immune system and hematopoiesis. • define the structure and function of immunoglobulins. • distinguish between steroid and polypeptide hormones, and outline their mechanisms of action. • describe g-protein coupled receptors. • define sensory receptor. • explain the microscopic and macroscopic features of the nervous system • correlate morphology and physiology of the motor and sensory pathways • explain the morphology of the endocrine glands • define information transmission and content of information • explain the control mechanisms • describe biophysics of photoreception • define optics of vision • explain receptive fields and retinal processing • describe biophysics of auditory system • clarify the basic control mechanisms of the nervous and endocrine systems • describe the structure of photoreceptors • discuss the changes in the absorption spectrum of rhodopsin in response to light • define 'receptive field' in the visual system • explain how receptive field sizes and details of connections vary across the retina • define the biochemical properties of epithelial tissues. • explain the molecular structure of cell junctions. • define extracellular matrix and different components connective tissue • explain the human behavior and communication in health • indicate the most basic functions of sensing • list stimulus attributes • outline the physical and chemical stimuli converted to cellular signaling in nervous system (concept of transduction) • describe receptor potential and generator potential • define perception concept • describe human psychology and behavioral sciences • explain theories of psychopathology • identify personality and temperament • define attention, memory and learning • identify thinking and language • explain emotions, cognition, motivation and stress

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	44	Credit	ECTS
			Practical (Hour)	39		
Clinical Medicine and Professional Skills (CMPS)-II	MED 108	Spring	Study time (Hour)	80	5	6

Educational Language	English
Course Type	Compulsory
Course Level	Undergraduate
Year Coordinators:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
CMPS Coordinators:	Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	**Behavioral Science:** Kültegin ÖGEL, M.D., Assoc. Prof **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor. **Pharmacology:** İsmail Hakkı ULUS, MD., Ph.D., Prof. **Public Health:** Nadi BAKIRCI, M.D., PhD, Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor. **Affiliated Faculty** Yaman ÖRS, M.D., Prof. İnci USER Ph.D, Assoc.Prof. Yeşim YASİN, M.Sc.
Course Duration	21.02.2011-17.06.2011
Educational Methods	Site visits, group assignments, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions
Assessment Methods	Written examination, log-books, standardized evaluation of group presentations of assignments and projects, performances, case studies, interactive lectures and self-directed learning sessions.
Course Aims	This course aims to; **Health and Society:** - introduce the students to the social, cultural economic and political factors of health and illness and to acquaint them with the primary health care system in Turkey. **Research in Health:** - create a learning opportunity for students to develop scientific thinking skills and to introduce the students to medical research methodology

Learning Outcomes	At the end of this session, students will be able to: **Health and Society:** • discuss sociological concepts of health, illness, sickness and disease o identify the differences between illness, disease and sickness o compare and contrast the medical concept of disease with individual and/or community perceptions and explanations of health and illness/disease • explain the impact of medicine upon society o Labelling and stigmatization o Medicalization • explain the changing patterns of disease and health care throughout history and across cultures • explain the social determinants of health and illness o compare and contrast the theories of disease causation o define the socio demographic factors of health and illness • explain health issues in a global context • discuss the issue of social inequalities in health • explain the principle of equity in health care • explain the basic structure of the health care system in Turkey • make a field observation about the practice of primary health care **Research in Health:** • distinguish between scientific philosophy and philosophy of science • explain the evolution of scientific thinking • describe fundamentals of scientific research and characteristics of scientific thinking methodology • discuss the scientific reasoning and the methodological framework in a medical research • describe the epidemiology and its context • analyse the key criteria to assess if a relationship is causal



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YEAR I SPRING SEMESTER SCHEDULE

21.02.2011-17.06.2011

21.02.2011 MONDAY			
08:30 – 09:10	Introduction to the Course		Güldal Güleç
09:20 – 10:00	Histology of Lining and Glandular Epithelium		Serap Arbak
10:10 – 10:50	Histology of Lining and Glandular Epithelium		Serap Arbak
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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			

22.02.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	High Energy Compounds and Metabolic Control		Abdurrahman Coşkun
11:00 – 11:40	High Energy Compounds and Metabolic Control		Abdurrahman Coşkun
11:50 – 12:30	Introduction to Anatomy and Anatomical Terminology		Aymelek Yalın
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Hypothesis Testing		Murat Çinko
16:00 – 17:30	Elective Course II		

23.02.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	General structures of bacteria, mycoplasma, chlamydia and rickettsiae		Sesin Kocagöz
10:10 – 10:50	General structures of bacteria, mycoplasma, chlamydia and rickettsiae		Sesin Kocagöz
11:00 – 11:40	Oogenesis		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	Spermatogenesis		Gözde Erkanlı Şentürk
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Oxidative Phosphorylation and Electron Transport Chain		Abdurrahman Coşkun
16:00 – 16:40	Oxidative Phosphorylation and Electron Transport Chain		Abdurrahman Coşkun

24.02.2011 THURSDAY			
08:30 – 09:10	Introduction to CMPS: Health and Society I Course		Nadi Bakırcı
09:20 - 12:30	CMPS: Health and Society I Health as a Social Concept I		İnci User, Nadi Bakırcı, Figen Demir, Pınar Topsever, Kültegin Ögel
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

25.02.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Oxidative Phosphorylation and Electron Transport Chain		Abdurrahman Coşkun
10:10 – 10:50	Oxidative Phosphorylation and Electron Transport Chain		Abdurrahman Coşkun
11:00 – 11:40	LAB: Histology of Lining and Glandular Epithelium		Serap Arbak
11:50 – 12:30	LAB: Histology of Lining and Glandular Epithelium		Serap Arbak
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

28.02.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Histology of Connective Tissue		Yasemin Ersoy Çanıllıoğlu
10:10 – 10:50	Histology of Connective Tissue		Yasemin Ersoy Çanıllıoğlu
11:00 – 11:40	Atatürk Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk Principles and History of Revolution		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	Study Time		

01.03.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	General stuctures of fungi		Işın Akyar
10:10 – 10:50	General stuctures of fungi		Işın Akyar
11:00 – 11:40	LAB: Histology of Connective Tissue		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	LAB: Histology of Connective Tissue		Yasemin Ersoy Çanıllıoğlu
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Hypothesis Testing		Murat Çinko
16:00 – 17:30	Elective Course II		

02.03.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Glycolysis and Gluconeogenesis		Özge Can
11:00 – 11:40	Glycolysis and Gluconeogenesis		Özge Can
11:50 – 12:30	Fertilization		Yasemin Ersoy Çanıllıoğlu
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

03.03.2011 THURSDAY			
08:30 –10:50	CMPS: Health and Society I Health as a Social Concept II		İnci User, Nadi Bakırcı, Figen Demir, Pınar Topsever
11:00 –12:30	CMPS: Health and Society I Impact of medicine upon society		İnci User, Nadi Bakırcı, Figen Demir Pınar Topsever, Yeşim Yasin
13:30 – 14:10	Hypothesis Testing		Murat Çinko
14:20 – 15:00	Hypothesis Testing		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

04.03.2011 FRIDAY			
08:30 – 09:10	Glycolysis and Gluconeogenesis		Özge Can
09:20 – 10:00	Glycolysis and Gluconeogenesis		Özge Can
10:10 – 10:50	Implantation		Serap Arbak
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	Preparation Time for Module		
16:00 – 16:40	Preparation Time for Module		

07.03.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Histology of Bone and Cartilage		Gözde Erkanlı Şentürk
10:10 – 10:50	Histology of Bone and Cartilage		Gözde Erkanlı Şentürk
11:00 – 11:40	Atatürk Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk Principles and History of Revolution		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	Study Time		

08.03.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Special Topics: A different Approach to Life Struggle		Abdurrahman Coşkun
10:10 – 10:50	Special Topics: A different Approach to Life Struggle		Abdurrahman Coşkun
11:00 – 11:40	LAB: Histology of Bone and Cartilage		Gözde Erkanlı Şentürk
11:50 – 12:30	LAB: Histology of Bone and Cartilage		Gözde Erkanlı Şentürk
13:30 – 14:10	ANOVA		Murat Çinko
14:20 – 15:00	ANOVA		Murat Çinko
15:10 – 15:50	ANOVA		Murat Çinko
16:00 – 17:30	Elective Course II		

09.03.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Glycogenesis and Glycogenolysis		Aysel Özpınar
10:10 – 10:50	Glycogenesis and Glycogenolysis		Aysel Özpınar
11:00 – 11:40	Formation of Bilaminar and Trilaminar Embryonic Disc		Serap Arbak
11:50 – 12:30	Formation of Bilaminar and Trilaminar Embryonic Disc		Serap Arbak
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

10.03.2011 THURSDAY			
08:30 –12:30	CMPS: Health and Society I Changing patterns of disease		İnci User Nadi Bakırcı Figen Demir Pınar Topsever
13:30 – 14:10	ANOVA		Murat Çinko
14:20 – 15:00	ANOVA		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

11.03.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Glycogenesis and Glycogenolysis		Aysel Özpınar
10:10 – 10:50	Glycogenesis and Glycogenolysis		Aysel Özpınar
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	Preparation Time for Module		
16:00 – 16:40	Preparation Time for Module		

14.03.2011 MONDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
	March 14 Physician's Day		
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

15.03.2011 TUESDAY			
08:30 – 09:10	Introduction to Human Anatomy		Elif Nedret Keskinöz
09:20 – 10:00	Introduction to Human Anatomy		Elif Nedret Keskinöz
10:10 – 10:50	Introduction to Human Anatomy		Elif Nedret Keskinöz
11:00 – 11:40	Histology of Muscle Tissue		Serap Arbak
11:50 – 12:30	Histology of Muscle Tissue		Serap Arbak
13:30 – 14:10	Nonparametric Methods		Murat Çinko
14:20 – 15:00	Nonparametric Methods		Murat Çinko
15:10 – 15:50	Nonparametric Methods		Murat Çinko
16:00 – 17:30	Elective Course II		

16.03.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	LAB: Introduction to Human Anatomy Section I		Elif Nedret Keskinöz
10:10 – 10:50	LAB: Introduction to Human Anatomy Section I		Elif Nedret Keskinöz
11:00 – 11:40	LAB: Introduction to Human Anatomy Section II		Elif Nedret Keskinöz
11:50 – 12:30	LAB: Introduction to Human Anatomy Section II		Elif Nedret Keskinöz
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	LAB: Histology of Muscle Tissue		Serap Arbak
16:00 – 16:40	LAB: Histology of Muscle Tissue		Serap Arbak

17.03.2011 THURSDAY			
08:30 –12:30	CMPS: Health and Society I Disease Causation Theories		İnci User, Nadi Bakırcı, Figen Demir, Pınar Topsever, Demet Dinç, Efe Onganer
13:30 – 14:10	Nonparametric Methods		Murat Çinko
14:20 – 15:00	Nonparametric Methods		Murat Çinko
15:10 – 15:50	TCA Cycle		Aysel Özpınar
16:00 – 16:40	TCA Cycle		Aysel Özpınar

18.03.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Neuromuscular junction		Melike Şahiner
10:10 – 10:50	Neuromuscular junction		Melike Şahiner
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	Preparation Time for Module		
16:00 – 16:40	Preparation Time for Module		

21.03.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Histology of Nervous Tissue		Gözde Erkanlı Şentürk
10:10 – 10:50	Histology of Nervous Tissue		Gözde Erkanlı Şentürk
11:00 – 11:40	Atatürk Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk Principles and History of Revolution		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	Study Time		

22.03.2011 TUESDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50	**MID COMMITTEE EXAMINATION**		
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10	Regression		Murat Çinko
14:20 – 15:00	Regression		Murat Çinko
15:10 – 15:50	Regression		Murat Çinko
16:00 – 17:30	Elective Course II		

23.03.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Hexose Monophosphate Shunt		Aysel Özpınar
10:10 – 10:50	Hexose Monophosphate Shunt		Aysel Özpınar
11:00 – 11:40	Histology of Skin and Adnex		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	Histology of Skin and Adnex		Yasemin Ersoy Çanıllıoğlu
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	LAB: Histology of Skin and Nervous Tissue		Yasemin Ersoy Ç., Gözde E. Şentürk
	LAB: Histology of Skin and Nervous Tissue		Yasemin Ersoy Ç., Gözde E. Şentürk

24.03.2011 THURSDAY			
08:30 – 09:10	CMPS: Health and Society I		İnci User
09:20 – 10:00			Nadi Bakırcı
10:10 – 10:50			Figen Demir
11:00 – 11:40	Social Determinants of Health		Pınar Topsever
11:50 – 12:30			Yeşim Yasin
13:30 – 14:10	Logistic Regression		Murat Çinko
14:20 – 15:00	Logistic Regression		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

25.03.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Nervous System Functions		Melike Şahiner
10:10 – 10:50	Nervous System Functions		Melike Şahiner
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	Preparation Time for Module		
16:00 – 16:40	Preparation Time for Module		

28.03.2011 MONDAY			
08:30 – 09:10	Neurotransmitters		Melike Şahiner
09:20 – 10:00	Formation of Neurulation and Organ Systems		Serap Arbak
10:10 – 10:50	Formation of Neurulation and Organ Systems		Serap Arbak
11:00 – 11:40	Atatürk Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk Principles and History of Revolution		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 – 17:30	Amino Acid and Protein Metabolism		Tamer İnal

29.03.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Amino Acid and Protein Metabolism		Tamer İnal
10:10 – 10:50	Amino Acid and Protein Metabolism		Tamer İnal
11:00 – 11:40	Overview of Lung, Heart and Vascular Histology		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	Overview of Lung, Heart and Vascular Histology		Yasemin Ersoy Çanıllıoğlu
13:30 – 14:10	Regression		Murat Çinko
14:20 – 15:00	Regression		Murat Çinko
15:10 – 15:50	Regression		Murat Çinko
16:00 – 17:30	Elective Course II		

30.03.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Small group discussion		BIOCHEMISTRY
10:10 – 10:50	Small group discussion		BIOCHEMISTRY
11:00 – 11:40	Small group discussion		BIOCHEMISTRY
11:50 – 12:30	Small group discussion		BIOCHEMISTRY
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Metabolism of Nucleic Acid		Tamer İnal
16:00 – 16:40	Metabolism of Nucleic Acid		Tamer İnal

31.03.2011 THURSDAY			
08:30 - 12:30	CMPS: Health and Society I		Yeşim Yasin
			İnci User
			Nadi Bakırcı
	Global Health		Figen Demir
			Pınar Topsever
13:30 – 14:10	Logistic Regression		Murat Çinko
14:20 – 15:00	Logistic Regression		Murat Çinko
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

01.04.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Extraembriyonic Structures		Serap Arbak
10:10 – 10:50	Extraembriyonic Structures		Serap Arbak
11:00 – 11:40	Module Examination		
11:50 – 12:30	Module Examination		
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

04.04.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Overview of Spleen, Thymus and Lymph Node Histology		Serap Arbak
10:10 – 10:50	Overview of Spleen, Thymus and Lymph Node Histology		Serap Arbak
11:00 – 11:40	Atatürk Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk Principles and History of Revolution		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	Study Time		

05.04.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Histology of gastrointestinal systems		Serap Arbak
10:10 – 10:50	Histology of gastrointestinal systems		Serap Arbak
11:00 – 11:40	Autonomic Nervous System		Melike Şahiner
11:50 – 12:30	Autonomic Nervous System		Melike Şahiner
13:30 – 14:10	Historical Perspectives of Bioinformatics		Sinan Fındık
14:20 – 15:00	Historical Perspectives of Bioinformatics		Sinan Fındık
15:10 – 15:50	Historical Perspectives of Bioinformatics		Sinan Fındık
16:00 – 17:30	Elective Course II		

06.04.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Introduction to Human Physiology		Melike Şahiner
11:00 – 11:40	Introduction to Human Physiology		Melike Şahiner
11:50 – 12:30	Introduction to Human Physiology		Melike Şahiner
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

07.04.2011 THURSDAY			
08:30 –12:30	CMPS: Health and Society I Inequalities in Health		Yeşim Yasin İnci User Nadi Bakırcı Figen Demir Pınar Topsever
13:30 – 14:10	Access on Bioinformatic Databasis		Sinan Fındık
14:20 – 15:00	Access on Bioinformatic Databasis		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 17:30	Study Time		

08.04.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	General Stuctures of Viruses		Tanıl Kocagöz
10:10 – 10:50	General Stuctures of Viruses		Tanıl Kocagöz
11:00 – 11:40	Congenital Malformations		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	Congenital Malformations		Yasemin Ersoy Çanıllıoğlu
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

11.04.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Biosynthesis of Lipids (Biochemistry)		Mustafa Serteser
10:10 – 10:50	Biosynthesis of Lipids (Biochemistry)		Mustafa Serteser
11:00 – 11:40	Atatürk Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk Principles and History of Revolution		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	Study Time		

12.04.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Histology of Urogenital Systems		Gözde Erkanlı Şentürk
10:10 – 10:50	Histology of Urogenital Systems		Gözde Erkanlı Şentürk
11:00 – 11:40	General Structure of Parasites		Işın Akyar
11:50 – 12:30	General Structure of Parasites		Işın Akyar
13:30 – 14:10	Access on Bioinformatic Databasis		Sinan Fındık
14:20 – 15:00	Access on Bioinformatic Databasis		Sinan Fındık
15:10 – 15:50	Access on Bioinformatic Databasis		Sinan Fındık
16:00 – 17.30	Elective Course II		

13.04.2011 WEDNESDAY			
08:30 – 09:10	SCMPS: Health and Society I General structure of the health care system in Turkey		Nadi Bakırcı, Figen Demir Pınar Topsever, Demet Dinç Efe Onganer
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40	Oxidation of Lipids		Mustafa Serteser
11:50 – 12:30	Oxidation of Lipids		Mustafa Serteser
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish language and literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

14.04.2011 THURSDAY			
08:30 –12:30	CMPS: Health and Society I Primary Health Care in Turkey Site Visit-PHC facilities (Group A)		Nadi Bakırcı Figen Demir Pınar Topsever Demet Dinç Efe Onganer
13:30 – 14:10	Nucleic Acid Sequencing and Allignment		Sinan Fındık
14:20 – 15:00	Nucleic Acid Sequencing and Allignment		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

15.04.2011 FRIDAY			
08:30 –12:30	CMPS: Health and Society I Primary Health Care in Turkey Site Visit-PHC facilities (Group B)		Nadi Bakırcı Figen Demir Pınar Topsever Demet Dinç Efe Onganer
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

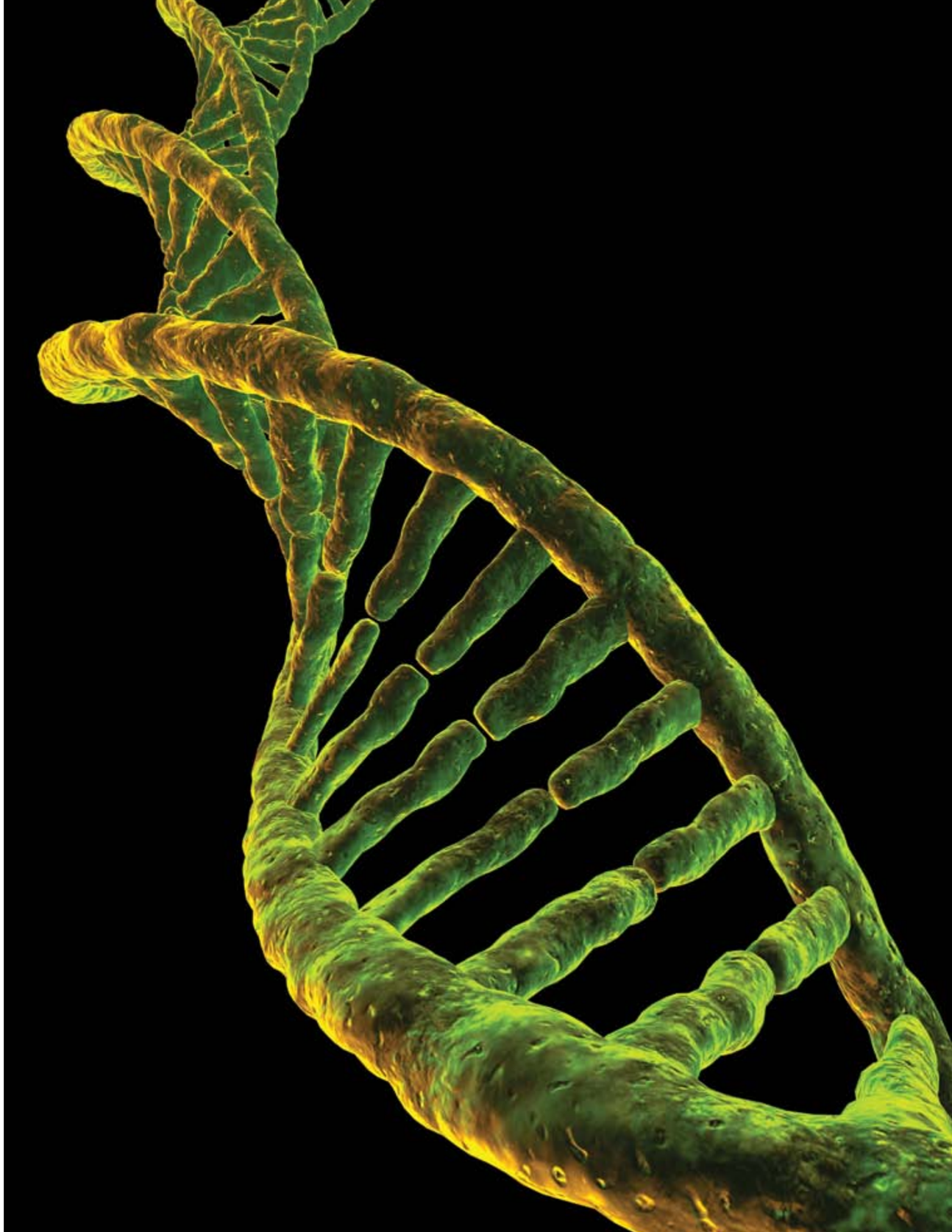
18.04.2011 MONDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

19.04.2010 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			

20.04.2011 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			

21.04.2011 THURSDAY			
08:30 – 09:10	Subject Committee Practical 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			

22.04.2011 FRIDAY			
08:30 – 09:10	Subject Committee Theoretical 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			



25.04.2011 MONDAY			
08:30 – 09:10	Introduction to the course		Aymelek Yalın
09:20 – 10:00	Skull -Neurocranium		Aymelek Yalın
10:10 – 10:50	Skull -Neurocranium		Aymelek Yalın
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

26.04.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Introduction to Human Psychology and Behavioral Sciences		Cem İncesu
10:10 – 10:50	Skull Viscerocranium		Elif Nedret Keskinöz
11:00 – 11:40	Skull Viscerocranium		Elif Nedret Keskinöz
11:50 – 12:30	Information Transmission and Content of Information		Devrim Öz Arslan
13:30 – 14:10	Nucleic Acid Sequencing and Allignment		Sinan Fındık
14:20 – 15:00	Nucleic Acid Sequencing and Allignment		Sinan Fındık
15:10 – 15:50	Nucleic Acid Sequencing and Allignment		Sinan Fındık
16:00 – 17:30	Elective Course II		

27.04.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Histology of Nervous System		Serap Arbak
11:00 – 11:40	Histology of Nervous System		Serap Arbak
11:50 – 12:30	Introduction to Sense		Güldal Güleç
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
	Study Time		

28.04.2011 THURSDAY			
08:30 – 09:10			
09:20 – 10:00	CMPS: Health and Society I		İnci User, Nadi Bakırcı, Figen Demir
10:10 – 10:50			Pınar Topsever, Yeşim Yasin
11:00 – 11:40	Social Determinants of Health: Group Presentations		Demet Dinç, Efe Onganer
11:50 – 12:30			
13:30 – 14:10	Differential Gene Expression Clustering		Sinan Fındık
14:20 – 15:00	Differential Gene Expression Clustering		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

29.04.2011 FRIDAY			
08:30 – 09:10	Introduction to CMPS: Research in Health I		Nadi Bakırcı
09:20 –12:30	CMPS: Research in Health I		Yaman Örs
	Scientific Philosophy and Philosophy of Science		
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

02.05.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Control Mechanisms		Devrim Öz Arslan
10:10 – 10:50	Control Mechanisms		Devrim Öz Arslan
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

03.05.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Theories of Psychopathology		Defne Eraslan
10:10 – 10:50	Theories of Psychopathology		Defne Eraslan
11:00 – 11:40	Base of Skull		Aymelek Yalın
11:50 – 12:30	Base of Skull		Aymelek Yalın
13:30 – 14:10	Differential Gene Expression Clustering		Sinan Fındık
14:20 – 15:00	Differential Gene Expression Clustering		Sinan Fındık
15:10 – 15:50	Differential Gene Expression Clustering		Sinan Fındık
16:00 – 17:30	Elective Course II		

04.05.2011 WEDNESDAY			
08:30 – 09:10	LAB: Histology of Nervous System		Serap Arbak
09:20 – 10:00	LAB: Histology of Nervous System		Serap Arbak
10:10 – 10:50	LAB: Skull Neurocranium, Skull Viscerocranium Section I		Aymelek Yalın, Elif Nedret Keskinöz
11:00 – 11:40	LAB: Skull Neurocranium, Skull Viscerocranium Section I		Aymelek Yalın, Elif Nedret Keskinöz
11:50 – 12:30	Biochemistry of Epithelial Tissue		Abdurrahman Coşkun
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	LAB: Skull Neurocranium, Skull Viscerocranium Section II		Aymelek Yalın, Elif Nedret Keskinöz
16:00 – 16:40	LAB: Skull Neurocranium, Skull Viscerocranium Section II		Aymelek Yalın, Elif Nedret Keskinöz

05.05.2011 THURSDAY			
08:30 – 09:10			
09:20 – 10:00	CMPS: Research in Health I		Nadi Bakırcı
10:10 – 10:50			Figen Demir
11:00 – 11:40	Introduction to Scientific Methodology		Pınar Topsever
11:50 – 12:30			
13:30 – 14:10	Functional Pathway Analysis		Sinan Fındık
14:20 – 15:00	Functional Pathway Analysis		Sinan Fındık
15:10 – 15:50	LAB: Base of Skull Section I		Aymelek Yalın
16:00 – 16:40	LAB: Base of Skull Section II		Aymelek Yalın

06.05.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Develoment of the Central Nervous System		Gözde Erkanlı Şentürk
10:10 – 10:50	Vertebral Column, Ribs and Sternum		Jasna Gürbüz
11:00 – 11:40	Vertebral Column, Ribs and Sternum		Jasna Gürbüz
11:50 – 12:30	LAB: Vertebral Column, Ribs and Sternum Section I		Jasna Gürbüz, Elif Nedret Keskinöz
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	LAB: Vertebral Column, Ribs and Sternum Section II		Jasna Gürbüz, Elif Nedret Keskinöz
16:00 – 16:40	Study Time		

09.05.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Overview to Nervous System		Aymelek Yalın
10:10 – 10:50	Overview to Nervous System		Aymelek Yalın
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

10.05.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Theories of Psychopathology		Defne Eraslan
10:10 – 10:50	Theories of Psychopathology		Defne Eraslan
11:00 – 11:40	Overview to Peripheral Nervous System		Jasna Gürbüz
11:50 – 12:30	Overview to Peripheral Nervous System		Jasna Gürbüz
13:30 – 14:10	Functional Pathway Analysis		Sinan Fındık
14:20 – 15:00	Functional Pathway Analysis		Sinan Fındık
15:10 – 15:50	Philogenetic Analysis		Sinan Fındık
16:00 – 17:30	Elective Course II		

11.05.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Somatosensory Systems		Güldal Güleç
10:10 – 10:50	Somatosensory Systems		Güldal Güleç
11:00 – 11:40	Overview to Central Nervous System		Elif Nedret Keskinöz
11:50 – 12:30	Overview to Central Nervous System		Elif Nedret Keskinöz
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

12.05.2011 THURSDAY			
08:30 – 09:10	CMPS: Research in Health I		Nadi Bakırcı
09:20 – 10:00			
10:10 – 10:50			Figen Demir
11:00 – 11:40	World of Medical Research		Pınar Topsever
11:50 – 12:30			
13:30 – 14:10	Philogenetic Analysis		Sinan Fındık
14:20 – 15:00	Philogenetic Analysis		Sinan Fındık
15:10 – 15:50	Nature of Waves		Şule Oncül
16:00 – 16:40	Nature of Waves		Şule Oncül

13.05.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Special Topics: The Story of Infinity		Tanıl Kocagöz
10:10 – 10:50	Special Topics: The Story of Infinity		Tanıl Kocagöz
11:00 – 11:40	LAB: Overview to Peripheral & Central Nervous System Section I		Jasna Gürbüz, Elif Nedret Keskinöz
11:50 – 12:30	LAB: Overview to Peripheral & Central Nervous System Section I		Jasna Gürbüz, Elif Nedret Keskinöz
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	LAB: Overview to Peripheral & Central Nervous System Section II		Jasna Gürbüz, Elif Nedret Keskinöz
16:00 – 16:40	LAB: Overview to Peripheral & Central Nervous System Section II		Jasna Gürbüz, Elif Nedret Keskinöz

16.05.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Biophysics of photoreception		Beki Kan
10:10 – 10:50	Biophysics of photoreception		Beki Kan
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

17.05.2011 TUESDAY			
08:30 – 09:10	Personality and temperament		Cem İncesu
09:20 – 10:00	Personality and temperament		Cem İncesu
10:10 – 10:50	Personality and temperament		Cem İncesu
11:00 – 11:40	Biochemistry of Connective Tissue		Abdurrahman Coşkun
11:50 – 12:30	Biochemistry of Connective Tissue		Abdurrahman Coşkun
13:30 – 14:10	Blast on GenBank		Sinan Fındık
14:20 – 15:00	Blast on GenBank		Sinan Fındık
15:10 – 15:50	Blast on GenBank		Sinan Fındık
16:00 – 16:40	Elective Course II		

18.05.2011 WEDNESDAY			
08:30 – 09:10			
09:20 – 10:00			
10:10 – 10:50	**MID COMMITTEE EXAMINATION**		
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50			
16:00 – 16:40			

19.05.2011 THURSDAY	
	May 19 Youth and Sports Day

20.05.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	The Orbit and Eyeball		Jasna Gürbüz
10:10 – 10:50	The Orbit and Eyeball		Jasna Gürbüz
11:00 – 11:40	Attention, memory and learning		Cem İncesu
11:50 – 12:30	Attention, memory and learning		Cem İncesu
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Histology of eye		Yasemin Ersoy Çanıllıoğlu
16:00 – 16:40	Histology of eye		Yasemin Ersoy Çanıllıoğlu

23.05.2011 MONDAY			
08:30 – 12:30	STUDENT RESEARCH SYMPOSIUM		
13:30 –16:40	STUDENT RESEARCH SYMPOSIUM		

24.05.2011 TUESDAY			
08:30 – 12:30	STUDENT RESEARCH SYMPOSIUM		
13:30 – 15:50	STUDENT RESEARCH SYMPOSIUM		
16:00 – 17:30	Elective Course II		

25.05.2011 WEDNESDAY			
08:30 – 09:10	Optics		Şule Oncül
09:20 – 10:00	Optics		Şule Oncül
10:10 – 10:50	The Ear		Jasna Gürbüz
11:00 – 11:40	The Ear		Jasna Gürbüz
11:50 – 12:30	The Ear		Jasna Gürbüz
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	LAB: The Orbit and Eyeball Section I		Jasna Gürbüz
16:00 – 16:40	LAB: The Orbit and Eyeball Section II		Jasna Gürbüz

26.05.2011 THURSDAY			
08:30 – 09:10			
09:20 – 10:00	CMPS: Research in Health I		İsmail Hakkı Ulus
10:10 – 10:50			Nadi Bakırcı
11:00 – 11:40	Scientific Thinking and Reasoning		Pınar Topsever
11:50 – 12:30			
13:30 – 14:10	Introduction to NCBI		Sinan Fındık
14:20 – 15:00	Introduction to NCBI		Sinan Fındık
15:10 – 15:50	Biochemistry of Adipose Tissue		Mustafa Serteser
16:00 – 16:40	Biochemistry of Adipose Tissue		Mustafa Serteser

27.05.2011 FRIDAY			
08:30 – 09:10	CMPS: Study Time		
09:20 – 10:00	CMPS: Study Time		
10:10 – 10:50	CMPS: Study Time		
11:00 – 11:40	CMPS: Study Time		
11:50 – 12:30	CMPS: Study Time		
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Biochemistry of Nervous Tissue		Mustafa Serteser
16:00 – 16:40	Biochemistry of Nervous Tissue		Mustafa Serteser

30.05.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Histology of ear		Serap Arbak
10:10 – 10:50	Histology of ear		Serap Arbak
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

31.05.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Emotions, cognition and motivation		Kültegin Ögel
10:10 – 10:50	Emotions, cognition and motivation		Kültegin Ögel
11:00 – 11:40	Optics of vision		Şule Öncül
11:50 – 12:30	Optics of vision		Şule Öncül
13:30 – 14:10	PDB Protein Structure Data Base		Sinan Fındık
14:20 – 15:00	PDB Protein Structure Data Base		Sinan Fındık
15:10 – 15:50	PDB Protein Structure Data Base		Sinan Fındık
16:00 – 17:30	Elective Course II		

01.06.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Receptive fields and retinal processing		Beki Kan
10:10 – 10:50	Receptive fields and retinal processing		Beki Kan
11:00 – 11:40	LAB: Histology of eye and ear		Serap Arbak, Yasemin E. Çanıllıoğlu
11:50 – 12:30	LAB: Histology of eye and ear		Serap Arbak, Yasemin E. Çanıllıoğlu
13:30 – 14:10	Turkish Language and Literature		Hülya Dündar Şahin
14:20 – 15:00	Turkish Language and Literature		Hülya Dündar Şahin
15:10 – 15:50	LAB: The Ear Section I		Jasna Gürbüz
16:00 – 16:40	LAB: The Ear Section II		Jasna Gürbüz

02.06.2011 THURSDAY			
08:30 –12:30	CMPS: Research in Health I		Nadi Bakırcı
			Figen Demir
	Introduction to Epidemiology		Pınar Topsever
13:30 – 14:10	PDB Protein Structure Data Base		Sinan Fındık
14:20 – 15:00	Searching Nucleic Acid Databases in PubMed		Sinan Fındık
15:10 – 15:50	Development of the Eye and the Ear		Yasemin Ersoy Çanıllıoğlu
16:00 – 16:40	Development of the Eye and the Ear		Yasemin Ersoy Çanıllıoğlu

03.06.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Spesific sensory systems: hearing		Güldal Güleç
10:10 – 10:50	Spesific sensory systems: hearing		Güldal Güleç
11:00 – 11:40	Histology of Taste Buds and Olfactory System		Serap Arbak
11:50 – 12:30	Biochemical Aspects of Cytokines		Abdurrahman Coşkun
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

06.06.2011 MONDAY			
08:30 – 09:10	Biophysics of auditory system		Şule Oncul
09:20 – 10:00	Biophysics of auditory system		Şule Oncül
10:10 – 10:50	Biophysics of auditory system		Şule Oncül
11:00 – 11:40	Atatürk's Principles and History of Revolution		Özgür Mutlu Ulus
11:50 – 12:30	Atatürk's Principles and History of Revolution		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	Study Time		

07.06.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Thinking and language		Defne Eraslan
10:10 – 10:50	Stress		Defne Eraslan
11:00 – 11:40	Upper extremity bones		Elif Nedret Keskinöz
11:50 – 12:30	Upper extremity bones		Elif Nedret Keskinöz
13:30 – 14:10	Searching Nucelic Acid Databases in PubMed		Sinan Fındık
14:20 – 15:00	Searching Nucelic Acid Databases in PubMed		Sinan Fındık
15:10 – 15:50	Searching Nucelic Acid Databases in PubMed		Sinan Fındık
16:00 – 17:30	Study Time		

08.06.2011 WEDNESDAY			
08:30 – 09:10	Biochemical Aspects of Immunoglobulins		Abdurrahman Coşkun
09:20 – 10:00	Lower extremity bones		Elif Nedret Keskinöz
10:10 – 10:50	Lower extremity bones		Elif Nedret Keskinöz
11:00 – 11:40	LAB: Electrooculogram Section I		Şule Öncül
11:50 – 12:30	LAB: Electrooculogram Section I		Şule Öncül
13:30 – 14:10	LAB: Electrooculogram LAB Section II		Şule Öncül
14:20 – 15:00	LAB: Electrooculogram LAB Section II		Şule Öncül
15:10 – 15:50			
16:00 – 16:40			

09.06.2011 THURSDAY			
08:30 –12:30	CMPS: Research in Health I Case study: "Smoking and Carcinoma of the lung" Richard Doll and Bradford Hill		Nadi Bakırcı Figen Demir Pınar Topsever
13:30 – 14:10	LAB: Upper and Lower extremity bones Section I		Elif Nedret Keskinöz
14:20 – 15:00	LAB: Upper and Lower extremity bones Section I		Elif Nedret Keskinöz
15:10 – 15:50	LAB: Upper and Lower extremity bones Section II		Elif Nedret Keskinöz
16:00 – 16:40	LAB: Upper and Lower extremity bones Section II		Elif Nedret Keskinöz

10.06.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Small Group Discussion		Biochemistry
10:10 – 10:50	Small Group Discussion		Biochemistry
11:00 – 11:40	Small Group Discussion		Biochemistry
11:50 – 12:30	Small Group Discussion		Biochemistry
13:30 – 14:10	Medical English II		
14:20 – 15:00	Medical English II		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

13.06.2011 MONDAY			
08:30 – 09:10	Membrane Structure and Mechanisms of Signal Transduction		Mustafa Serteser
09:20 – 10:00	Membrane Structure and Mechanisms of Signal Transduction		Mustafa Serteser
10:10 – 10:50	Taste, bud and olfactory system		Güldal Güleç
11:00 – 11:40	Taste, bud and olfactory system		Güldal Güleç
11:50 – 12:30	Anatomy of the Endocrine Organs		Jasna Gürbüz
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

14.06.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Histology of the Endocrine Organs		Serap Arbak
10:10 – 10:50	Histology of the Endocrine Organs		Serap Arbak
11:00 – 11:40	LAB: Histology of the Endocrine Organs		Serap Arbak
11:50 – 12:30	LAB: Histology of the Endocrine Organs		Serap Arbak
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

15.06.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Introduction to the endocrine system physiology		Güldal Güleç
10:10 – 10:50	LAB: Biofeedback and reaction time Section I		Devrim Öz Arslan
11:00 – 11:40	LAB: Biofeedback and reaction time Section I		Devrim Öz Arslan
11:50 – 12:30	Development of Endocrine Organs		Gözde Erkanlı Şentürk
13:30 – 14:10	LAB: Biofeedback and reaction time Section II		Devrim Öz Arslan
14:20 – 15:00	LAB: Biofeedback and reaction time Section II		Devrim Öz Arslan
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

16.06.2011 THURSDAY			
08:30 – 12:30	CMPS: Research in Health I Causation in Epidemiology		Nadi Bakırcı Figen Demir Pınar Topsever
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

17.06.2011 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			

20.06.2011 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			

21.06.2011 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			

22.06.2011 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			
16:00 – 16:40			

23.06.2011 THURSDAY			
08:30 – 09:10	Subject Committee Practical 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			

24.06.2011 FRIDAY			
08:30 – 09:10	Subject Committee Theoretical 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			

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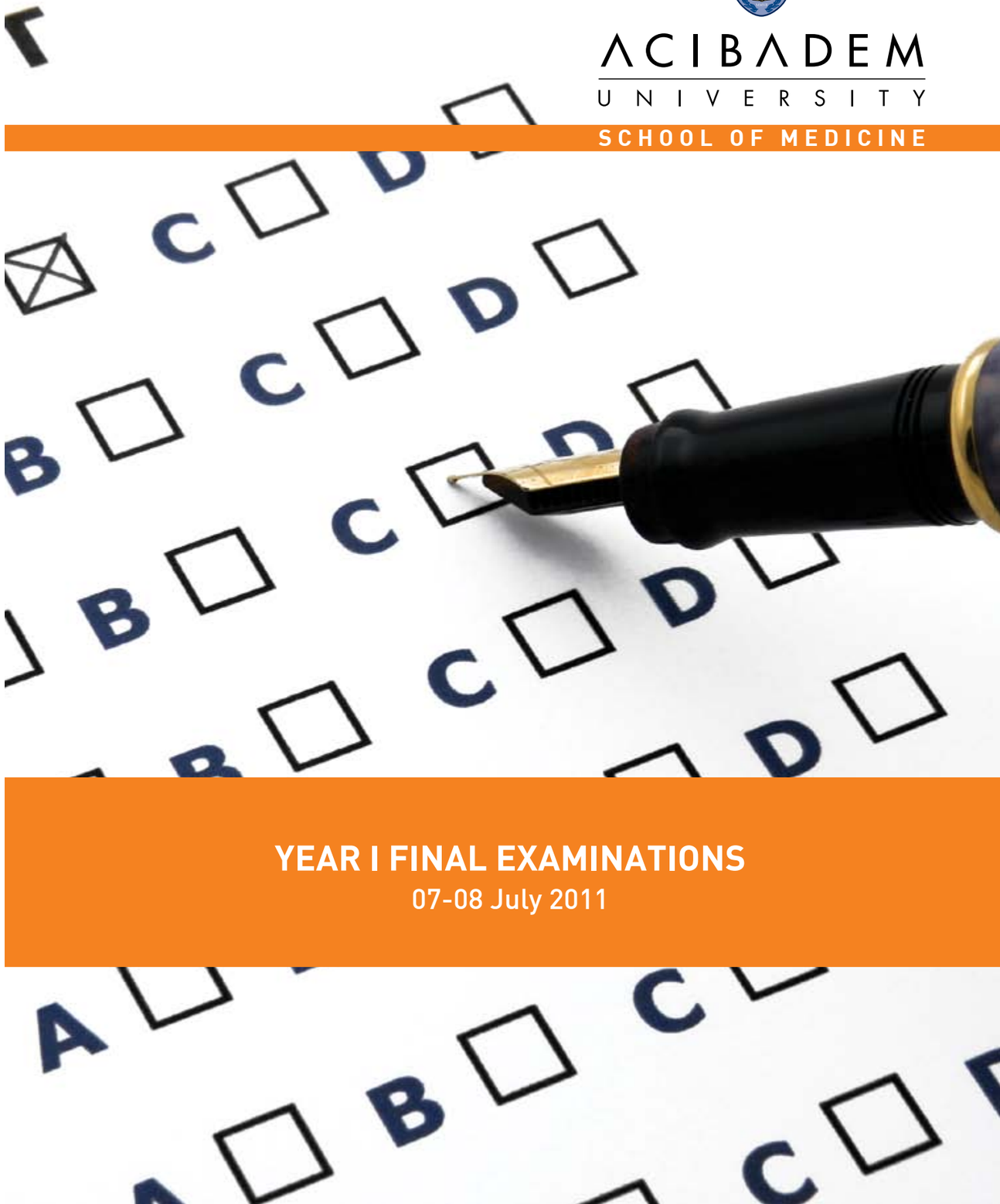

YEAR I FINAL EXAMINATIONS

07-08 July 2011

YEAR 2 CURRICULUM 2010 - 2011

SUBJECT COMMITTEES

I- Cell & Tissue: Homeostasis	Sep 13-Oct 12
II- Cell & Tissue: Infection and Neoplasia	Oct 18-Nov 29
III- Heamatopoietic and Immune Systems and Related Disorders	Dec 06-Jan 21
IV- Musculoskeletal System and Related Disorders	Feb 14-Apr 01
V- Respiratory System and Related Disorders	Apr 07-May 26
CMPS-III	Sep 14-Jan 21
CMPS-IV	Feb 14-May 10
MEDICAL INFORMATICS & BIOMEDICAL TECHNOLOGIES	Sep 13-May 28

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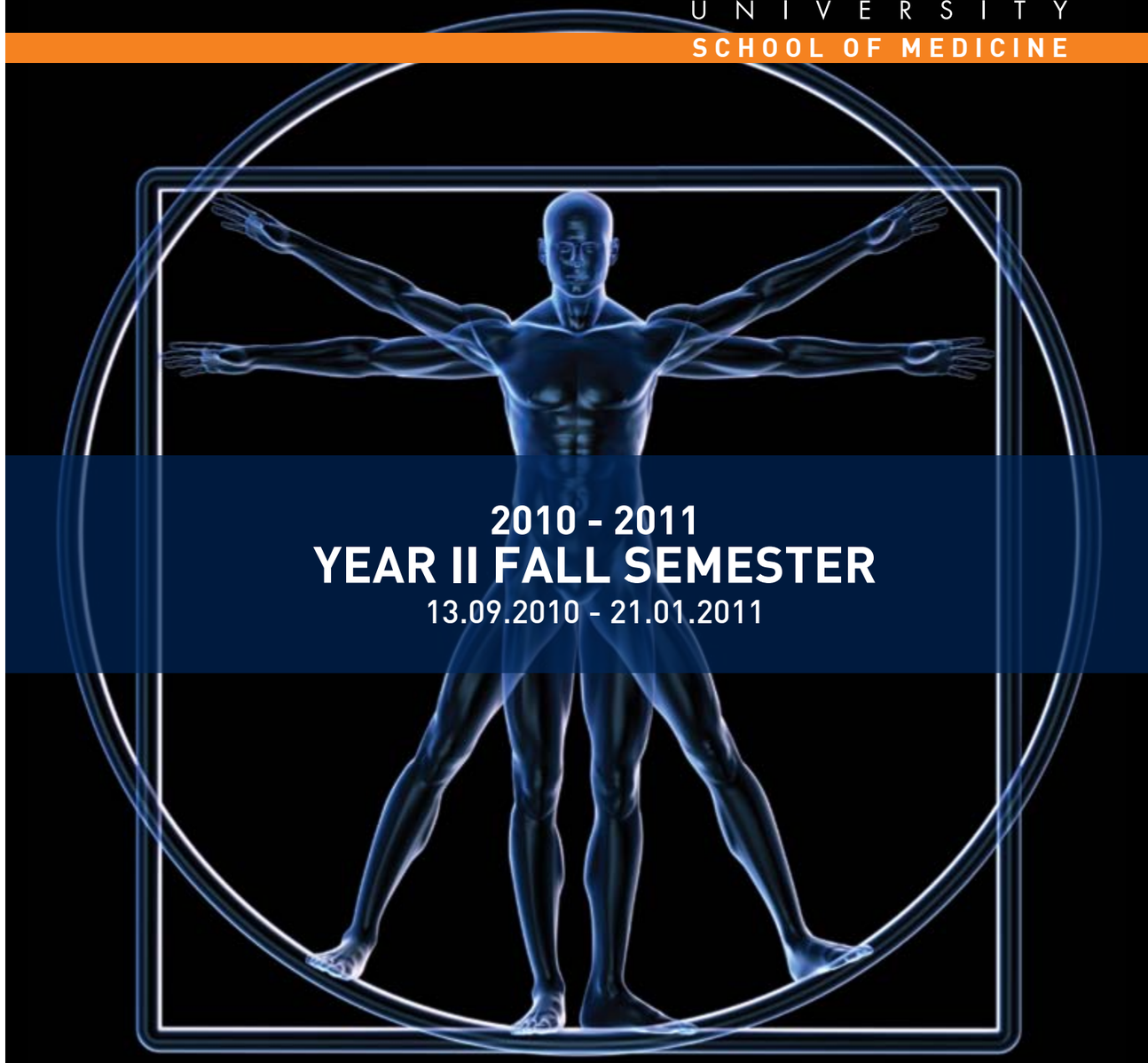


2010 - 2011
YEAR II FALL SEMESTER
13.09.2010 - 21.01.2011

YEAR 2 HOURS and CREDITS

FALL SEMESTER

COURSES	Theoretical Hour			Practical Hour			Study Time	Total	National credits	ETCS
	Lectures	IALS	Sub Total	Lab study	Field study	Sub Total				
Cell and Tissue Injury: Homeostasis	49	0	49	15	0	15	38	102	**4**	**4**
Cell and Tissue Injury: Infection and Neoplasia	89	0	89	31	0	31	71	191	**8**	**7**
Hematopoietic and Immun System and Related Disorders	80	9	89	21	0	21	61	171	**7**	**6**
Clinical Medicine & Professional Skills-III	12	27	39	31	73	104	70	213	**7**	**8**
Medical Informatics and Biomedical Technologies	12	0	12	58	0	58	15	85	**3**	**3**
Medical English-III	22	0	22	41	0	41	10	73	**3**	**3**
Elective Course-III	28	0	28	0	0	0	5	33	**2**	**1**
FALL TOTAL	**292**	**36**	**328**	**197**	**73**	**270**	**270**	**868**	**34**	**32**

IALS Interactive Learning Sessions (Panels, debates, discussions, symposia, case studies, problem-based learning sessions, etc.)
Field Study Site visits, Studies in the community, Working in health facilities
Lab Study Clinical skills labs, Basic sciences labs, Computer labs, Performance sessions
Study Time Self Directed Learning, Preparation

YEAR 2 COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	49	Credit	ECTS
			Practical (Hour)	15		
Cell and Tissue Injury: Homeostasis	MED 201	Fall	Study time (Hour)	38	4	4

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Committe Chairs	:	Prof. A. Sesin Kocagöz.; sesin.kocagoz@asg.com.tr Assoc. Prof. Yeşim Işıl Ülman; yesimul@yahoo.com
Academic Units & Staff	:	**Biochemistry:** Abdurrahman COŞKUN, M.D., Assoc. Prof. **Biophysics:** Beki KAN, Ph.D., Prof.. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN , Ph.D., Assist. Prof. **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. **Medical Microbiology:** Tanıl KOCAGÖZ, M.D. Ph.D., Prof. Sesin KOCAGÖZ, M.D. Prof. Işın AKYAR, M.D., Instructor. Hülya KUŞOĞLU, M.D., Instructor. **Nuclear Medicine:** Erkan VARDARELİ, M.D. Prof. **Pathology:** Aydın SAV, M.D., Prof. Selçuk BİLGİ, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof. **Pharmacology:** İsmail Hakkı ULUS, M.D., Ph.D., Prof **Physics:** Şule ÖNCÜL, Ph.D., Assist. Prof. **Physiology:** Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof.
Course Duration	:	13.9.2010-15.10.2010
Educational Methods	:	Theoretical and Practical Courses, Discussions, Seminars

Assessment Methods	:	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	:	The main aim of "Cell and Tissue Injury-I" course is to provide necessary knowledge about the basic mechanisms of injury, haemodynamic principles along with response of the body and describe the general features of medically important microorganisms.
Learning Outcomes	:	• gain knowledge about basic principles of physiology of the molecular transport systems and haemodynamic principles • distinguish types, sources and hazards of radiation • comprehend microbial metabolism and their pathogenesis in cells and tissues • classify sterilization and disinfection procedures • apply culture and microscopy techniques for identification of microorganisms • be able to define pathological response to tissue and cell injury, mechanisms of tissue repair • be able to explain and point out the importance of medical biology and genetics in medicine and define the molecular basis of genetic diseases • practice and review disease causing pathologies • review the basic concepts of nuclear medicine

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	89	Credit	ECTS
			Practical (Hour)	31		
Cell and Tissue Injury: Infection and Neoplasia	MED 203	Fall	Study time (Hour)	71	7	7

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Committe Chairs	:	Prof. Aysel Özpınar; aysel.ozpinar@acibadem.edu.tr Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Academic Units & Staff	:	**Biochemistry:** Abdurrahman COŞKUN, M.D., Assoc. Prof. İbrahim ÜNSAL, M.D., Ph.D., Assoc. Prof. **Biophysics:** Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. **Microbiology:** Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Işın AKYAR, M.D., Instructor Hülya KUŞOĞLU, M.D., Instructor **Pathology:** Aydın SAV, M.D., Prof. Selçuk BİLGİ, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof. **Pharmacology:** İsmail Hakkı ULUS, M.D., Ph.D., Prof. **Physiology:** Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof. **Public Health:** Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof.
Course Duration	:	18.10.2010-03.12.2010
Educational Methods	:	Theoretical and Practical Courses, Discussions, Seminars
Assessment Methods	:	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	:	The purpose of this course is to expand medical students' basic science knowledge to comprehend how certain changes in human body may give rise to disease and to analyze underlying processes of human diseases while developing their scientific skills.
Learning Outcomes	:	• gain knowledge about basic principles of physiology of the molecular transport systems and haemodynamic principles • distinguish types, sources and hazards of radiation • comprehend microbial metabolism and their pathogenesis in cells and tissues • classify sterilization and disinfection procedures • apply culture and microscopy techniques for identification of microorganisms • be able to define pathological response to tissue and cell injury, mechanisms of tissue repair • be able to explain and point out the importance of medical biology and genetics in medicine and define the molecular basis of genetic diseases • practice and review disease causing pathologies • review the basic concepts of nuclear medicine

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	89	Credit	ECTS
			Practical (Hour)	21		
Hematopoietic and Immune System & Related Disorders	MED 205	Fall	Study time (Hour)	61	7	6

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Committe Chairs	:	Prof. Siret Ratip; sratip@asg.com.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Academic Units & Staff	:	**Anatomy:** Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., Instructor. **Biochemistry** Abdurrahman COŞKUN, M.D., Assoc. Prof. Tamer İNAL, M.D., Assist. Prof. **Child Health and Disease:** Ebru TUĞRUL SARIBEYOĞLU, M.D., Assist. Prof. Ertuğrul ERYILMAZ, M.D., Assist. Prof. **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. **Haematology:** Siret RATİP, M.D., Ph.D., Prof. **Medical Biology:** Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. **Histology and Embryology :** Serap ARBAK, Ph.D., Prof. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Instructor **Microbiology & Clinical Microbiology:** Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Işın AKYAR, M.D., Instructor **Pathology:** Aydın SAV, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof. **Pharmacology:** İsmail Hakkı ULUS, M.D., Ph.D., Prof. **Physiology:** Güldal GÜLEÇ, M.D., Prof. **Affiliated Faculty** **Anatomy:** Jasna GÜRBÜZ, M.D., Ph.D.
Course Duration	:	06.12.2010-28.01.2011
Educational Methods	:	Theoretical and Practical Courses, Discussions, Seminars, Interactive Module
Assessment Methods	:	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	:	The aim of this course is to provide an account of the histological, physiological, biochemical and genetic basis of the haematological processes with descriptions of the clinical and laboratory features and management of blood disorders.
Learning Out comes	:	By the end of this course, the students will be able to: • define the basic histological, physiological, biochemical and genetic properties involved in haematological processes • describe the pathology which occurs when these normal processes are disturbed • explain the processes that protect our body from infectious agents • explain the clinical and laboratory features of common blood disorders and their management

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	39	Credit	ECTS
			Practical (Hour)	104		
Clinical Medicine and Professional Skills (CMPS)-III	MED 207	Fall	Study time (Hour)	70	7	8

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators:	:	Prof.Tanıl Kocagöz tk05-k@tr.net Assist. Prof. Melike Şahiner melike.sahiner@acibadem.edu.tr
CMPS Coordinators:	:	Assoc. Prof. Nadi BAKIRCI; nadi.bakirci@acibadem.edu.tr Assoc. Prof. Pınar TOPSEVER; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	**Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor **History of Medicine and Ethics:** Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof. **Pharmacology:** İsmail Hakkı ULUS, MD., Ph.D., Prof. **Physiology:** Melike ŞAHİNER, M.D., Ph.D., Assist. Prof. **Public Health:** Nadi BAKIRCI, M.D., Ph.D, Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor **Affiliated Faculty** İnci USER, PhD., Assoc. Prof. Yeşim YASİN, MSc. Şirin PARKAN M.D.
Course Duration	:	14.09.2010-11.01.2011
Educational Methods	:	Interactive lectures, drama, role play, peer discussions, experiential learning, field studies, seminars, site visits, group assignments, making projects, group presentations and discussions, reflective and peer group learning experiences.
Assessment Methods	:	Theoretical and practical examinations, essays, presentations, performance based assessment , OSCE, written examination, log-books, standardized evaluation of projects.
Course Aims	:	This course aims to **Clinical and Communication Skills:** to provide necessary knowledge and skills about; • communication with patients, their relatives and carers and third parties • communication with groups, colleagues in a medical context • history taking (anamnesis) and basic physical examination **Health and Society:** to create a learning opportunity for students to develop the knowledge and skills related to the prevention and promotion of population health **Research in Health:** to create a learning opportunity for students to gain knowledge and skills related to planning and conducting a medical research project.

Learning Outcomes	:	By the end of this course, the students will; **Clinical and Communication Skills:** • name the steps and defines the structure of a medical patient interview • demonstrate active listening skills during physician-patient encounter • demonstrate non-verbal communication skills during physician-patient encounter • use empathy in a medical encounter to build up an effective physician-patient relationship • communicate effectively, sensitively and clearly • have established competence in interpersonal communication with individuals from different backgrounds (health status and socio-demographics) • be able to communicate effectively with patients, their relatives/carers to collect and to give correct and necessary information • ensure patient participation in medical decisions and obtain informed consent • be aware of group dynamics and the necessity of team work in health care • demonstrate consultative and scholar communication skills(communication with colleagues and other health care professionals) • display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment • explain how to communicate with groups-public for health education programs • correctly plan and take a complete medical history (anamnesis) • correctly complete the physical examination **Health and Society:** • discuss the principles and application of primary, secondary and tertiary prevention of disease and promotion of health • discuss the relations between different aspect of stratification and health and illness o Social class and health o Race/ethnicity and health o Gender and health o Age and health • recognize the role of environmental and occupational hazards in ill health and discuss ways to mitigate their effects • make a field observation about the practice of primary health care • prepare a project proposal to develop and use the appropriate tools for health promotion and prevention **Research in Health:** - formulate a simple relevant research question in biomedical, psychosocial or population science - design an appropriate study or experiment to address the question - plan a data collection method and develop necessary tools depending on the nature of information - explain the ethical and legal issues involved in medical research

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	30	Credit	ECTS
			Practical (Hour)	98		
Medical Informatics And Biomedical Technologies	MED 209	Fall/Spring	Study time (Hour)	30	6	6

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Course Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr Hülya Karayazı, Instructor; hulya.karayazi@acibadem.edu.tr
Academic Units & Staff	:	Sinan FINDIK, Instructor Eda Demirci Gürdal Şahin Özge Sağıroğlu Yurdakul Abdulbaki MUDUN, M.D., Assoc. Prof. Banu COŞAR , M.D., Assoc. Prof. Çağlar ÇUHADAROĞLU, M.D., Prof. Ceyda EREL KİRİŞOĞLU, M.D., Assist. Prof Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Beki KAN, Ph.D., Prof. Devrim ÖZ ARSLAN , Ph.D., Assist. Prof. Erkan VARDARELİ, M.D., Prof. Enis ÖZYAR M.D., Prof. Gülcan ABALI, M.D., Assist. Prof. İbrahim ÜNSAL, M.D., Ph.D., Assoc. Prof. Koray ÖZDUMAN, M.D., Assist. Prof.M. Olcay ÇİZMELİ, M.D., Assoc. Prof. Alp DINÇER, M.D., Assist. Prof. Ümit Aksoy ÖZCAN, M.D., Assist. Prof. Ali TÜRK, M.D., Assist. Prof. Mete GÜNGÖR, M.D., Prof. Nigar BAYKAN, M.D., Prof. Nurdan TÖZÜN , M.D., Prof. Murat SARUÇ, M.D., Assoc. Prof. Seden ERTAN ÇELIK, M.D., Assoc. Prof. Şule ÖNCÜL , Ph.D., Assist. Prof. Tanıl KOCAGÖZ, M.D. Ph.D., Prof.
Course Duration	:	13.09.2010-28.05.2011
Educational Methods	:	Theoretical and Practical Courses, Discussions, Seminars
Assessment Methods	:	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	:	The main aim of "Medical Informatics and Biomedical technologies" course is; • to provide necessary information about basic concepts of genetics and molecular biology research areas in medicine, sequence databases (personal use of NCBI/Pubmed, SCI databases etc.) and their working mechanisms, data searching and saving, and molecular structure prediction. • to provide necessary knowledge and skills about the information technology systems that are used by healthcare organizations • to understand the basic principles of biomedical technologies that are used in diagnosis of diseases, treatment and management of patients • to learn the applications of biomedical systems and instruments used in diagnosis and treatment

Learning Outcomes	:	By the end of this course, the students will: • search for and find the necessary information sources on medical databases • learn the necessary medical information sources on web browsers in depth, and evaluate the information. • become familiarized with new generation DNA/RNA sequencing platforms and to analyze the data this technology provides • to learn bioinformatics methodologies and tools • gain knowledge about the operating systems, computer hardware and software systems • have experience of word processing, presentation and data analysis softwares • have experience on databases, data security • use hospital automation systems • comprehend the role and importance of information technologies (IT) infrastructure for improving the medical science. • practice and review the computer and its application • gain knowledge about the principles of flowcytometry and how it is used in cell difrentiation and counting • understand how light and used for chemical and molecular analysis; the principle of fluorescence and its application in medicine • evaluate different techniques of nucleic acid amplification and detection • comprehend different techniques like electrophoresis, chromatography and mass spectrometry for separation and analysis of molecules • evaluate differences between various endoscopic techniques and their applications • comprehend the principles of image production by X-Ray, ultrasonography, computerized tomography (CT) and magnetic resonance imaging (MRI) • understand the principles of electrophysiological systems, electromyography (EMG) and electroencephalography (EEG) and how they are used in the diagnosis of diseases. • gain knowledge about laser, and its application in medicine. • comprehend radiotherapy in the treatment of cancer.

ACIBADEM
UNIVERSITY
SCHOOL OF MEDICINE

YEAR II FALL SEMESTER SCHEDULE

13.09.2010-28.01.2011

13.09.2010 MONDAY			
08:30 – 09:10	Introduction to the year 2		Tanıl Kocagöz-Melike Şahiner
09:20 – 10:00	Introduction to the Subject Committee		Sesin Kocagöz-Yeşim Ülman
10:10 – 10:50	Body Fluids		Mehmet Ergen
11:00 – 11:40	Body Fluids		Mehmet Ergen
11:50 – 12:30	Study Time		
13:30 – 14:10	Genbank SNPs, GOG, STSs, and ESTs data bases		Sinan Fındık
14:20 – 15:00	Genbank SNPs, GOG, STSs, and ESTs data bases		Sinan Fındık
15:10 – 15:50	Genbank SNPs, GOG, STSs, and ESTs data bases		Sinan Fındık
16:00 – 16:40	Study Time		

14.09.2010 TUESDAY			
08:30 -10:00	CMPS: Research In Health-II Overview of scientific research		Nadi Bakırcı Figen Demir
10:10 –12:30	CMPS: Research In Health-II How to do research? An introduction to research process		
13:30 -16:40	CMPS: Clinical And Communication Skills The medical interview: What is the purpose of the medical interview? patient-centered approach		Pınar Topsever, Efe Onganer, Demet Dinç , Melike Şahiner

15.09.2010 WEDNESDAY			
08:30 – 09:10	Electromagnetic spectrum		Şule Öncül
09:20 – 10:00	Lab.safety, Collection and transport of specimens		Işın Akyar
10:10 – 10:50	Bacterial classification, Observation of Organisms by Microscopy		Tanıl Kocagöz
11:00 – 11:40	LAB: Laboratory Safety and Microscopy, Bacterial classification		Işın Akyar
11:50 – 12:30	LAB: Laboratory Safety and Microscopy, Bacterial classification		Işın Akyar
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Study Time		

16.09.2010 THURSDAY			
08:30 – 09:10	Introduction to Pathology		Aydın Sav
09:20 – 10:00	Radioactivity: the decay law, physical half-life, biological half life ?		Şule Öncül
10:10 – 10:50	Sterilization and disinfection		Görkem Yaman
11:00 – 11:40	Sterilization and disinfection		Görkem Yaman
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

17.09.2010 FRIDAY			
08:30 – 09:10	Cell injury and death		Aydın Sav
09:20 – 10:00	Biochemical aspects of cell death		Abdurrahman Coşkun
10:10 – 10:50	LAB: Cell injury and death		Aydın Sav
11:00 – 11:40	Introduction to pharmacology and toxicology		İsmail Hakkı Ulus
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: Genbank SNPs, GOG, STSs, and ESTs data bases		Sinan Fındık
14:20 – 15:00	LAB: Genbank SNPs, GOG, STSs, and ESTs data bases		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

20.09.2010 MONDAY			
08:30 – 09:10	Adaptive cell reactions and abnormal accumulations		Aydın Sav
09:20 – 10:00	LAB Adaptive cell reactions and abnormal accumulations		Aydın Sav
10:10 – 10:50	Pharmacokinetics: Drug absorption and distribution		İsmail Hakkı Ulus
11:00 – 11:40	Pharmacokinetics: Drug metabolism and elimination		İsmail Hakkı Ulus
11:50 – 12:30	Study Time		
13:30 – 14:10	EMBL Ensemble gene cross reference data base		Sinan Fındık
14:20 – 15:00	EMBL Ensemble gene cross reference data base		Sinan Fındık
15:10 – 15:50	EMBL Ensemble gene cross reference data base		Sinan Fındık
16:00 – 16:40	Study Time		

21.09.2010 TUESDAY			
08:30 –12:30	CMPS: Research In Health-II Formulating a research question		Nadi Bakırcı Figen Demir
13:30 –16:40	CMPS: Clinical And Communication Skills The medical interview-I: biomedical information (anamnesis - medical history taking) ; shared decision making and closure		Efe Onganer Demet Dinç Melike Şahiner Yeşim Işıl Ülman

22.09.2010 WEDNESDAY			
08:30 – 09:10	Types of radiation		Beki Kan
09:20 – 10:00	Types of radiation		Beki Kan
10:10 – 10:50	Dosimetry, basic concepts		Şule Öncül
11:00 – 11:40	Tissue renewal and repair: regeneration, healing, and fibrosis		Aydın Sav
11:50 – 12:30	Tissue renewal and repair: regeneration, healing, and fibrosis		Aydın Sav
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Study Time		

23.09.2010 THURSDAY			
08:30 – 09:10	Interaction of radiation with matter		Beki Kan
09:20 – 10:00	Effects of ionizing radiation on cell and organism		Devrim Öz Arslan
10:10 – 10:50	LAB: Tissue renewal and repair: regeneration, healing, and fibrosis		Aydın Sav
11:00 – 11:40	LAB: Tissue renewal and repair: regeneration, healing, and fibrosis		Aydın Sav
11:50 – 12:30			
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

24.09.2010 FRIDAY			
08:30 – 09:10	Haemodynamic disorders		Aydın Sav
09:20 – 10:00	Thromboembolic disease		Aydın Sav
10:10 – 10:50	Thromboembolic disease		Aydın Sav
11:00 – 11:40	LAB: Haemodynamic disorders		Aydın Sav
11:50 – 12:30	LAB: Thromboembolic disease		Aydın Sav
13:30 – 14:10	LAB: EMBL Ensemble gene cross reference data base		Sinan Fındık
14:20 – 15:00	LAB: EMBL Ensemble gene cross reference data base		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

27.09.2010 MONDAY			
08:30 – 09:10	Acute inflammatory response		Aydın Sav
09:20 – 10:00	Acute inflammatory response		Aydın Sav
10:10 – 10:50	LAB: Acute inflammatory response		Aydın Sav
11:00 – 11:40	From pathology to disease-I		Pınar Topsever
11:50 – 12:30	From pathology to disease-I		Pınar Topsever
13:30 – 14:10	LAB: EMBL Ensemble gene cross reference data base		Sinan Fındık
14:20 – 15:00	LAB: EMBL Ensemble gene cross reference data base		Sinan Fındık
15:10 – 15:50	LAB: EMBL Ensemble gene cross reference data base		Sinan Fındık
16:00 – 16:40	Study Time		

28.09.2010 TUESDAY			
08:30 –12:30	CMPS: Research in Health-II Study Design		Nadi Bakırcı Figen Demir
13:30 –16:40	CMPS: Clinical And Communication Skills Physical examination-I: introduction to methodology, evaluation of general condition of a patient		Melike Şahiner

29.09.2010 WEDNESDAY			
08:30 – 09:10	Microbial Growth Cultivation of Microorganisms		Sesin Kocagöz
09:20 – 10:00	Microbial Growth Cultivation of Microorganisms		Sesin Kocagöz
10:10 – 10:50	LAB: Culture media and inoculation techniques		Sesin Kocagöz
11:00 – 11:40	LAB: Culture media and inoculation techniques		Sesin Kocagöz
11:50 – 12:30	Molecular and radiobiological behaviour		Devrim Öz Arslan
13:30 – 14:10	Laser and infrared radiation and their applications in medicine		Şule Öncül
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

30.09.2010 THURSDAY			
08:30 – 09:10	Immunopathology		Aydın Sav
09:20 – 10:00	Immunopathology		Aydın Sav
10:10 – 10:50	LAB: Immunopathology		Aydın Sav
11:00 – 11:40	Pharmacodynamics: Principles of drug actions		İsmail Hakkı Ulus
11:50 – 12:30	**Mid Committee Examination**		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

01.10.2010 FRIDAY			
08:30 – 09:10	Microbial genetics		Tanıl Kocagöz
09:20 – 10:00	Microbial genetics		Tanıl Kocagöz
10:10 – 10:50	LAB: Identification of bacteria		Sesin Kocagöz
11:00 – 11:40	LAB: Identification of bacteria		Sesin Kocagöz
11:50 – 12:30	Study Time		
13:30 – 14:10	OMIM medical genetics data base		Sinan Fındık
14:20 – 15:00	OMIM medical genetics data base		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

04.10.2010 MONDAY			
08:30 – 09:10	Antimicrobial agents, mechanisms of action and resistance		Tanıl Kocagöz
09:20 – 10:00	Antimicrobial agents, mechanisms of action and resistance		Tanıl Kocagöz
10:10 – 10:50	LAB: Antibiotics susceptibility testing		Hülya Kuşoğlu
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: OMIM medical genetics data base		Sinan Fındık
14:20 – 15:00	LAB: OMIM medical genetics data base		Sinan Fındık
15:10 – 15:50	LAB: OMIM medical genetics data base		Sinan Fındık
16:00 – 16:40	Study Time		

05.10.2010 TUESDAY			
08:30 –12:30	CMPS: Research In Health-II Study Design		Nadi Bakırcı Figen Demir Pınar Topsever
13:30 –16:40	CMPS: Clinical And Communication Skills Physical examination-II: head-neck, lymphatic system		Pınar Topsever, Efe Onganer, Demet Dinç , Melike Şahiner

06.10.2010 WEDNESDAY			
08:30 – 09:10	Molecular imaging, basic concepts		Erkan Vardareli
09:20 – 10:00	Pharmacodynamics:drug receptor interactions and dose-response relations		İsmail Hakkı Ulus
10:10 – 10:50	Pharmacodynamics:drug receptor interactions and dose-response relations		İsmail Hakkı Ulus
11:00 – 11:40	LAB: Antibiotic Susceptibility Testing		Hülya Kuşoğlu
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

07.10.2010 THURSDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Drug interactions		İsmail Hakkı Ulus
10:10 – 10:50	Drug interactions		İsmail Hakkı Ulus
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

08.10.2010 FRIDAY			
08:30 – 09:10	Microbial pathogenesis		Sesin Kocagöz
09:20 – 10:00	Microbial pathogenesis		Sesin Kocagöz
10:10 – 10:50	Factors affecting drug actions		İsmail Hakkı Ulus
11:00 – 11:40	Pharmacogenetics: receptors, transporters and enzymes polymorphisms		İsmail Hakkı Ulus
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: OMIM medical genetics data base		Sinan Fındık
14:20 – 15:00	LAB: OMIM medical genetics data base		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

11.10.2010 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Biomarker discovery		Sinan Fındık
14:20 – 15:00	Biomarker discovery		Sinan Fındık
15:10 – 15:50	LAB: Biomarker discovery		Sinan Fındık
16:00 – 16:40	Study Time		

12.10.2010 TUESDAY			
08:30 –12:30	CMPS: Research In Health-II Study Design		İsmail Hakkı Ulus Melike Şahiner Nadi Bakırcı
13:30 –16:40	CMPS: Clinical And Communication Skills Physical examination-III: thorax, cardiac and circulatory systems		Pınar Topsever Efe Onganer, Demet Dinç Melike Şahiner

13.10.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

14.10.2010 THURSDAY			
08:30 – 09:10	**Subject Committee Practical 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			

15.10.2010 FRIDAY			
08:30 – 09:10	**Subject Committee Theoretical 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			

18.10.2010 MONDAY			
08:30 – 09:10	Introduction to the course		Aysel Özpınar-Melike Şahiner
09:20 – 10:00	Gram positive cocci		Sesin Kocagöz
10:10 – 10:50	Gram positive cocci		Sesin Kocagöz
11:00 – 11:40	Gram positive cocci		Sesin Kocagöz
11:50 – 12:30	Gram negative cocci and coccobacilli		Hülya Kuşoğlu
13:30 – 14:10	LAB: Biomarker discovery		Sinan Fındık
14:20 – 15:00	LAB: Biomarker discovery		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

19.10.2010 TUESDAY			
08:30 –12:30	CMPS: Research In Health-IIw Data collection methods/tools		Pınar Topsever Figen Demir
13:30 –16:40	CMPS: Clinical And Communication Skills Physical examination-IV: GIS		Pınar Topsever Efe Onganer Melike Şahiner

20.10.2010 WEDNESDAY			
08:30 – 09:10	HACEK, Neisseria, Haemophilus, Bordatella		Işın Akyar
09:20 – 10:00	HACEK, Neisseria, Haemophilus, Bordatella		Işın Akyar
10:10 – 10:50	Prostaglandins		Abdurrahman Coşkun
11:00 – 11:40	Prostaglandins		Abdurrahman Coşkun
11:50 – 12:30	Chronic inflammatory response		Aydın Sav
13:30 – 14:10	Tissue responses to infections		Selçuk Bilgi
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

21.10.2010 THURSDAY			
08:30 – 09:10	Gram positive aerobic bacilli		Hülya Kuşoğlu
09:20 – 10:00	Gram positive aerobic bacilli		Hülya Kuşoğlu
10:10 – 10:50	General principles of antimicrobial therapy		İsmail Hakkı Ulus
11:00 – 11:40	Sulfonamides, trimethoprim-sulfamethoxazole and quinolones		İsmail Hakkı Ulus
11:50 – 12:30	LAB: Chronic inflammatory response		Aydın Sav
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

22.10.2010 FRIDAY			
08:30 – 09:10	Penicillins, cephalosprorins and other beta-lactam antibiotics		İsmail Hakkı Ulus
09:20 – 10:00	Hypothalamic functions as a part of the control systems of the body		Mehmet Ergen
10:10 – 10:50	Hypothalamic functions as a part of the control systems of the body		Mehmet Ergen
11:00 – 11:40	Environmental Pathology		Aydın Sav
11:50 – 12:30	Environmental Pathology		Aydın Sav
13:30 – 14:10	LAB: Gram Positive cocci		Sesin Kocagöz
14:20 – 15:00	LAB: Gram Positive cocci		Sesin Kocagöz
15:10 – 15:50	HGP Genome Browser		Sinan Fındık
16:00 – 16:40	HGP Genome Browser		Sinan Fındık

25.10.2010 MONDAY			
08:30 – 09:10	Enteric Gram negative bacilli		Sesin Kocagöz
09:20 – 10:00	Enteric Gram negative bacilli		Sesin Kocagöz
10:10 – 10:50	Non fermenters		Görkem Yaman
11:00 – 11:40	General pathology of bacterial infections		Selçuk Bilgi
11:50 – 12:30	General pathology of viral infections		Aydın Sav
13:30 – 14:10	LAB: Environmental Pathology		Aydın Sav
14:20 – 15:00	LAB: General pathology of viral infections		Aydın Sav
15:10 – 15:50	LAB: HGP Genome Browser		Sinan Fındık
16:00 – 16:40	LAB: HGP Genome Browser		Sinan Fındık

26.10.2010 TUESDAY			
08:30 –12:30	CMPS: Research In Health-II Data collection methods/tools		Pınar Topsever Figen Demir Nadi Bakırcı
	CMPS: Research In Health-II Research ethics		Yeşim Işıl Ülman
13:30 –16:40	CMPS: Clinical And Communication Skills Physical examination V: urogenital system and breast		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner

27.10.2010 WEDNESDAY			
08:30 – 09:10	Brucella		Tanıl Kocagöz
09:20 – 10:00	Mechanisms of Neoplasia and Tumor Markers		İbrahim Ünsal
10:10 – 10:50	Mechanisms of Neoplasia and Tumor Markers		İbrahim Ünsal
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Yersinia, Francisella, Pasteurella, Vibrio, Camphylobacter		Işın Akyar
14:20 – 15:00	Yersinia, Francisella, Pasteurella, Vibrio, Camphylobacter		Işın Akyar
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

28.10.2010 THURSDAY			
08:30 – 09:10	Aminoglycosides		İsmail Hakkı Ulus
09:20 – 10:00	Protein synthesis inhibitors and miscellaneous antimicrobial agents		İsmail Hakkı Ulus
10:10 – 10:50	LAB: Enteric gram negative bacilli and non fermenters		Görkem Yaman
11:00 – 11:40	LAB: Enteric gram negative bacilli and non fermenters		Görkem Yaman
11:50 – 12:30	General pathology of parasitic infections		Aydın Sav
13:30 – 14:10	General pathology of fungal infections		Selçuk Bilgi
14:20 – 15:00	General pathology of chlamydial, mycoplasmal and ricketsial infections		Selçuk Bilgi
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

29.10.2010 FRIDAY	
	REPUBLIC DAY

01.11.2010 MONDAY			
08:30 – 09:10	Anaerobic bacteria		Sesin Kocagöz
09:20 – 10:00	Anaerobic bacteria		Sesin Kocagöz
10:10 – 10:50	Mycobacteria; Nocardia and Actinomycetes		Tanıl Kocagöz
11:00 – 11:40	Mycobacteria; Nocardia and Actinomycetes		Tanıl Kocagöz
11:50 – 12:30	Heat and temperature and heat transfer		Beki Kan
13:30 – 14:10	Chemotherapy of tuberculosis and leprosy		İsmail Hakkı Ulus
14:20 – 15:00	Antifungal agents		İsmail Hakkı Ulus
15:10 – 15:50	LAB: HGP Genome Browser		Sinan Fındık
16:00 – 16:40	LAB: HGP Genome Browser		Sinan Fındık

02.11.2010 TUESDAY			
08:30 –12:30	CMPS: Clinical And Communication Skills Physical examination V: History Taking and Systemic General Physical Examination		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner
13:30 –16:40	CMPS: Clinical And Communication Skills Communicating with colleagues and others		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner

03.11.2010 WEDNESDAY			
08:30 – 09:10	Neoplasia: Epidemiology and Etiopathogenesis		Aydın Sav
09:20 – 10:00	Cancer Epidemiology and Etiology		Nadi Bakırcı
10:10 – 10:50	Cancer Prevention (Periodical Health Examination and Screening)		Nadi Bakırcı, Pınar Topsever
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	International Classification of Functionality (ICF)		Efe Onganer
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

04.11.2010 THURSDAY			
08:30 – 09:10	Spirochetes		Görkem Yaman
09:20 – 10:00	Spirochetes		Görkem Yaman
10:10 – 10:50	Mycoplasma, Chlamydia, Rickettsiae		Işın Akyar
11:00 – 11:40	Mycoplasma, Chlamydia, Rickettsiae		Işın Akyar
11:50 – 12:30	Temperature transducers, thermography		Beki Kan
13:30 – 14:10	Neoplasia: Definition and Biology of Tumors		Aydın Sav
14:20 – 15:00	Neoplasia: Definition and Biology of Tumors		Aydın Sav
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

05.11.2010 FRIDAY			
08:30 – 09:10	Neoplasia: Molecular basis of cancer		Aydın Sav
09:20 – 10:00	Neoplasia: Molecular basis of cancer		Aydın Sav
10:10 – 10:50	Epidemiology of infectious diseases		Figen Demir
11:00 – 11:40	Epidemiology of infectious diseases		Figen Demir
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: Mycobacteria and Nocardia, Actinomycetes		Tanıl Kocagöz
14:20 – 15:00	LAB: Mycobacteria and Nocardia, Actinomycetes		Tanıl Kocagöz
15:10 – 15:50	Human Genome Project		Sinan Fındık
16:00 – 16:40	Human Genome Project		Sinan Fındık

08.11.2010 MONDAY			
08:30 – 09:10	DNA viruses		Tanıl Kocagöz
09:20 – 10:00	DNA viruses		Tanıl Kocagöz
10:10 – 10:50	DNA viruses		Tanıl Kocagöz
11:00 – 11:40	DNA viruses		Tanıl Kocagöz
11:50 – 12:30	Chemotherapy of parasitic (protozoal and helminth) infections		İsmail Hakkı Ulus
13:30 – 14:10	Neoplasia: Nomenclature		Aydın Sav
14:20 – 15:00	Neoplasia: Nomenclature		Aydın Sav
15:10 – 15:50	LAB: Human Genome Project		Sinan Fındık
16:00 – 16:40	LAB: Human Genome Project		Sinan Fındık

09.11.2010 TUESDAY			
08:30 – 09:10	Skills Related To The Subject Committee		
09:20 – 10:00	Skills Related To The Subject Committee		
10:10 – 10:50	Skills Related To The Subject Committee		
11:00 – 11:40	Skills Related To The Subject Committee		
11:50 – 12:30	Skills Related To The Subject Committee		
13:30 – 14:10	Skills Related To The Subject Committee		
14:20 – 15:00	Skills Related To The Subject Committee		
15:10 – 15:50	Skills Related To The Subject Committee		
16:00 – 16:40	Skills Related To The Subject Committee		

10.11.2010 WEDNESDAY			
08:30 – 09:10	Conmemoration of ATATÜRK		
09:20 – 10:00	Conmemoration of ATATÜRK		
10:10 – 10:50	Conmemoration of ATATÜRK		
11:00 – 11:40	LAB: Neoplasia		Aydın Sav
11:50 – 12:30	LAB: Neoplasia		Aydın Sav
13:30 – 14:10	**Mid Committee Examination**		
14:20 – 15:00	Study Time		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

11.11.2010 THURSDAY			
08:30 – 09:10	RNA viruses		Sesin Kocagöz
09:20 – 10:00	RNA viruses		Sesin Kocagöz
10:10 – 10:50	RNA viruses		Sesin Kocagöz
11:00 – 11:40	RNA viruses		Sesin Kocagöz
11:50 – 12:30	Chemotherapy of parasitic (protozoal and helminth) infections		İsmail Hakkı Ulus
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

12.11.2010 FRIDAY			
08:30 – 09:10	Oncogenic viruses		Tanıl Kocagöz
09:20 – 10:00	Slow viruses		Hülya Kuşoğlu
10:10 – 10:50	Application of heat and cold in medicine		Beki Kan
11:00 – 11:40	Neoplasia: Tumor Immunity and Clinical Features of Tumor		Aydın Sav
11:50 – 12:30	Antiviral agents		İsmail Hakkı Ulus
13:30 – 14:10	LAB: Slow viruses		Hülya Kuşoğlu
14:20 – 15:00	LAB: Slow viruses		Hülya Kuşoğlu
15:10 – 15:50	Predicting Protein Structure and Function from Sequence		Sinan Fındık
16:00 – 16:40	Predicting Protein Structure and Function from Sequence		Sinan Fındık

15.11.2010 MONDAY			
08:30 – 09:10	RELIGIOUS HOLIDAY		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

16.11.2010 TUESDAY			
08:30 – 09:10	RELIGIOUS HOLIDAY		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

17.11.2010 WEDNESDAY			
08:30 – 09:10	RELIGIOUS HOLIDAY		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

18.11.2010 THURSDAY			
08:30 – 09:10	RELIGIOUS HOLIDAY		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

19.11.2010 FRIDAY			
08:30 – 09:10	RELIGIOUS HOLIDAY		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

22.11.2010 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Cancer Chemotherapeutics		İsmail Hakkı Ulus
10:10 – 10:50	Cancer Chemotherapeutics		İsmail Hakkı Ulus
11:00 – 11:40	Cancer Chemotherapeutics		İsmail Hakkı Ulus
11:50 – 12:30	Cancer Chemotherapeutics		İsmail Hakkı Ulus
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Predicting Protein Structure and Function from Sequence		Sinan Fındık
16:00 – 16:40	LAB: Predicting Protein Structure and Function from Sequence		Sinan Fındık

23.11.2010 TUESDAY			
08:30 –12:30	CMPS: Clinical And Communication Skills Communicating with the community		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner
13:30 – 14:10	Study Time		
14:20 – 15:00	Yeast and Mould		Sesin Kocagöz
15:10 – 15:50	Yeast and Mould		Sesin Kocagöz
16:00 – 16:40	Yeast and Mould		Sesin Kocagöz

24.11.2010 WEDNESDAY			
08:30 – 09:10	Protozoa		Işın Akyar
09:20 – 10:00	Protozoa		Işın Akyar
10:10 – 10:50	Protozoa		Işın Akyar
11:00 – 11:40	LAB: Protozoa		Işın Akyar
11:50 – 12:30	LAB: Protozoa		Işın Akyar
13:30 – 14:10	LAB: Yeast and Mould		Görkem Yaman
14:20 – 15:00	LAB: Yeast and Mould		Görkem Yaman
15:10 – 15:50	LAB: Predicting Protein Structure and Function from Sequence		Sinan Fındık
16:00 – 16:40	LAB: Predicting Protein Structure and Function from Sequence		Sinan Fındık

25.11.2010 THURSDAY			
08:30 - 12:30	CMPS: Clinical And Communication Skills (field study)		
13:30 –16:40	CMPS: Clinical And Communication Skills (field study)		

26.11.2010 FRIDAY			
08:30 –12:30	CMPS: Clinical And Communication Skills (field study)		
13:30 –16:40	CMPS: Clinical And Communication Skills (field study)		

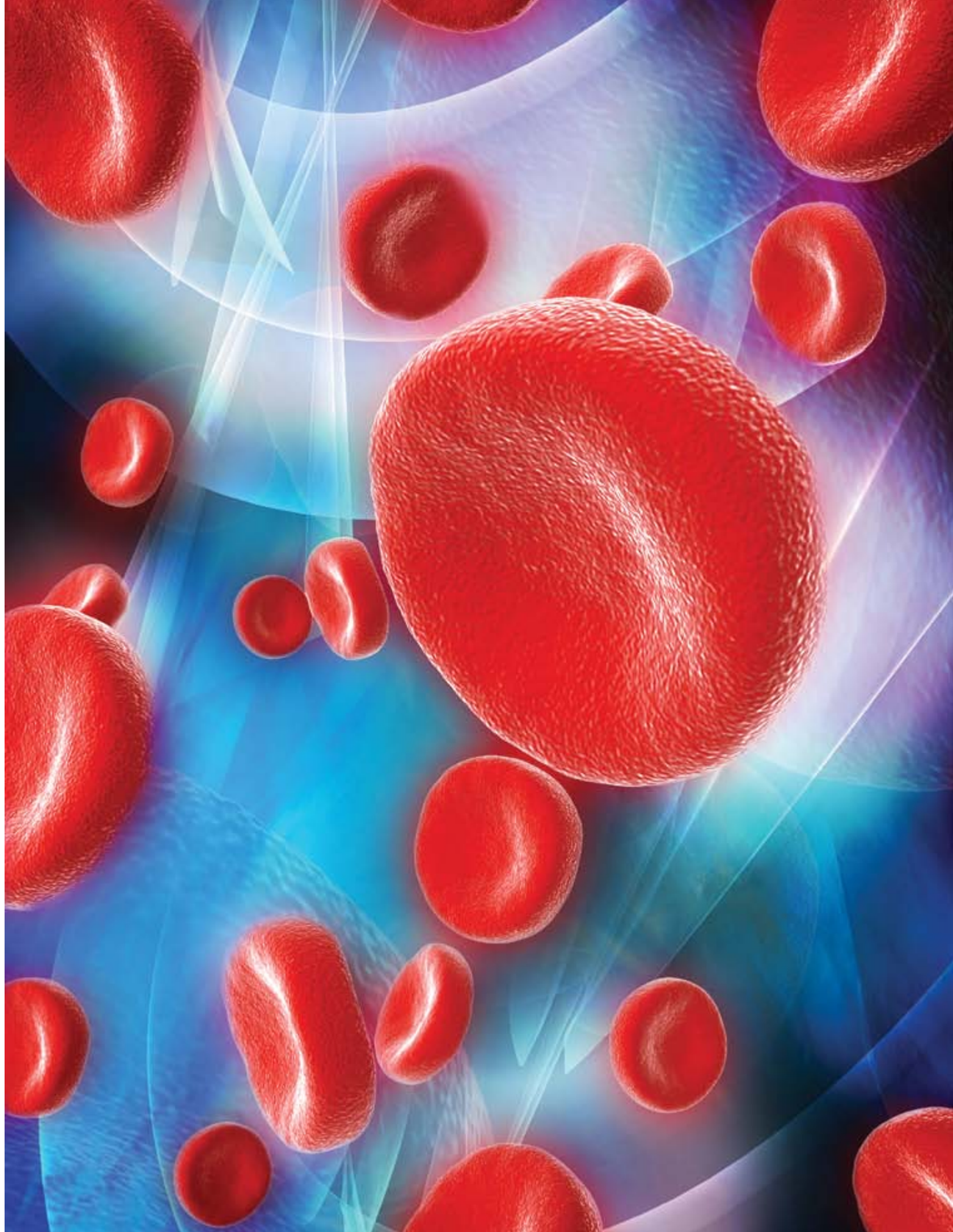
29.11.2010 MONDAY			
08:30 – 09:10	Helminths		Işın Akyar
09:20 – 10:00	Helminths		Işın Akyar
10:10 – 10:50	Helminths		Işın Akyar
11:00 – 11:40	LAB: Helminths		Işın Akyar
11:50 – 12:30	LAB: Helminths		Işın Akyar
13:30 – 14:10	Designing New Drugs: Homology Modeling		Sinan Fındık
14:20 – 15:00	Designing New Drugs: Homology Modeling		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

30.11.2010 TUESDAY			
08:30 – 09:10	Tumors and tumor like lesions		Aydın Sav
09:20 – 10:00	Tumors and tumor like lesions		Aydın Sav
10:10 – 10:50	Autopsy		Aydın Sav
11:00 – 11:40	LAB: Tumors and tumor like lesions		Aydın Sav
11:50 – 12:30	LAB: Autopsy		Aydın Sav
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

01.12.2010 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

02.12.2010 THURSDAY			
08:30 – 09:10	**Subject Committee Theoretical 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			

03.12.2010 FRIDAY			
08:30 – 09:10	**Subject Committee Practical 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			



06.12.2010 MONDAY			
08:30 – 09:10	Introduction to the Course		Siret Ratip –Cemaliye Boylu
09:20 – 10:00	Anatomy of the Lymphatic System		Aymelek Yalın
10:10 – 10:50	LAB: Lymphatic System		Aymelek Yalın
11:00 – 11:40	Histology of Lymphatic Organs		Serap Arbak
11:50 – 12:30	Histology of Lymphatic Organs		Serap Arbak
13:30 – 14:10	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
14:20 – 15:00	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
15:10 – 15:50	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
16:00 – 16:40	Study Time		

07.12.2010 TUESDAY			
08:30 – 16:40	CMPS: Health And Society-II Health Promotion and Disease Prevention		Nadi Bakırcı Figen Demir Pınar Topsever İnci User

08.12.2010 WEDNESDAY			
08:30 – 09:10	Histology of Blood Cells		Gözde Erkanlı Şentürk
09:20 – 10:00	Functions of Erythrocytes		Güldal Güleç
10:10 – 10:50	Blood: cells		Tamer İnal
11:00 – 11:40	Blood: cells		Tamer İnal
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: Lymphatic organs and Blood Cells		Serap Arbak
14:20 – 15:00	LAB: Lymphatic organs and Blood Cells		Serap Arbak
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

09.12.2010 THURSDAY			
08:30 – 09:10	Hematopoiesis and Development of Lymphatic Organs		Yasemin Ersoy Çanıllıoğlu
09:20 – 10:00	Hematopoiesis and Development of Lymphatic Organs		Yasemin Ersoy Çanıllıoğlu
10:10 – 10:50	Oxygen Transport		Tamer İnal
11:00 – 11:40	Oxygen Transport		Tamer İnal
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

10.12.2010 FRIDAY			
08:30 – 09:10	Introduction to immunology		Tanıl Kocagöz
09:20 – 10:00	Cells and Organs of the Immune System		Güldal Güleç
10:10 – 10:50	Cells and Organs of the Immune System		Güldal Güleç
11:00 – 11:40	Antigens		Tanıl Kocagöz
11:50 – 12:30			
13:30 – 14:10	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
14:20 – 15:00	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

13.12.2010 MONDAY			
08:30 – 09:10	Vertebral column, Ribs and Sternum		Jasna Gürbüz
09:20 – 10:00	Vertebral column, Ribs and Sternum		Jasna Gürbüz
10:10 – 10:50	LAB: Vertebral column, Ribs and Sternum		Jasna Gürbüz
11:00 – 11:40	Study Time		
11:50 – 12:30	Blood groups		Güldal Güleç
13:30 – 14:10	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
14:20 – 15:00	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
15:10 – 15:50	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
16:00 – 16:40	Study Time		

14.12.2010 TUESDAY			
08:30 – 16:40	CMPS: Health And Society-II Population Groups, Social Stratification and Health		İnci User Figen Demir Yeşim Yasin Nadi Bakırcı Pınar Topsever Demet Dinç Efe Onganer

15.12.2010 WEDNESDAY			
08:30 – 09:10	Mechanisms of major Anemias		Tamer İnal
09:20 – 10:00	Mechanisms of major Anemias		Tamer İnal
10:10 – 10:50	Innate Immunity		Sesin Kocagöz
11:00 – 11:40	Complement System		Tanıl Kocagöz
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

16.12.2010 THURSDAY			
08:30 – 09:10	Approach to a patient with anemia		Ertuğrul Yılmaz
09:20 – 10:00	Megaloblastic anemia		Siret Ratip
10:10 – 10:50	Adaptive Immunity		Tanıl Kocagöz
11:00 – 11:40	Adaptive Immunity		Tanıl Kocagöz
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

17.12.2010 FRIDAY			
08:30 – 09:10	Clinical Presentation of Hematopoietic System Disorders in primary care		Pınar Topsever
09:20 – 10:00	Hematopoetic drugs: Growth factors, minerals and vitamins		İsmail Hakkı Ulus
10:10 – 10:50	Hematopoetic drugs: Growth factors, minerals and vitamins		İsmail Hakkı Ulus
11:00 – 11:40	Hematopoetic drugs: Growth factors, minerals and vitamins		İsmail Hakkı Ulus
11:50 – 12:30	Iron deficiency anemia		Ertuğrul Yılmaz
13:30 – 14:10	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
14:20 – 15:00	LAB: Designing New Drugs: Homology Modeling		Sinan Fındık
15:10 – 15:50	Upper Extremity Bones		Elif Keskinöz
16:00 – 16:40	Upper Extremity Bones		Elif Keskinöz

20.12.2010 MONDAY			
08:30 – 09:10	Antibodies		Tanıl Kocagöz
09:20 – 10:00	Antibodies		Tanıl Kocagöz
10:10 – 10:50	Immunological Diagnostic Tools		Işın Akyar
11:00 – 11:40	Lower Extremity Bones		Aymelek Yalın
11:50 – 12:30	Lower Extremity Bones		Aymelek Yalın
13:30 – 14:10	Introduction to Microarrays		Sinan Fındık
14:20 – 15:00	Introduction to Microarrays		Sinan Fındık
15:10 – 15:50	LAB: Introduction to Microarrays		Sinan Fındık
16:00 – 16:40	Study Time		

21.12.2010 TUESDAY			
08:30 – 12:30	CMPS: Health And Society-II Population groups, social stratification and health		İnci User Figen Demir Yeşim Yasin Nadi Bakırcı Pınar Topsever Demet Dinç Efe Onganer
13:30 – 16:40	CMPS: Health And Society-II Site visit		

22.12.2010 WEDNESDAY			
08:30 – 09:10	Thalassemia		Siret Ratip
09:20 – 10:00	Sickle cell anemia		Siret Ratip
10:10 – 10:50	Non-Immune Hemolytic Anemia		Ebru Tuğrul Sarıbeyoğlu
11:00 – 11:40	Immune Hemolytic Anemia and Hemolytic Disease of the Newborn		Ebru Tuğrul Sarıbeyoğlu
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

23.12.2010 THURSDAY			
08:30 – 09:10	Acquired immunodeficiency syndrome, Infectious mononucleosis, Cytomegalovirus		Sesin Kocagöz
09:20 – 10:00	Brucellosis, Cat-scratch fever, Epidemic hemorrhagic fever		Sesin Kocagöz
10:10 – 10:50	LAB: Immunological tests & Blood groups		Güldal Güleç, Tanıl Kocagöz
11:00 – 11:40	LAB: Immunological tests & Blood groups		Güldal Güleç, Tanıl Kocagöz
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

24.12.2010 FRIDAY			
08:30 – 09:10	Malaria, Mumps, Plague		Sesin Kocagöz
09:20 – 10:00	Rat-bite fever, Relapsing fever, Tularemia		Sesin Kocagöz
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: Introduction to Microarrays		Sinan Fındık
14:20 – 15:00	LAB: Introduction to Microarrays		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

27.12.2010 MONDAY			
08:30 – 09:10	Hemostasis and Thrombosis		Özge Can
09:20 – 10:00	Hemostasis and Thrombosis		Özge Can
10:10 – 10:50	Blood parasite infections		Işın Akyar
11:00 – 11:40	Blood parasite infections		Işın Akyar
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: Introduction to Microarrays		Sinan Fındık
14:20 – 15:00	LAB: Introduction to Microarrays		Sinan Fındık
15:10 – 15:50	Cancer and Genomic Microarrays		Sinan Fındık
16:00 – 16:40	Study Time		

28.12.2010 TUESDAY			
08:30 –12:30	CMPS: Health and Society-II Environment, Work and Health		Nadi Bakırcı Figen Demir Yeşim Yasin Pınar Topsever İnci User
13:30 – 16:40	CMPS: Health and Society-II Site Visit: Work Place		

29.12.2010 WEDNESDAY			
08:30 – 09:10	Approach to a patient with bleeding disorder		Siret Ratip
09:20 – 10:00	Deep venous thrombosis		Siret Ratip
10:10 – 10:50	Immune disorders: hypersensitivity reactions		Görkem Yaman
11:00 – 11:40	Immune disorders: autoimmunity and immunodeficiencies		Hülya Kuşoğlu
11:50 – 12:30	Tumor Immunology		Aydın Sav
13:30 – 14:10			
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

30.12.2010 THURSDAY			
08:30 – 09:10	Anticoagulants, thrombolitics and antiplatelet drugs		İsmail Hakkı Ulus
09:20 – 10:00	Anticoagulants, thrombolitics and antiplatelet drugs		İsmail Hakkı Ulus
10:10 – 10:50	Interactive Module (IM)		
11:00 – 11:40	Interactive Module		
11:50 – 12:30	Interactive Module		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

31.12.2010 FRIDAY			
08:30 – 09:10	LAB: Upper and lower extremity bones		Elif Keskinöz
09:20 – 10:00	LAB: Upper and lower extremity bones		Aymelek Yalın
10:10 – 10:50	Thrombocytopenia		Ebru Tuğrul Sarıbeyoğlu
11:00 – 11:40	Preparation for IM		
11:50 – 12:30	Preparation for IM		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

03.01.2011 MONDAY			
08:30 – 09:10	Pathology of lymphatic nodule and spleen		Ümit İnce
09:20 – 10:00	Pathology of lymphatic nodule and spleen		Ümit İnce
10:10 – 10:50	Pathology of lymphatic nodule and spleen		Ümit İnce
11:00 – 11:40	LAB: Pathology of lymphatic nodule and spleen		Ümit İnce
11:50 – 12:30	LAB: Pathology of lymphatic nodule and spleen		Ümit İnce
13:30 – 14:10	Cancer and Genomic Microarrays		Sinan Fındık
14:20 – 15:00	LAB: Cancer and Genomic Microarrays		Sinan Fındık
15:10 – 15:50	LAB: Cancer and Genomic Microarrays		Sinan Fındık
16:00 – 16:40	Study Time		

04.01.2011 TUESDAY			
08:30 – 16:40	CMPS: Health And Society-II Site visit: PHC Facities		Nadi Bakırcı Pınar Topsever Figen Demir Demet Dinç Efe Onganer

05.01.2011 WEDNESDAY			
08:30 – 09:10	Hemophilia		Ertuğrul Yılmaz
09:20 – 10:00	Immunity to infection		Tanıl Kocagöz
10:10 – 10:50	Immunity to infection		Tanıl Kocagöz
11:00 – 11:40	Interactive Module		
11:50 – 12:30	Interactive Module		
13:30 – 14:10	Interactive Module		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

06.01.2011 THURSDAY			
08:30 – 09:10	Immunosupressants, Immunotolerogens and Immunostimulants		İsmail Hakkı Ulus
09:20 – 10:00	Immunosupressants, Immunotolerogens and Immunostimulants		İsmail Hakkı Ulus
10:10 – 10:50	Vector borne infections		Işın Akyar
11:00 – 11:40	Vector borne infections		Işın Akyar
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

07.01.2011 FRIDAY			
08:30 – 09:10	Acute leukemia		Ebru Tuğrul Sarıbeyoğlu
09:20 – 10:00	Molecular basis of hemoglobinopathies		Cengiz Yakıcıer
10:10 – 10:50	Molecular basis of hemoglobinopathies		Cengiz Yakıcıer
11:00 – 11:40	**Mid Committee Examination**		
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: Cancer and Genomic Microarrays		Sinan Fındık
14:20 – 15:00	LAB: Cancer and Genomic Microarrays		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

10.01.2011 MONDAY			
08:30 – 09:10	Cytokines		Abdurrahman Coşkun
09:20 – 10:00	Cytokines		Abdurrahman Coşkun
10:10 – 10:50	Clinical aspects of blood transfusion		Ebru Tuğrul Sarıbeyoğlu
11:00 – 11:40	Preparation for IM		
11:50 – 12:30	Preparation for IM		
13:30 – 14:10	Synthetic biology		Sinan Fındık
14:20 – 15:00	Synthetic biology		Sinan Fındık
15:10 – 15:50	LAB: Synthetic biology		Sinan Fındık
16:00 – 16:40	Study Time		

11.01.2011 TUESDAY			
08:30 – 16:40	CMPS: Health and Society-II Health Promotion and Prevention: Project Proposal		İnci User Figen Demir Yeşim Lasin Nadi Bakırcı Pınar Topsever Demet Dinç Efe Onganer

12.01.2011 WEDNESDAY			
08:30 – 09:10	Interactive Module		
09:20 – 10:00	Interactive Module		
10:10 – 10:50	Interactive Module		
11:00 – 11:40	Preparation for IM		
11:50 – 12:30	Preparation for IM		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Medical English-III		
16:00 – 16:40	Medical English-III		

13.01.2011 THURSDAY			
08:30 – 09:10	Chronic Myeloid Leukemia		Siret Ratip
09:20 – 10:00	Hodgkin Lymphoma		Ertuğrul Yılmaz
10:10 – 10:50	Hodgkin Lymphoma		Ertuğrul Yılmaz
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-III		
14:20 – 15:00	Medical English-III		
15:10 – 15:50	Elective Course-III		
16:00 – 16:40	Elective Course-III		

14.01.2011 FRIDAY			
08:30 – 09:10	Molecular basis of hematological malignancies		Cemaliye Akyerli Boylu
09:20 – 10:00	Molecular basis of hematological malignancies		Cemaliye Akyerli Boylu
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	LAB: Synthetic biology		Sinan Fındık
14:20 – 15:00	LAB: Synthetic biology		Sinan Fındık
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

17.01.2011 MONDAY			
08:30 – 09:10	Pathology of bone marrow		Ümit İnce
09:20 – 10:00	Pathology of bone marrow		Ümit İnce
10:10 – 10:50	LAB: Pathology of bone marrow		Ümit İnce
11:00 – 11:40	LAB: Pathology of bone marrow		Ümit İnce
11:50 – 12:30	Study Time		
13:30 – 14:10	Preparation for IM		
14:20 – 15:00	Preparation for IM		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

18.01.2011 TUESDAY			
08:30 – 09:10	Skills Related To The Subject Committee		
09:20 – 10:00	Skills Related To The Subject Committee		
10:10 – 10:50	Skills Related To The Subject Committee		
11:00 – 11:40	Skills Related To The Subject Committee		
11:50 – 12:30	Skills Related To The Subject Committee		
13:30 – 14:10	Skills Related To The Subject Committee		
14:20 – 15:00	Skills Related To The Subject Committee		
15:10 – 15:50	Skills Related To The Subject Committee		
16:00 – 16:40	Skills Related To The Subject Committee		

19.01.2011 WEDNESDAY			
08:30 – 09:10	Interactive Module		
09:20 – 10:00	Interactive Module		
10:10 – 10:50	Interactive Module		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

20.01.2011 THURSDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

21.01.2011 FRIDAY			
08:30 – 09:10	**Interactive Module Examination**		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

24.01.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

25.01.2011 TUESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

26.01.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

27.01.2011 THURSDAY			
08:30 – 09:10	**Subject Committee Practical 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			

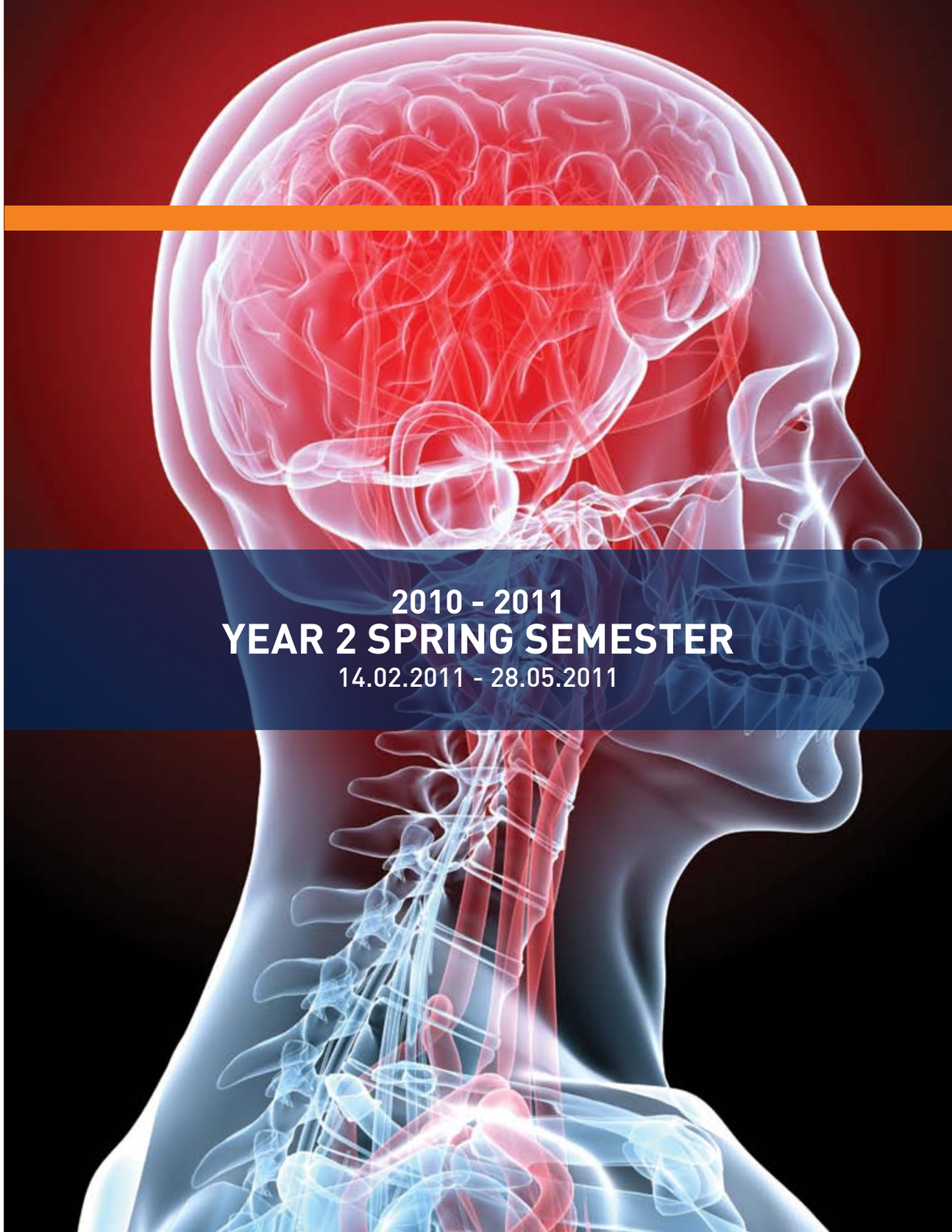
28.01.2011 FRIDAY			
08:30 – 09:10	**Subject Committee Theoretical Examination**		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

YEAR 2 HOURS and CREDITS

SPRING SEMESTER

COURSES	Theoretical Hour			Practical Hour			Study Time	Total	National credits	ECTS
	Lectures	IALS	Sub Total	Lab study	Field study	Sub Total				
Musculoskeletal System and Related Disorders	101	0	101	37	0	37	76	214	**9**	**8**
Respiratory System and Related Disorders	93	9	102	21	0	21	78	201	**7**	**7**
Clinical Medicine & Professional Skills-IV	2	31	33	18	62	80	50	163	**5**	**6**
Medical Informatics and Biomedical Technologies	18	0	18	40	0	40	15	73	**3**	**3**
Medical English-IV	20	0	20	36	0	36	15	71	**3**	**3**
Elective Course-IV	28	0	28	0	0	0	5	33	**2**	**1**
SPRING TOTAL	**262**	**40**	**302**	**152**	**62**	**214**	**239**	**755**	**30**	**28**

IALS Interactive Learning Sessions (Panels, debates, discussions, symposia, case studies, problem-based learning sessions, etc.)
Field Study Site visits, Studies in the community, Working in health facilities
Lab Study Clinical skills labs, Basic sciences labs, Computer labs, Performance sessions
Study Time Self Directed Learning, Preparation



Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	101	Credit	ECTS
			Practical (Hour)	37		
Musculoskeletal System	MED 206	Spring	Study time (Hour)	75	9	8

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Committe Chairs	:	Prof. Metin Türkmen; imturkmen@gmail.com Assoc. Prof. Abdurrahman Coşkun; abdurrahman.coskun@acibadem.edu.tr
Academic Units & Staff	:	**Anatomy:** Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., Instructor. **Biochemistry:** Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Mustafa SERTESER, M.D., Assoc. Prof. **Biophysics:** Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. **Child Health and Disease:** Ebru TUĞRUL SARIBEYOĞLU, M.D., Assist. Prof. Ertuğrul ERYILMAZ, M.D., Assist. Prof. **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. **Histology & Embryology:** Serap ARBAK, Ph.D., Prof. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Instructor **Infectious Disease:** Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. **Medical Biology:** Deniz AĞIRBAŞLI, M.D., Ph.D., Instructor **Orthopedics and Traumatology:** Nadir ŞENER, M.D., Prof. Ufuk NALBANTOĞLU, M.D., Assoc. Prof. Burak BEKSAÇ, M.D., Assoc. Prof. Barış KOCAOĞLU, M.D., Instructor Umut AKGÜN, M.D.,Instructor **Pathology:** Selçuk BİLGİ, M.D., Prof. Ümit İNCE M.D., Assoc. Prof. **Pharmacology:** İsmail Hakkı ULUS, M.D., Ph.D., Prof. **Physical Medicine and Rehabilitation:** Zeynep GÜVEN, M.D., Prof. Reyhan ÇELİKER, M.D., Prof. Ayçe ATALAY, M.D., Assoc. Prof. **Physics:** Şule ÖNCÜL , Ph.D., Assist. Prof. **Physiology:** Melike ŞAHİNER, M.D., Ph.D., Assist. Prof. **Public Health:** Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. **Radiology** Ercan KARAARSLAN, M.D., Assoc. Prof. **Rheumatology:** Mehmet KARAARSLAN, M.D., Assist. Prof. **Affiliated Faculty** **Anatomy:** Jasna GÜRBÜZ, M.D., Ph.D.

Course Duration	:	14.02.2011-06.04.2011
Educational Methods	:	Theoretical and Practical Courses, Discussions, Field Studies, Seminars
Assessment Methods	:	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	:	The purpose of this course is to provide necessary knowledge about structure and function of musculoskeletal system. This system gives humans ability to move using the muscles and skeleton. The musculoskeletal system provides form, stability, and movement to the human body. It is made up of the body's bones (the skeleton) muscle, cartilage, tendons, ligaments, joints, and other connective tissue (the tissue that supports and binds tissues and organs together). The musculoskeletal system's primary functions include supporting the body, allowing motion, and protecting vital organs. In this committee students will be informed about all these structures, their diseases and treatment methods.
Learning Outcomes	:	By the end of this course, the students will be able to: • learn the muscles and bones at the ultrastructural level • make a correlation between muscle and bone ultrastructure and their function • learn the microscopic structure of bone and muscle • understand the biophysics of muscle contraction • learn the management of symptoms of functional impairment related to musculoskeletal disorders in primary care • understand the developmental & acquired abnormalities of the musculoskeletal system • learn the diagnosis and treatment of traumatic disorders of the musculoskeletal system • learn the pathologies of the musculoskeletal system at microscopic level • know pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatments of musculoskeletal system related diseases/disorders • understand the physical rehabilitation of musculoskeletal system related disorders

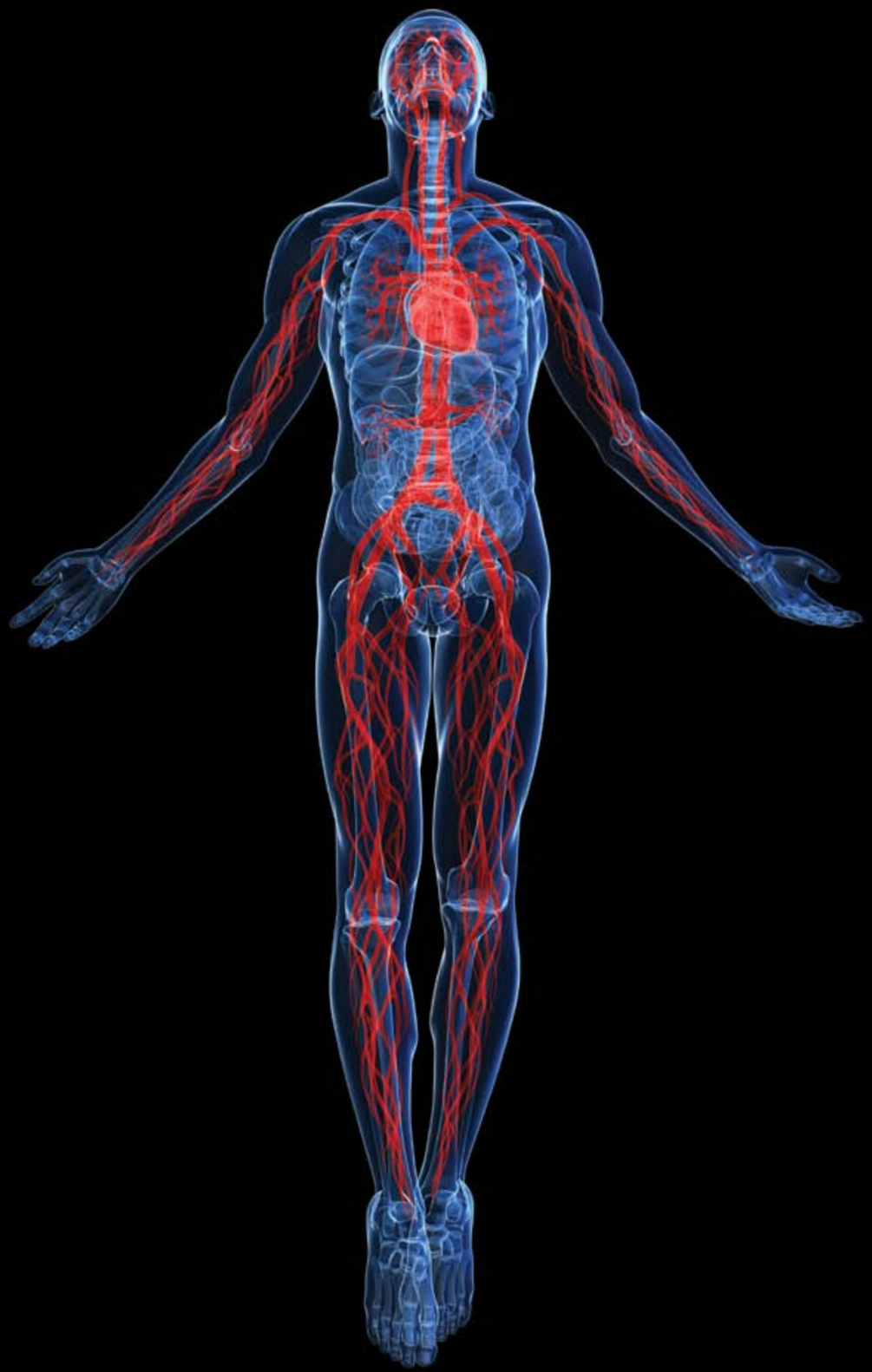
Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	102	Credit	ECTS
			Practical (Hour)	21		
Respiratory System & Related Disorders	MED 208	Spring	Study time (Hour)	78	8	7

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Committe Chairs	:	Prof. Çağlar Çuhadaroğlu; caglar.cuhadaroglu@acibadem.edu.tr Assist. Prof. Devrim Öz Arslan ; devrim.arslan@acibadem.edu.tr
Academic Units & Staff	:	**Anatomy:** Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., Instructor. **Biochemistry:** Aysel ÖZPINAR, D.V.M., Ph.D., Prof. İbrMustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Tamer İNAL, M.D., Assist.. Prof. **Biophysics:** Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof. **Child Health And Diseases:** Ertuğrul ERYILMAZ, M.D., Assist. Prof. **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. **Histology & Embryology:** Serap ARBAK, Ph.D., Prof. Yasemin ERSOY ÇANILLIOĞLU, Ph.D., Assist. Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Instructor **Infectious Diseases and Clinical Microbiology:** Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. **Medical Biology:** Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D., Ph.D., Instructor **Nuclear Medicine:** Erkan VARDARELİ, M.D., Prof. **Otolaryngology** : Hasan TANYERİ, M.D., Prof. Haluk ÖZKARAKAŞ M.D., Prof. **Pathology:** Aydın SAV, M.D., Prof. Selçuk BİLGİ, M.D., Prof. **Pharmacology:** İsmail Hakkı ULUS, M.D., Ph.D., Prof. **Physiology:** Melike ŞAHİNER, M.D., Ph.D., Assist. Prof **Public Health:** Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. **Pulmonary Medicine:** Çağlar ÇUHADAROĞLU, M.D., Prof. Ceyda EREL KİRİŞOĞLU, M.D., Assist. Prof. **Radiology:** Ümit AKSOY ÖZCAN, M.D., Assist. Prof. **Thoracic Surgery:** Semih HALEZEROĞLU, M.D., Prof Murat KARA M.D., Assoc. Prof. **Affiliated Faculty** **Anatomy:** Jasna GÜRBÜZ, M.D., Ph.D.

Course Duration	:	07.04.2011-01.06.2011
Educational Methods	:	Theoretical and Practical Courses, Discussions, Field Studies, Seminars, Interactive Module
Assessment Methods	:	Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions
Course Aims	:	This course aims to provide necessary knowledge about the upper and lower respiratory system structure, function. It also aims to teach how to recognize the respiratory diseases and their treatment.
Learning Outcomes	:	By the end of this course, the students will be able to: • identify the anatomical structures that concern with respiratory system(Nose, Nasal cavity, Larynx, Trachea, Bronchus, Diaphragm, Lungs, Pleura, thorax, Mediastinum) • define the histological features and the structural-functional relationship of the organs forming the upper and lower respiratory systems. • define the developmental stages and structural anomalies during the development process of the respiratory system • describe acute phase reactions, biochemical aspects of allergic reactions and laboratory investigation of allergic diseases, laboratory diagnosis of autoimmune diseases and paraproteins • repeat the gas laws and laplace's law and explain the structure of the air –blood barrier and gas exchange in lungs and tissue • review the respiratory system functions, lung volumes and capacities , the principles of spirometry and the regulation of respiration, • describe the factors impairing normal function of respiratory system and their pathological reactions in various pathologic conditions. • define the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatments of respiratory system related diseases/disorders • describe the agents that causes the upper and lower airway infections and their laboratory and clinical diagnosis • acquire and utilize knowledge of the diagnosis and treatment of diseases of the upper and lower respiratory system • practice the examination of respiratory system and interpret the complaints and history of the patients with the symptoms of respiratory system in clinics and primary care • acquire and utilize knowledge of the population health, epidemiologic and preventive health aspects of diseases of the respiratory system • define the environmental and occupational lung disease and prevention • define the principles, limitations and uses of imaging modalities in respiratory system. • thorough understanding of the indications and imaging algorithms in respiratory system imaging identify elementary lesions of respiratory system pathology in CXR and CT imaging modalities • define the prevention, diagnosis and treatment of tuberculosis

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	33	Credit	ECTS
			Practical (Hour)	80		
Clinical Medicine and Professional Skills (CMPS) –IV	MED 210	Spring	Study time (Hour)	50	5	6

Educational Language	:	English
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators:	:	Prof. Tanıl Kocagöz tk05-k@tr.net Assist. Prof. Melike Şahiner melike.sahiner@acibadem.edu.tr
CMPS Coordinators:	:	Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr
Academic Units & Staff	:	**Behavioral Science:** Cem İNCESU, M.D., Assoc. Prof. **Family Medicine:** Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor **Forensic Medicine:** Işıl PAKİŞ, MD, Assist. Prof. **History of Medicine and Ethics:** Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof. **Public Health:** Nadi BAKIRCI, M.D., Ph.D, Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor **Affiliated Faculty** Muhtar ÇOKAR, MD, PhD Gülsüm ÖNAL, M.D.
Course Duration	:	11.02.2011-11.05.2011
Educational Methods	:	Lectures, case studies, group presentations and discussions and self-directed learning sessions, field studies, projects, data analyze, case studies.
Assessment Methods	:	Written examination, case analyzing, standardized evaluation of projects and performances and group presentations of assignments.
Course Aims	:	This course aims to create a learning opportunity for students to **Medical Ethics and Humanities:** understand the rights of patients, responsibilities of physicians and comprehend the beginning and end of life issues **Research in Health:** gain knowledge and skills related to planning and conducting a medical research project.
Learning Outcomes	:	At the end of this course, students will; **Medical Ethics and Humanities:** • discuss and demonstrate awareness of ethical, moral and legal responsibilities of physicians involved in providing care to individual patients and communities. • demonstrate her/his acceptance for compassion, respect of privacy and dignity of others in their professional life • demonstrate her/his acceptance for non-discrimination • be aware of the necessity for physicians being a role model of integrity, honesty and probity • accept the importance of appropriate consent • describe patients rights and explain the context • explain the evolution of patients rights • list all articles of "regulation of patients rights" in Turkey. • analyze ethical and moral dilemmas and legal and psychosocial dimensions of beginning and end of life • be aware of ethical conflicts due to new medical technologies such as organ transplantation, new reproductive techniques and genetics **Research in Health:** • perform the designed study and analyze the collected data • present the result



ACIBADEM
UNIVERSITY
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YEAR II SPRING SEMESTER SCHEDULE

14.02.2011-28.05.2011

14.02.2011 MONDAY			
08:30 – 09:10	Introduction to the course		Metin Türkmen-Abdurrahman Coşkun
09:20 – 10:00	Histology of bone, sceletal muscle		Serap Arbak
10:10 – 10:50	LAB: Histology of bone, sceletal muscle, soft tissue and cartilage		Serap Arbak
11:00 – 11:40	LAB: Histology of bone, sceletal muscle, soft tissue and cartilage		Serap Arbak
11:50 – 12:30	Study Time		
13:30 – 14:10	Biomedical Technologies: Analytical techniques and instrumentation in clinical laboratories		İbrahim Ünsal
14:20 – 15:00	Biomedical Technologies: Analytical techniques and instrumentation in clinical laboratories		İbrahim Ünsal
15:10 – 15:50	Biomedical Technologies: Electrophoresis systems		Tanıl Kocagöz
16:00 – 16:40	Study Time		

15.02.2011 TUESDAY			
08:30 – 16:40	CMPS: Research in Health –II Study design-Research proposal presentations		

16.02.2011 WEDNESDAY			
08:30 – 09:10	Superficial back		Aymelek Yalın
09:20 – 10:00	Superficial back		Aymelek Yalın
10:10 – 10:50	LAB: Superficial back		Aymelek Yalın
11:00 – 11:40	Biophysics of muscle contraction		Beki Kan
11:50 – 12:30	Biophysics of muscle contraction		Beki Kan
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

17.02.2011 THURSDAY			
08:30 – 09:10	Pectoral region&breast shoulder region&shoulder joint		Jasna Gürbüz
09:20 – 10:00	Pectoral region&breast shoulder region&shoulder joint		Jasna Gürbüz
10:10 – 10:50	LAB: Pectoral region&breast shoulder region&shoulder joint		Jasna Gürbüz
11:00 – 11:40	Functions of the muscle		Güldal Güleç
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

18.02.2011 FRIDAY			
08:30 – 09:10	Axillary region		Aymelek Yalın
09:20 – 10:00	Upper arm		Aymelek Yalın
10:10 – 10:50	LAB: Axilary region		Aymelek Yalın
11:00 – 11:40	LAB: Upper arm		Aymelek Yalın
11:50 – 12:30	Development of skin adnex		Gözde Erkanlı Şentürk
13:30 – 14:10	Coding, Classification Systems		Gürdal Şahin
14:20 – 15:00	Coding, Classification Systems		Gürdal Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

21.02.2011 MONDAY			
08:30 – 09:10	Muscle energy metabolism and contraction		Mustafa Serteser
09:20 – 10:00	Regulation and control of muscle contraction		Güldal Güleç
10:10 – 10:50	Regulation and control of muscle contraction		Güldal Güleç
11:00 – 11:40	Bioenergetics of muscle contraction		Beki Kan
11:50 – 12:30	Bioenergetics of muscle contraction		Beki Kan
13:30 – 14:10	Biomedical Technologies: Electrophoresis systems		Tanıl Kocagöz
14:20 – 15:00	Biomedical Technologies: Nucleic acid amplification and detection		Cemaliye Boylu
15:10 – 15:50	Biomedical Technologies: Nucleic acid amplification and detection		Cemaliye Boylu
16:00 – 16:40	Study Time		

22.02.2011 TUESDAY			
08:30 – 16:40	CMPS: Research in Health -II DATA COLLECTION		

23.02.2011 WEDNESDAY			
08:30 – 16:40	CMPS: Research in Health -II DATA COLLECTION		

24.02.2011 THURSDAY			
08:30 – 09:10	Posterior aspect of the forearm		Elif Keskinöz
09:20 – 10:00	Anterior aspect of the forearm		Elif Keskinöz
10:10 – 10:50	Elbow joint&cubital fossa		Jasna Gürbüz
11:00 – 11:40	LAB: Posterior and anterior aspect of the forearm		Elif Keskinöz
11:50 – 12:30	LAB: Elbow joint&cubital fossa		Jasna Gürbüz
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

25.02.2011 FRIDAY			
08:30 – 09:10	Hand		Jasna Gürbüz
09:20 – 10:00	Hand		Jasna Gürbüz
10:10 – 10:50	Hand		Jasna Gürbüz
11:00 – 11:40	LAB Hand		Jasna Gürbüz
11:50 – 12:30			
13:30 – 14:10	Clinical Information Systems		Gürdal Şahin
14:20 – 15:00	Clinical Information Systems		Gürdal Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

28.02.2011 MONDAY			
08:30 – 09:10	Muscle relaxants		İsmail Hakkı Ulus
09:20 – 10:00	Development of the skeletal system		Serap Arbak
10:10 – 10:50	Development of the skeletal system		Serap Arbak
11:00 – 11:40	Radiologic anatomy of the musculoskeletal system		Ercan Karaarslan
11:50 – 12:30	Radiologic algorithm of the musculoskeletal system		Ercan Karaarslan
13:30 – 14:10	Biomedical Technologies: Fluorescence applications in Medicine		Şule Öncül
14:20 – 15:00	Biomedical Technologies: The digestive system through the fiberoptic endoscope		Murat Saruç
15:10 – 15:50	Biomedical Technologies: The digestive system through the fiberoptic endoscope		Murat Saruç
16:00 – 16:40	Study Time		

01.03.2011 TUESDAY			
08:30 – 16:40	CMPS: Research in Health –II DATA COLLECTION		

02.03.2011 WEDNESDAY			
08:30 – 09:10	Calcium and bone metabolism		Aysel Özpınar
09:20 – 10:00	Calcium and bone metabolism		Aysel Özpınar
10:10 – 10:50	Agents affecting mineral ion homeostasis and bone turnover		İsmail Hakkı Ulus
11:00 – 11:40	Agents affecting mineral ion homeostasis and bone turnover		İsmail Hakkı Ulus
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

03.03.2011 THURSDAY			
08:30 – 09:10	Brachial plexus		Aymelek Yalın
09:20 – 10:00	Brachial plexus		Aymelek Yalın
10:10 – 10:50	LAB: Brachial plexus		Aymelek Yalın
11:00 – 11:40	Development of head and neck		Serap Arbak
11:50 – 12:30	Development of head and neck		Serap Arbak
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

04.03.2011 FRIDAY			
08:30 – 09:10	The neck		Aymelek Yalın
09:20 – 10:00	LAB: The neck		Aymelek Yalın
10:10 – 10:50	Gravity, equlibrium, torque		Şule Öncül
11:00 – 11:40	Equlibrium of the body		Şule Öncül
11:50 – 12:30	Study Time		
13:30 – 14:10	Low back pain		Zeynep Güven
14:20 – 15:00	Degenerative joint disease		Zeynep Güven
15:10 – 15:50	Clinical Information Systems		Özge Sağıroğlu Yurdakul
16:00 – 16:40	Clinical Information Systems		Özge Sağıroğlu Yurdakul

07.03.2011 MONDAY			
08:30 – 09:10	Fractures, general principles (different properties of pediatric fractures)		Umut Akgün
09:20 – 10:00	Work related musculoskeletal disorders		Nadi Bakırcı
10:10 – 10:50	Muscular triangles of the neck		Aymelek Yalın
11:00 – 11:40	Superficial structures of the face		Aymelek Yalın
11:50 – 12:30	LAB: Superficial structures of the face		Aymelek Yalın
13:30 – 14:10	Neck and upper extremity pain		Ayçe Atalay
14:20 – 15:00	Osteoporosis		Reyhan Çeliker
15:10 – 15:50	Biomedical Technologies: Gynecological endoscopic systems		Mete Güngör
16:00 – 16:40	Biomedical Technologies: Bronchoscopic examination by fiberoptic systems		Çağlar Çuhadaroğlu

08.03.2011 TUESDAY			
08:30 – 09:10	Pterygopalatinal fossa		Elif Keskinöz
09:20 – 10:00	Temporal region		Jasna Gürbüz
10:10 – 10:50	LAB: Pterygopalatinal fossa		Elif Keskinöz
11:00 – 11:40	Radiologic findings of upper extremity diseases		Ercan Karaarslan
11:50 – 12:30	Radiologic findings of upper extremity diseases		Ercan Karaarslan
13:30 – 14:10	Work related musculoskeletal disorders		Nadi Bakırcı
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

09.03.2011 WEDNESDAY			
08:30 – 09:10	Skull Bones (neurocranium)		Aymelek Yalın
09:20 – 10:00	Skull Bones (neurocranium)		Aymelek Yalın
10:10 – 10:50	LAB: Skull Bones (neurocranium)		Aymelek Yalın
11:00 – 11:40	Management of symptoms of functional impairment related to musculosceletal disorders in primary care		Efe Onganer
11:50 – 12:30	Management of symptoms of functional impairment related to musculosceletal disorders in primary care		Efe Onganer
13:30 – 14:10	Traumatic dislocations and soft tissue injuries		Ufuk Nalbantoğlu
14:20 – 15:00	Osteomyelitis and septic arthritis (Clinical properties, treatment principles and complications		Nadir Şener
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

10.03.2011 THURSDAY			
08:30 – 09:10	Skull Bones (splancnocranium)		Elif Keskinöz
09:20 – 10:00	Skull Bones (splancnocranium)		Elif Keskinöz
10:10 – 10:50	LAB: Skull Bones (splancnocranium)		Elif Keskinöz
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

11.03.2011 FRIDAY			
08:30 – 09:10	Base of the skull		Aymelek Yalın
09:20 – 10:00	Base of the skull		Aymelek Yalın
10:10 – 10:50	Bacterial infections of bone and joints		Sesin Kocagöz
11:00 – 11:40	Bacterial infections of bone and joints		Sesin Kocagöz
11:50 – 12:30	Infectious disease of the bone and joint		Selçuk Bilgi
13:30 – 14:10	Spondyloarthropathies		Ayçe Atalay
14:20 – 15:00	Soft tissue rheumatism		Reyhan Çeliker
15:10 – 15:50	Electronic Patient records		Özge Sağıroğlu Yurdakul
16:00 – 16:40	Electronic Patient records		Özge Sağıroğlu Yurdakul

14.03.2011 MONDAY			
08:30 – 12:30	Physicians Day		
13:30 – 14:10	Biomedical Technologies: Endobronchial theraphy (Argon plasma , Laser)		Çağlar Çuhadaroğlu
14:20 – 15:00	Biomedical Technologies: Polysomnography		Çağlar Çuhadaroğlu
15:10 – 15:50	Biomedical Technologies: Instruments of operating rooms and reanimation units		Serpil Ustalar
16:00 – 16:40	Study Time		

15.03.2011 TUESDAY			
08:30 –12:30	CMPS: Medical Ethics And Humanities-II Patient Rights and Physician's Responsibility-1		Gülsün Önal, Yeşim Işıl Ülman, Muhtar Çokar, Nadi Bakırcı, Pınar Topsever, Işıl Pakiş
13:30 –16:40	CMPS: Research In Health-II Data Processing		

16.03.2011 WEDNESDAY			
08:30 – 09:10	Posterior Abdominal Wall&Lumbosacral Plexus		Aymelek Yalın
09:20 – 10:00	Posterior Abdominal Wall&Lumbosacral Plexus		Aymelek Yalın
10:10 – 10:50	Infections of the soft tissue		Hülya Kuşoğlu
11:00 – 11:40	Infections of the soft tissue		Hülya Kuşoğlu
11:50 – 12:30	Bone remodeling and fracture healing		Ümit İnce
13:30 – 14:10	Anatomy LAB: Posterior Abdominal Wall&Lumbosacral Plexus		Aymelek Yalın
14:20 – 15:00	Anatomy LAB: Posterior Abdominal Wall&Lumbosacral Plexus		Aymelek Yalın
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

17.03.2011 THURSDAY			
08:30 – 09:10	Gluteal region and posterior aspect of the thigh		Aymelek Yalın
09:20 – 10:00	Gluteal region and posterior aspect of the thigh		Aymelek Yalın
10:10 – 10:50	Anterior medial thigh&femoral triangle		Aymelek Yalın
11:00 – 11:40	Anterior medial thigh&femoral triangle		Aymelek Yalın
11:50 – 12:30	Biochemical aspects of muscle disease		Mustafa Serteser
13:30 – 14:10	Anatomy LAB: Gluteal region and posterior aspect of the thigh		Aymelek Yalın
14:20 – 15:00	Anatomy LAB: Anterior medial thigh&femoral triangle		Aymelek Yalın
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

18.03.2011 FRIDAY			
08:30 – 09:10	Inflammatory rheumatic diseases		Mehmet Karaaslan
09:20 – 10:00	Approach to the patient with rheumatic arthritis		Mehmet Karaaslan
10:10 – 10:50	Pathology of arthritis		Selçuk Bilgi
11:00 – 11:40	**Mid Committee Examination**		
11:50 – 12:30	Study Time		
13:30 – 14:10	Neuromuscular disorders (Cerebral palsy, Poliomyelitis, Spina Bifida…)		Burak Beksaç
14:20 – 15:00	Developmental dysplasia of the hip and club foot (Pes Equinovarus)		Barış Kocaoğlu
15:10 – 15:50	Health Informatics Standards		Özge Sağıroğlu Yurdakul
16:00 – 16:40	Health Informatics Standards		Özge Sağıroğlu Yurdakul

21.03.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Genetic basis of musculoskeletal diseases		Deniz Ağırbaşlı
10:10 – 10:50	Genetic basis of musculoskeletal diseases		Deniz Ağırbaşlı
11:00 – 11:40	Approch to arthiritis in children		Nuray Aktay Ayaz
11:50 – 12:30	Myositis and connective tissue diseases		Nuray Aktay Ayaz
13:30 – 14:10	Biomedical Technologies: Instruments of operating rooms and reanimation units		Serpil Ustalar
14:20 – 15:00	Biomedical Technologies: Electromyography (EMG)		Beki Kan
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

22.03.2011 TUESDAY			
08:30 – 12:30	CMPS: Medical Ethics And Humanities-II Patient Rights and Physician's Responsibility-2		Gülsün Önal, Yeşim Işıl Ülman, Muhtar Çokar, Nadi Bakırcı, Pınar Topsever, Işıl Pakiş, Cem İncesu
13:30 – 16:40	CMPS Research In Health-II Data processing		

23.03.2011 WEDNESDAY			
08:30 – 09:10	Joints of the lower Extremity		Jasna Gürbüz
09:20 – 10:00	Joints of the lower Extremity		Jasna Gürbüz
10:10 – 10:50	LAB: Joints of the lower Extremity		Jasna Gürbüz
11:00 – 11:40	Neoplastic disease of bones and joints		Selçuk Bilgi
11:50 – 12:30	Soft tissue tumors		Selçuk Bilgi
13:30 – 14:10	LAB: Neoplastic disease of bone and joint		Selçuk Bilgi
14:20 – 15:00	LAB: Soft tissue tumors		Selçuk Bilgi
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

24.03.2011 THURSDAY			
08:30 – 09:10	Anterior and lateral aspect of the leg		Aymelek Yalın
09:20 – 10:00	Anterior and lateral aspect of the leg		Aymelek Yalın
10:10 – 10:50	Posterior aspect of the leg & popliteal fossa		Aymelek Yalın
11:00 – 11:40	Posterior aspect of the leg & popliteal fossa		Aymelek Yalın
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

25.03.2011 FRIDAY			
08:30 – 09:10	Connective tissue disorders		Mehmet Karaaslan
09:20 – 10:00	Crystal-related arthropathies		Mehmet Karaaslan
10:10 – 10:50	Developmental & acquired abnormalities in bone cells, matrix & structure		Selçuk Bilgi
11:00 – 11:40	Disease modifing antirheumatic drugs		İsmail Hakkı Ulus
11:50 – 12:30	Study Time		
13:30 – 14:10	Anatomy LAB: Anterior and lateral aspect of the leg		Aymelek Yalın
14:20 – 15:00	Anatomy LAB: Posterior aspect of the leg & popliteal fossa		Aymelek Yalın
15:10 – 15:50	E-Health Technologies		Özge Sağıroğlu Yurdakul
16:00 – 16:40	E-Health Technologies		Özge Sağıroğlu Yurdakul

28.03.2011 MONDAY			
08:30 – 09:10	Anti-inflammatory analgesic drugs		İsmail Hakkı Ulus
09:20 – 10:00	Anti-inflammatory analgesic drugs		İsmail Hakkı Ulus
10:10 – 10:50	Anti-inflammatory analgesic drugs		İsmail Hakkı Ulus
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Biomedical Technologies: From cardiac cell to electrical vector in Electrocardiography (ECG)		Gülcan Abalı
14:20 – 15:00	Biomedical Technologies: Electroencephalography (EEG)		Devrim Öz
15:10 – 15:50	Biomedical Technologies: Physical principles of X-ray radiography		Beki Kan
16:00 – 16:40	Study Time		

29.03.2011 TUESDAY			
08:30 – 09:10	Skills Related To The Subject Committee		
09:20 – 10:00	Skills Related To The Subject Committee		
10:10 – 10:50	Skills Related To The Subject Committee		
11:00 – 11:40	Skills Related To The Subject Committee		
11:50 – 12:30	Skills Related To The Subject Committee		
13:30 – 14:10	Skills Related To The Subject Committee		
14:20 – 15:00	Skills Related To The Subject Committee		
15:10 – 15:50	Skills Related To The Subject Committee		
16:00 – 16:40	Skills Related To The Subject Committee		

30.03.2011 WEDNESDAY			
08:30 – 09:10	Foot		Jasna Gürbüz
09:20 – 10:00	Foot		Jasna Gürbüz
10:10 – 10:50	LAB: Foot		Jasna Gürbüz
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

31.03.2011 THURSDAY			
08:30 – 09:10	Abdominal Muscle		Jasna Gürbüz
09:20 – 10:00	Deepback muscles, sub-occipital region		Aymelek Yalın
10:10 – 10:50	LAB: Abdominal Muscle		Jasna Gürbüz
11:00 – 11:40	LAB: Deepback muscles, sub-occipital region		Aymelek Yalın
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

01.04.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

04.04.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

05.04.2011 TUESDAY			
08:30 – 09:10	**Subject Committee Practical 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			

06.04.2011 WEDNESDAY			
08:30 – 09:10	**Subject Committee Theoretical 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			

07.04.2011 THURSDAY			
08:30 – 09:10	Introduction to the course		Çağlar Çuhadaroğlu, Devrim Arslan
09:20 – 10:00	The ideal gas law, gas mixtures		Beki Kan
10:10 – 10:50	The ideal gas law, gas mixtures		Beki Kan
11:00 – 11:40	Histology of the upper respiratory system		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

08.04.2011 FRIDAY			
08:30 – 09:10	The root of the neck		Aymelek Yalın
09:20 – 10:00	The pharynx		Elif Keskinöz
10:10 – 10:50	LAB: The root of the neck and The pharynx		Aymelek Yalın
11:00 – 11:40	Respiratory system functions		Melike Şahiner
11:50 – 12:30	Respiratory system functions		Melike Şahiner
13:30 – 14:10	Quality Principles for Medical Systems		Gürdal Şahin
14:20 – 15:00	Quality Principles for Medical Systems		Gürdal Şahin
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

11.04.2011 MONDAY			
08:30 – 09:10	The larynx		Elif Keskinöz
09:20 – 10:00	The larynx		Elif Keskinöz
10:10 – 10:50	LAB: The larynx		Elif Keskinöz
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Biomedical Technologies: Image production and Interpretation in radiographics...		Ali Türk
14:20 – 15:00	Biomedical Technologies: Image production and Interpretation in radiographics...		Ali Türk
15:10 – 15:50	Biomedical Technologies: Physical principles of ultrasonography		Şule Öncül
16:00 – 16:40			

12.04.2011 TUESDAY			
08:30 –12:30	CMPS: Medical Ethics And Humanities-II Patient Rights and Physician's Responsibility-3		Gülsün Önal, Yeşim Işıl Ülman, Muhtar Çokar, Nadi Bakırcı, Pınar Topsever, Işıl Pakiş
13:30 –16:40	CMPS: Research In Health-II Data processing		

13.04.2011 WEDNESDAY			
08:30 – 09:10	Histology of the lower respiratory system		Serap Arbak
09:20 – 10:00	Histology of the lower respiratory system		Serap Arbak
10:10 – 10:50	LAB: Histology of the respiratory system		Yasemin Ersoy Çanıllıoğlu
11:00 – 11:40	LAB: Histology of the respiratory system		Yasemin Ersoy Çanıllıoğlu
11:50 – 12:30	Acute Phase Proteins		Özge Can
13:30 – 14:10	Laboratory diagnosis of allergic diseases		Mustafa Serteser
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

14.04.2011 THURSDAY			
08:30 – 09:10	Surface tension of alveoli		Beki Kan
09:20 – 10:00	Transfer of respiratory gases in blood		Devrim Öz Arslan
10:10 – 10:50	Alveolar and tissue respiration		Melike Şahiner
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

15.04.2011 FRIDAY			
08:30 – 09:10	The Nose, Associated structures and Paranasal Sinuses		Jasna Gürbüz
09:20 – 10:00	The Nose, Associated structures and Paranasal Sinuses		Jasna Gürbüz
10:10 – 10:50	LAB: The Nose, Associated structures and Paranasal Sinuses		Jasna Gürbüz
11:00 – 11:40	Interactive Module		
11:50 – 12:30	Interactive Module		
13:30 – 14:10	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
14:20 – 15:00	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

18.04.2011 MONDAY			
08:30 – 09:10	Development of the respiratory system		Gözde Erkanlı Şentürk
09:20 – 10:00	Regulation of respiration		Melike Şahiner
10:10 – 10:50	Regulation of respiration		Melike Şahiner
11:00 – 11:40	Regulation of Hydrogen Ion Concentration		Abdurrahman Coşkun
11:50 – 12:30	Study Time		
13:30 – 14:10	Biomedical Technologies: Image production and Interpretation in USG		Ümit Özcan
14:20 – 15:00	Biomedical Technologies: Image production and Interpretation in USG		Ümit Özcan
15:10 – 15:50	Biomedical Technologies: Understanding the basic principles of Echocardiography		Seden Ertan Çelik
16:00 – 16:40	Study Time		

19.04.2011 TUESDAY			
08:30 –12:30	CMPS: Medical Ethics And Humanities-II End of Life -1		Yeşim Işıl Ülman, Muhtar Çokar, Nadi Bakırcı, Pınar Topsever
13:30 –16:40	CMPS: Research In Health-II Data processing		Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner

20.04.2011 WEDNESDAY			
08:30 – 09:10	The Thoracic Wall		Aymelek Yalın
09:20 – 10:00	The Thoracic Wall		Aymelek Yalın
10:10 – 10:50	Anatomy LAB: The Thoracic Wall		
11:00 – 11:40	Preparation for IM		
11:50 – 12:30	Preparation for IM		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

21.04.2011 THURSDAY			
08:30 – 09:10	Oxygen and Life		Mustafa Serteser
09:20 – 10:00	Oxygen and Life		Mustafa Serteser
10:10 – 10:50	Oxygen transport, Oxygen binding proteins		Tamer İnal
11:00 – 11:40	Effects of increased and decreased lung pressure		Devrim Öz Arslan
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

22.04.2011 FRIDAY			
08:30 – 09:10	The Trachea and The Lungs		Aymelek Yalın
09:20 – 10:00	The Trachea and The Lungs		Aymelek Yalın
10:10 – 10:50	LAB: The Trachea and The Lungs		Aymelek Yalın
11:00 – 11:40	Interactive Module		
11:50 – 12:30	Interactive Module		
13:30 – 14:10	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
14:20 – 15:00	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

25.04.2011 MONDAY			
08:30 – 09:10	Mediastinum		Aymelek Yalın
09:20 – 10:00	Mediastinum		Aymelek Yalın
10:10 – 10:50	LAB: Mediastinum		Aymelek Yalın
11:00 – 11:40	Signs and patterns of lung disease		Ümit Aksoy Özcan
11:50 – 12:30	Tumors of lung, and mediastinum, pleura, chest wall, diaphragm diseases and miscellaneous chest conditions		Ümit Aksoy Özcan
13:30 – 14:10	Biomedical Technologies: Principles of Computerized Tomography (CT)		Şule Öncül
14:20 – 15:00	Biomedical Technologies: Image production and Interpretation in Computerized Tomography (CT)		Cengiz Bavbek
15:10 – 15:50	Biomedical Technologies: Image production and Interpretation in Computerized Tomography (CT)		Cengiz Bavbek
16:00 – 16:40	Study Time		

26.04.2011 TUESDAY			
08:30 – 16:40	CMPS: Medical Ethics And Humanities-II End of Life -2		Yeşim Işıl Ülman, Muhtar Çokar, Nadi Bakırcı, Pınar Topsever, Cem İncesu

27.04.2011 WEDNESDAY			
08:30 – 09:10	Common respiratory system disorders in primary care		Pınar Topsever
09:20 – 10:00	Common respiratory system disorders in primary care		Pınar Topsever
10:10 – 10:50	Diseases of upper airways		Selçuk Bilgi
11:00 – 11:40	Diseases of upper airways		Selçuk Bilgi
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

28.04.2011 THURSDAY			
08:30 – 09:10	Upper airway infections in children		Ertuğrul Eryılmaz
09:20 – 10:00	Diffuse interstitial lung diseases		Selçuk Bilgi
10:10 – 10:50	Preparation for IM		
11:00 – 11:40	Preparation for IM		
11:50 – 12:30	Study Time		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

29.04.2011 FRIDAY			
08:30 – 09:10	Management of respiratory system disorders in primary care		Pınar Topsever
09:20 – 10:00	Management of respiratory system disorders in primary care		Pınar Topsever
10:10 – 10:50	Expectorants and Antitussive agents		İsmail Hakkı Ulus
11:00 – 11:40	Effects of Exercise on Respiration and Muscles		Melike Şahiner
11:50 – 12:30	Study Time		
13:30 – 14:10	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
14:20 – 15:00	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

02.05.2011 MONDAY			
08:30 – 09:10	Upper respiratory system infections		Hülya Kuşoğlu
09:20 – 10:00	Upper respiratory system infections		Hülya Kuşoğlu
10:10 – 10:50	Bacterial pneumonias and lung abscess		Selçuk Bilgi
11:00 – 11:40	Viral and fungal diseases of the lung		Selçuk Bilgi
11:50 – 12:30	Pathology of the pulmonary circulation		Aydın Sav
13:30 – 14:10	Biomedical Technologies: Principles of Magnetic Resonance Imaging (MRI)		Şule Öncül
14:20 – 15:00	Biomedical Technologies: Image production and Interpretation in MRI		Alp Dinçer
15:10 – 15:50	Biomedical Technologies: Image production and Interpretation in MRI		Alp Dinçer
16:00 – 16:40	Study Time		

03.05.2011 TUESDAY			
08:30 – 16:40	CMPS: Medical Ethics And Humanities-II Beginning of Life		Yeşim Işıl Ülman, Muhtar Çokar, Figen Demir, Pınar Topsever

04.05.2011 WEDNESDAY			
08:30 – 09:10	Lower respiratory system infections		Sesin Kocagöz
09:20 – 10:00	Lower respiratory system infections		Sesin Kocagöz
10:10 – 10:50	Pneumonia		Çağlar Çuhadaroğlu
11:00 – 11:40	Upper airway obstructions		Haluk Özkarakaş
11:50 – 12:30	Upper airway obstructions		Haluk Özkarakaş
13:30 – 14:10	Interactive Module		
14:20 – 15:00	Interactive Module		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

05.05.2011 THURSDAY			
08:30 – 09:10	Pleural disease		Çağlar Çuhadaroğlu
09:20 – 10:00	Pulmonary embolism and pulmonary vascular disease		Ceyda Erel Kirişoğlu
10:10 – 10:50	Pulmonary embolism and pulmonary vascular disease		Ceyda Erel Kirişoğlu
11:00 – 11:40	Preparation for IM		
11:50 – 12:30	Preparation for IM		
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

06.05.2011 FRIDAY			
08:30 – 09:10	Lower airway infections in children		Ertuğrul Eryılmaz
09:20 – 10:00	Cystic fibrosis and congenital disease		Ertuğrul Eryılmaz
10:10 – 10:50	Genetic Basis of Respiratory Disease		Cemaliye Boylu
11:00 – 11:40	Genetic Basis of Respiratory Disease		Deniz Ağırbaşlı
11:50 – 12:30			
13:30 – 14:10	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
14:20 – 15:00	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

09.05.2011 MONDAY			
08:30 – 12:30	**PANEL SESSION** 1- Pulmonary Medicine — Tuberculosis (TBC) 2- Pathology — Pulmonary TBC 3- Infectious Diseases — Laboratory Diagnosis of TBC 4- Radiology: — Introduction to Chest Radiology, (CXR and CT) 5-Public Health — Epidemiology and prevention of TBC		Çağlar Çuhadaroğlu, Figen Demir , Aydın Sav, Tanıl Kocagöz, Ümit Özcan,
13:30 – 14:10	Biomedical Technologies: (PET); Nuclear medicine instruments		Erkan Vardareli
14:20 – 15:00	Biomedical Technologies: 3D imaging and post processing		Olcay Çizmeli
15:10 – 15:50	Biomedical Technologies: 3D imaging and post processing		Olcay Çizmeli
16:00 – 16:40	Study Time		

10.05.2011 TUESDAY			
08:30 –12:30	CMPS: Medical Ethics And Humanities-II Ethical Approach to New Medical Technologies		Yeşim Işıl Ülman Muhtar Çokar Pınar Topsever Demet Dinç Efe Onganer
13:30 – 14:10	CMPS: Research in Health Interim Reports		
14:20 – 15:00	CMPS: Research in Health Interim Reports		
15:10 – 15:50	CMPS: Research in Health Interim Reports		
16:00 – 16:40	CMPS: Research in Health Interim Reports		

11.05.2011 WEDNESDAY			
08:30 – 09:10	Pathology of chronic obstructive pulmonary diseases		Aydın Sav
09:20 – 10:00	Pathology of chronic obstructive pulmonary diseases		Aydın Sav
10:10 – 10:50	Cholinergics and anticholinergic drugs in respiratory system related disorders		İsmail Hakkı Ulus
11:00 – 11:40	Catecholaminergic drugs in respiratory system related disorder		İsmail Hakkı Ulus
11:50 – 12:30	Study Time		
13:30 – 14:10	Interactive Module		
14:20 – 15:00	Interactive Module		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

12.05.2011 THURSDAY			
08:30 – 09:10	Chronic Obstructive Pulmonary Disease		Çağlar Çuhadaroğlu
09:20 – 10:00	Asthma		Çağlar Çuhadaroğlu
10:10 – 10:50	Drugs for asthma		İsmail Hakkı Ulus
11:00 – 11:40	Drugs for asthma		İsmail Hakkı Ulus
11:50 – 12:30	Nuclear Medicine methods and molecular imaging for the evaluation of pulmonary disease		Erkan Vardareli
13:30 – 14:10	Medical English-IV		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Elective Course-IV		
16:00 – 16:40	Elective Course-IV		

13.05.2011 FRIDAY			
08:30 – 09:10	Bronchial asthma and bronchiolitis		Ertuğrul Eryılmaz
09:20 – 10:00	Treatment of obstructive lung disease		Çağlar Çuhadaroğlu
10:10 – 10:50	Restrictive lung disease interstitial pneumonia, and sarcoidosis		Ceyda Erel Kirişoğlu
11:00 – 11:40	Study Time		
11:50 – 12:30	**Mid Committee Examination**		
13:30 – 14:10	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
14:20 – 15:00	Acıbadem Hospital Information System (Cerebral)		Eda Demirci
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

16.05.2011 MONDAY			
08:30 – 09:10	Neoplastic diseases of the lung		Aydın Sav
09:20 – 10:00	Neoplastic diseases of the lung		Aydın Sav
10:10 – 10:50	LAB: Neoplastic diseases of the lung		Aydın Sav
11:00 – 11:40	LAB: Neoplastic diseases of the lung		Aydın Sav
11:50 – 12:30	**Interactive Module Examination**		
13:30 – 14:10	Biomedical Technologies: Stereotaxic manipulations in medicine		Koray Özduman
14:20 – 15:00	Biomedical Technologies: Laser and its applications in medicine		Şule Öncül
15:10 – 15:50	Biomedical Technologies: laser in refracftif disorders		Banu Coşar
16:00 – 16:40	Study Time		

17.05.2011 TUESDAY			
08:30 –12:30	STUDENT RESEARCH SYMPOSIUM		
13:30 –16:40	STUDENT RESEARCH SYMPOSIUM		

18.05.2011 WEDNESDAY			
08:30 – 09:10	Tumors of pleura and mediastinum		Aydın Sav
09:20 – 10:00	LAB: Tumors of pleura and mediastinum		Aydın Sav
10:10 – 10:50	LAB: Tumors of pleura and mediastinum		Aydın Sav
11:00 – 11:40	Diseases of the ear		Haluk Özkarakaş
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Medical English-IV		
15:10 – 15:50	Medical English-IV		
16:00 – 16:40	Medical English-IV		

19.05.2011 THURSDAY	
	MAY 19th YOUTH AND SPORTS DAY

20.05.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	MEDULA		Aysel Baş
14:20 – 15:00	MEDULA		Aysel Baş
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

23.05.2011 MONDAY			
08:30 –12:30	STUDENT RESEARCH SYMPOSIUM		
13:30 –16:40	STUDENT RESEARCH SYMPOSIUM		

24.05.2011 TUESDAY			
08:30 –12:30	STUDENT RESEARCH SYMPOSIUM		
13:30 –16:40	STUDENT RESEARCH SYMPOSIUM		

25.05.2011 WEDNESDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Respiratory Distress		Ceyda Erel Kirişoğlu
10:10 – 10:50	Sleep related breathing disorders		Ceyda Erel Kirişoğlu, Hasan Tanyeri
11:00 – 11:40	Lung neoplasm		Semih Halezeroğlu
11:50 – 12:30	Mediastinum		Semih Halezeroğlu
13:30 – 14:10	MEDULA		Aysel Baş
14:20 – 15:00	MEDULA		Aysel Baş
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

26.05.2011 THURSDAY			
08:30 – 09:10	Drug induced lung disease and eosinophilic lung disease		Ceyda Erel Kirişoğlu
09:20 – 10:00	Chest trauma, Hemothorax and pneumothorax		Murat Kara
10:10 – 10:50	Occupational and environmental Lung Diseases		Aydın Sav
11:00 – 11:40			Figen Demir
11:50 – 12:30			Çağlar Çuhadaroğlu
13:30 – 14:10	Biomedical Technologies: laser in vitreoretinal diseases		Abdulbaki Mudun
14:20 – 15:00	Biomedical Technologies: Radiation Oncology in Cancer Treatment		Enis Özyar
15:10 – 15:50	Biomedical Technologies: Radiation Oncology in Cancer Treatment		Enis Özyar
16:00 – 16:40	Study Time		

27.05.2011 FRIDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

30.05.2011 MONDAY			
08:30 – 09:10	Study Time		
09:20 – 10:00	Study Time		
10:10 – 10:50	Study Time		
11:00 – 11:40	Study Time		
11:50 – 12:30	Study Time		
13:30 – 14:10	Study Time		
14:20 – 15:00	Study Time		
15:10 – 15:50	Study Time		
16:00 – 16:40	Study Time		

31.05.2011 TUESDAY			
08:30 – 09:10	**Subject Committe Practical Examinaton**		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

01.06.2011 WEDNESDAY			
08:30 – 09:10	**Subject Committe Theoretical Examinaton**		
09:20 – 10:00			
10:10 – 10:50			
11:00 – 11:40			
11:50 – 12:30			
13:30 – 14:10			
14:20 – 15:00			
15:10 – 15:50			
16:00 – 16:40			

ACIBADEM UNIVERSITY

SCHOOL OF MEDICINE

YEAR II FINAL EXAMINATIONS

15-16 June 2011

ACIBADEM UNIVERSITY

SCHOOL OF MEDICINE

2010 - 2011
OTHER COURSE INFORMATION

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	56	Credit	ECTS
			Practical (Hour)			
Atatürk's principles & history of revolution	ATA 101 & ATA 102	Fall-Spring	Study time (Hour)	6	4	2

Educational Language	:	Turkish
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Course Chair	:	Özgür Mutlu ULUS KARADAĞ, Ph.D., Assist. Prof.
Course Duration	:	04.10.2010-01.06.2011
Educational Methods	:	Theoretical Courses, Discussions, Homeworks
Assessment Methods	:	Theoretical Examinations
Course Aims	:	This course is a survey of modernization process of Turkey from the 19th century onwards. It deals with topics in the economic, social and political history focusing on Turkish revolution known as "Atatürk's revolutions". The course will explore the characteristics of Turkish Revolution in comparison with revolutions of the modern age in both Western and Eastern states. The students will learn about the impact of the Age of Enlightenment and the French Revolution on both the collapse of the Ottoman Empire and the founding principles of the modern Turkish Republic.
Learning Outcomes	:	By the end of this course, the students will be able to: • Gain knowledge on social, economic and political developments in the 19th and early 20th century of Turkey • Become familiar with notions of modern political concepts such as nationalism and bourgeois revolution to understand the nature of Turkish revolution • Explore the continuities and change from the Ottoman Empire to the Republic • Get a comprehensive view on the formation and structure of the Turkish Revolution through a comparative perspective • Learn in-depth about external and internal problems in building a Republic • Get different historiographical views on Atatürk's revolutions and principles • Learn about the impact of Atatürk and Turkish Revolution in other countries • Understand the aims and goals of Atatürk learn about early Republican Era and transition to multi-parliamentary era

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

Educational Language	:	Turkish
Course Type	:	Compulsory
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Course Coordinator	:	Hülya DÜNDAR ŞAHİN, Ph.D., Instructor.
Course Duration	:	04.10.2010-01.06.2011
Educational Methods	:	Theoretical Courses, Discussions, Homeworks
Assessment Methods	:	Theoretical Examinations
Course Aims	:	This course aims to gain knowledge about the importance of Turkish language and literature. Impact of language on cultural development will be pointed out. Emphasis is placed on reading, interpreting and discussing selected prose, novels, stories and poetry. Correct use of Turkish will be discussed with examples of narration defects, punctuation, and spelling mistakes.
Learning Outcomes	:	By the end of this course, the students will be able to: • 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

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	28	Credit	ECTS
			Practical (Hour)			
Health & Drama	ELE 103	Fall-Spring	Study time (Hour)	3	2	1

Educational Language	:	Turkish
Course Type	:	Elective
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Serap Arbak; serap.ar bak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Course Coordinator	:	Şirin PARKAN, M.D.
Course Duration	:	04.10.2010-01.06.2011
Educational Methods	:	Theoretical Courses, Discussions, Homeworks
Assessment Methods	:	Theoretical Examinations
Course 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

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	28	Credit	ECTS
			Practical (Hour)			
History Of Art	ELE 101	Fall-Spring	Study time (Hour)	3	2	1

Educational Language	:	Turkish
Course Type	:	Elective
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Serap Arbak; serap.ar bak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Course Coordinator	:	Haldun HÜREL
Course Duration	:	04.10.2010-01.06.2011
Educational Methods	:	Theoretical Courses, Discussions, Homeworks
Assessment Methods	:	Theoretical Examinations
Course 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

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	28	Credit	ECTS
			Practical (Hour)			
History Of Science	ELE 105	Fall-Spring	Study time (Hour)	3	2	1

Educational Language	:	Turkish
Course Type	:	Elective
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Serap Arbak; serap.ar bak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr
Course Coordinator	:	Özgür Mutlu ULUS, Ph.D., Assist. Prof.
Course Duration	:	04.10.2010-01.06.2011
Educational Methods	:	Theoretical Courses, Discussions, Homeworks
Assessment Methods	:	Theoretical Examinations
Course 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

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	28	Credit	ECTS
			Practical (Hour)			
Culture of Classical Music	ELE	Fall-Spring	Study time (Hour)	3	2	1

Educational Language	:	Turkish
Course Type	:	Elective
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Course Coordinator	:	Feridun HÜREL
Course Duration	:	04.10.2010-01.06.2011
Educational Methods	:	Theoretical and Practical Courses, Discussions, Homeworks, Projects
Assessment Methods	:	Theoretical and Practical Examinations
Course Aims	:	This course aims to explain the positive effects of different types of music on human behaviours and intellectual life with the help of scientific proofs.
Learning Outcomes	:	By the end of this course, the students will be able to: • review musical culture • explain the important facts of music • define and discuss the development of the music from the pre-historic times to the present • classify the famous composers of the 20th century AD

Course Name	Code	Semester (Fall/Spring)	Theoretical (Hour)	28	Credit	ECTS
			Practical (Hour)			
Creative Approach	ELE	Fall-Spring	Study time (Hour)	3	2	1

Educational Language	:	Turkish
Course Type	:	Elective
Course Level	:	Undergraduate
Year Coordinators	:	Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr
Course Coordinator	:	Feridun HÜREL
Course Duration	:	13.09.2010-25.05.2011
Educational Methods	:	Theoretical and Practical Courses, Discussions, Homeworks, Projects
Assessment Methods	:	Theoretical and Practical Examinations
Course Aims	:	This course aims to explain the conception of novelty and creativity on scientific approach and also raise awareness of creative potential.
Learning Outcomes	:	By the end of this course, the students will be able to: • explain effects of personal creativity on the family and social cultural society • analyze the results of application and situation in relation with psychology and pedagogy • discuss the creative ideas in terms of psychoanalytic points of view and inventory techniques on educational system

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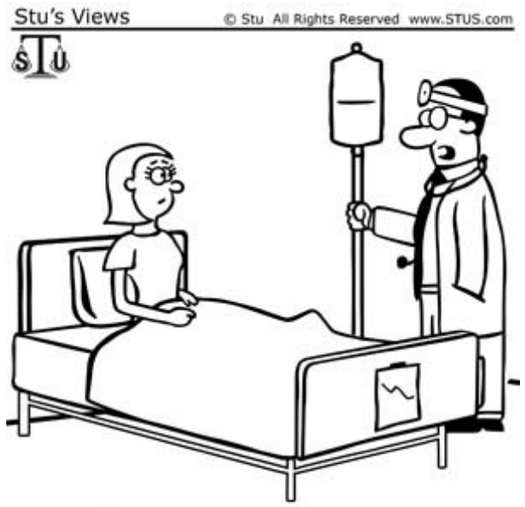
ACIBADEM


Cem Alhan

MEDICINE IS A WAY OF LIFE

DON'T WORRY I AM A GOOD DOCTOR. I WAS A POSTMORTEM EXPERT FOR TEN YEARS.



"I have some bad news... Our hospital's malpractice insurer forbids treating lawyers."

MEDICINE IS A WAY OF LIFE

"Unable to decipher the doctor's handwriting, the ER nurse had to tell the family member that the patient was either 'released' or 'deceased.'"

"Testifying against another doctor would violate my ethics, so I'll have to charge double."