



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

K. 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 Acibadem 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 Acibadem 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 Acibadem School of Medicine, under the leadership of our staff -your mentors-you will gain knowledge, develop your skills, discover the fascinating world of research and cultivate yourself not only in the field of medicine but also in other 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 Acibadem 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 Acibadem 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 Acibadem University Medical School. I feel privileged to inform you about a new, unique and exciting institution.

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

matriculated into Acibadem University and the Medical School. Currently, Acibadem 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 Acibadem 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 Acibadem Health Group Lab Med laboratories performing active research and creating a rich and productive educational environment for you. We aimed to accomplish a family environment for you. The medical faculty was trained intensively and this new team's continuing education is still under progress in an effort to give you the best medical education.

The curriculum development committee prepared you an exciting and enjoyable program after 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 2012. 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 Acibadem 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.
- Display effective oral and written communication skills with patients and colleagues in a medical context.
- Provide standard care to patients- know how to obtain an accurate medical history; perform physical examination; perform commonly used

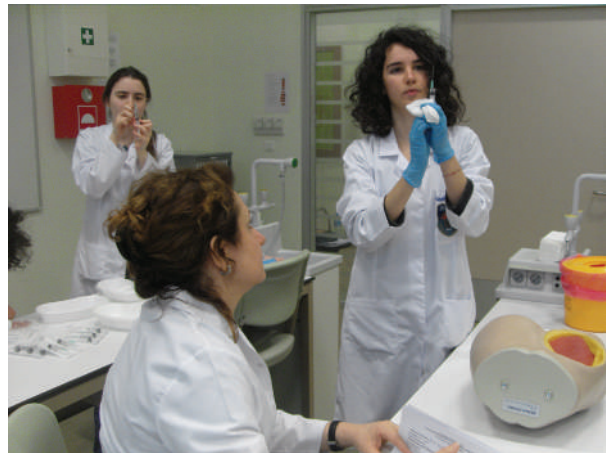
diagnostic investigations and how to apply evidence based treatment protocols.

- Provide efficient care in medical emergencies.
- Apply the universal human rights principles to medical practice.
- Respect patient rights; their dignity, autonomy, integrity and confidentiality.
- 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.
- 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 is 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”.



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Professor of Neurosurgery



VICE RECTOR

Nurdan TÖZÜN, M.D., FRCP.
Professor of Internal Medicine
and Gastroenterology



VICE RECTOR

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VICE DEAN

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Professor of Microbiology

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

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- Department of Child Psychiatry
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- Department of Family Medicine
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- Department of Internal Medicine
- Department of Medical Pharmacology

- Department of Neurology
- Department of Nuclear Medicine
- Department of Pediatrics
- Department of Physical Medicine
- Department of Psychiatry
- Department of Pulmonary Medicine
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- Department of Radiation Oncology
- Department of Radiology

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Head: Metin Türkmen, M.D., Prof.

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- Department of Chest Surgery
- Department of Emergency Medicine
- Department of General Surgery
- Department of Medical Pathology
- Department of Neurosurgery
- Department of Obstetrics and Gynecology
- Department of Ophthalmology
- Department of Orthopedics and Traumatology
- Department of Otorhinolaryngology
- Department of Pediatric Surgery
- Department of Plastic and Reconstructive Surgery
- Department of Thoracic and Cardiovascular Surgery
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Şule ÖNCÜL, Ph.D., Assist. Prof.

MED 103 Cellular Transport and Metabolism

Beki KAN, Ph.D., Prof.
Deniz AĞIRBAŞLI, M.D., Ph.D., Instructor.

MED 104 From Cell to Tissue / Tissue to Organ

Güldal GÜLEÇ, M.D., Ph.D., Prof.
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MED 106 Body Functions and Human Behavior

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Mustafa SERTESER, M.D., Assoc. Prof.

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Yeşim IŞIL ÜLMAN, Ph.D., Assoc. Prof.

MED 203 Cell and Tissue: Infection and Neoplasia

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MED 205 Hematopoietic and Immune System and Related Disorders

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Abdurrahman COŞKUN, M.D., Assoc. Prof.

MED 208 Respiratory System and Related Disorders

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

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MED 305 Nervous System and Related Disorders

Dilaver KAYA, M.D., Assist. Prof.

Koray ÖZDUMAN, M.D., Assoc. Prof.

MED 307 Growth, Development and Endocrine Disorders

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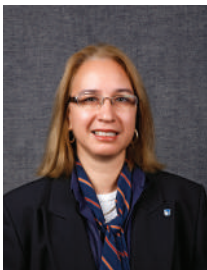


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M. Murat ŞAMLI, M.D., Assoc. Prof.
Hakan ÖZVERİ, M.D., Assist. Prof.
Bora ÖZVEREN, M.D., Assist. Prof.
Enis Rauf COŞKUNER, M.D., Assist. Prof.
Selçuk KESKİN, M.D., Assist. Prof.

AFFILIATED FACULTY**ANATOMY:**

Ayşe DERYA ERTEN, M.D., Prof.
Jasna GÜRBÜZ, M.D., Ph.D.

BIOSTATISTICS

Murat ÇİNKO, Ph.D., Assoc. Prof.

FIRST AID:

Veysel BALCI, M.D.
Tamer ORUÇ, M.D.

HEALTH AND DRAMA:

Şirin PARKAN, MD.

HISTORY OF ART,**HISTORY OF ISTANBUL:**

Haldun HÜREL

INTERNAL MEDICINE:

Adnan GÖKÇEL, M.D., Assoc. Prof.

**CULTURE OF CLASSICAL MUSIC,
CREATIVE APPROACH:**

Feridun HÜREL

HISTORY OF MEDICINE & ETHICS:

Muhtar ÇOKAR, M.D., Ph.D.
Gülsüm ÖNAL, M.D.

LAW

İbrahim KABOĞLU, Ph.D., Prof.

MEDICAL INFORMATICS

Beyza AKBAŞOĞLU
Numan BAYÜLKEN
Kağan ÖZERHAN
Bora GÖKÇE

MEDICAL PATHOLOGY

Handan ZEREN, M.D., Prof.
Hale KIRIMLIOĞLU, M.D., Assoc. Prof.
Özlem AYDIN, M.D., Assoc. Prof.

PHARMACOLOGY

Filiz ONAT, M.D. Prof.

PUBLIC HEALTH

Yeşim YASİN, MSc.

RADIOLOGY

Simay KARA, M.D.
Ersan ALTUN, M.D.

SOCIOLOGY:

İnci USER, Ph.D. Assoc. Prof.

HEALTH ECONOMICS :

Burhan Şenatalar, Ph.D., Prof

OFFICES

FACULTY SECRETARY

Semra ÖZTÜRK

SECRETARY

Saniye LİV İHTİAR



OFFICE OF STUDENT AFFAIRS

Seda TEZKAN (Chief)

Emine KARASU

Hafize GÖZLÜKLÜ





LIBRARY

Murat GÜNDOĞDU

Kezban SARIALTIN

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 15,000 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 | |
| OTHER COURSES | MEDICAL ENGLISH ATATÜRK'S PRINCIPLES AND HISTORY OF REVOLUTION TURKISH LANGUAGE AND LITERATURE ELECTIVE COURSES ENRICHMENT LECTURES | | | |

YEAR 2

THE HUMAN BODY: STRUCTURES, FUNCTIONS AND PATHOLOGIES

| | | | | | |
|---------------------------|-----------------------------------------------------------|----------------------------------------|-------------------------------------------------------|----------------------------------------------|----------------------------------------|
| SUBJECT COMMITTEES | 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-I | | | | |
| | Bioinformatics | Biomedical Technologies | Information Technologies | | |
| OTHER COURSES | MEDICAL ENGLISH | | | | |
| | ELECTIVE COURSES | | | | |
| | ENRICHMENT LECTURES | | | | |

YEAR 3

THE HUMAN BODY : STRUCTURES, FUNCTIONS AND PATHOLOGIES

| | | | | | |
|---------------------------|-------------------------------------------------------------|--------------------------------------|--------------------------------------------|-----------------------------------------------|-----------------------------------------|
| SUBJECT COMMITTEES | Cardiovascular System and Related Disorders | Nervous System and Related Disorders | Growth Development and Endocrine Disorders | Gastrointestinal System and Related Disorders | Urogenital System and Related Disorders |
| | CLINICAL MEDICINE AND PROFESSIONAL SKILLS V-VI | | | | |
| | Evidence Based Medicine | Advanced Communication Skills | Practice in Primary Healthcare | Health Economics | Comprehensive Medical Practice |
| | MEDICAL INFORMATICS AND BIOMEDICAL TECHNOLOGIES - II | | | | |
| | Bioinformatics | Biomedical Technologies | Information Technologies | | |
| OTHER COURSES | MEDICAL ENGLISH | | | | |
| | 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 Acibadem University School of Medicine. Students who are admitted to the medical school must take the English Language Proficiency Examination or present equivalent proof of exam scores (TOEFL, etc.). Students who fail the exam have to attend English preparatory class for one year.

Our medical education program features 3 phases:

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

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

- The term “Subject committee” means that topics of a given subject like “cell” or “organ systems” are described in a coordinated manner by different departments. These committees contain both, theoretical lectures, practical studies and modules.

- Integrated programs within the subject committees will provide the equal participation of

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

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

- In Phase I, within subject committees interactive modules are organized. In these modules, students work in small groups under the guidance of a 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 focuses mainly on history taking, physical examinations and follow-up of patients as well as bedside practice, lectures and seminars.

- Year 6 is termed “Family Medicine Period” which lasts twelve months. The students take the responsibility of patient care under the supervision of teaching staff. Clinical rotations are absolved in Internal Medicine, Surgery and Emergency Care, 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 clinics of the Department of Family Medicine.

EXAMINATIONS

- Each subject committee of Phase I features at least one mid-committee and a subject committee examinations. Clinical Medicine and Professional Skills courses are evaluated according to their learning outcomes which may vary based on educational methods. At the end of each year a final exam is held featuring all subjects given throughout the year.
- For Year 4 and Year 5, students must attend to theoretical and practical examinations at the end of each clerkship period.

GRADING SYSTEM

- For each year of Phase I, the passing score consist of 60% of the mean of the subject committee and 40% of final examination grades.
- For Phase II, passing grades are calculated by taking the average of clerkship examination grades.

CREDITS

- There are two types of credit systems Local Credits and European Credit Transfer System credits (ECTS). One theoretical hour or two practical hours per week account for one local credit. At each committee, every 14 theoretical hours or 28 practical hours are assigned as one credit. ECTS credits are calculated based on students’ workload (featuring theoretical, practical hours and study time).
- For further information please consult the “Students’ Education and Assessment Rules” on the official website of the School of Medicine.

CLINICAL MEDICINE & PROFESSIONAL SKILLS (CMPS) PROGRAM

Introduction and General Overview:

The CMPS program has been designed as an initial introduction to medical professionalism, providing a knowledge and skills-mix tool box for students during the first three years of medical education. It aims to facilitate basic professional skills and competencies necessary for good medical practice as well as, to enhance personal and social development, fostering intellectual skills and humanistic values. Combined with evidence based bio-medical knowledge, the CMPS program provides the students with all “sine-qua-non”^{*} universal features of a contemporary physician, who is able to blend in with- and work in the benefit of any society and any health care system. The CMPS program consists of four basic courses (*Communication and Clinical Skills, Health and Society, Medical Ethics and Humanities, Research in Health*) which will continue throughout the first three years of undergraduate medical education, with a logical follow-up of themes building competencies to complement corresponding curricular topics of the accompanying subject committees. Furthermore, the program features an officially approved certificate course of “First Aid” in year I. Facilitating effective communication along with scientific and creative thinking, paired with a humanistic approach, the CMPS program creates a solid fundament for a competent and compassionate physician who is aware of the professional responsibilities towards society (community orientation), the patient as a suffering person (communication skills and patient centeredness) and at the same time can attend effectively to the disease as a set of disordered biological processes (clinical problem solving skills paired with a holistic approach).

“Communication and Clinical Skills” Courses:

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

“Medical Ethics and Humanities” Courses:

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

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



“Health and Society” Courses:

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



“Research in Health” Courses:

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

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

Aims of the Program:

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

Training and Learning Methods:

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

Blended teaching methodology with task-based and problem-based learning, 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, Medical Biology and Microbiology subjects.

The Anatomy Laboratory features two 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.
Yiğit ERDEMGİL, Molecular Biologist.
Yusuf YILDIZ, Technician

Two Computer-Laboratories each having 30 computers have a high standard hardware and software systems (Windows 7 Operating System in addition to MS Office 2010, MS Visio 2010, MedCalc and SPSS). These laboratories serve our students for Medical Informatics, Biostatistics and Bioinformatics courses.

2011-2012 ACADEMIC CALENDAR YEAR 1

FALL SEMESTER

| | |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| MED 101 - Cellular Basis of Medicine <i>Subject Committee Examination</i> | Oct 4-Nov 25, 2011 <i>Nov 24-25, 2011</i> |
| MED 103 - Cellular Transport and Metabolism <i>Subject Committee Examination</i> | Nov 28 2011-Jan 27, 2012 <i>Jan 26-27, 2012</i> |
| MED 105 - Clinical Medicine & Professional Skills-I <i>Subject Committee Examination</i> | Oct 6, 2011 -Jan 23, 2012 <i>Jan 23, 2012</i> |
| MED 107 - Medical Informatics and Biostatistics <i>Subject Committee Examination</i> | Oct 6, 2011- June 07, 2012 <i>June 07, 2012</i> |
| ENG 101 - Medical English-I <i>Course Examination</i> | Oct 7, 2011- Jan 20, 2012 <i>Jan 20 , 2012</i> |
| ELE 101 - Elective Course- I <i>Course Examination</i> | Oct 11, 2011- Jan 17, 2012 <i>Jan 17, 2012</i> |
| TUR 101 - Turkish Language and Literature <i>Course Examination</i> | Oct 5 ,2011- Jan 11, 2012 <i>Jan 11, 2012</i> |
| ATA 101 - Atatürk Principles and History of Revolution <i>Course Examination</i> | Oct 10, 2011- Jan 16, 2012 <i>Jan 16, 2012</i> |
| Midyear Recess | Jan 30 - Feb13, 2012 |

SPRING SEMESTER

| | |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| MED 104 - From Cell to Tissue/ Tissue to Organ <i>Subject Committee Examination</i> | Feb 13- Apr 13, 2012 <i>Apr 12-13, 2012</i> |
| MED 106 - Body Functions and Human Behavior <i>Subject Committee Examination</i> | Apr 16- June 15, 2012 <i>June 14-15, 2012</i> |
| MED 108 - Clinical Medicine & Professional Skills-II <i>Subject Committee Examination</i> | Feb 16- June 08, 2012 <i>June 08, 2012</i> |
| ENG 102 - Medical English-II <i>Course Examination</i> | Feb 13-June 01, 2012 <i>June 01, 2012</i> |
| ELE 102 - Elective Course- II <i>Course Examination</i> | Feb 14 - May 22, 2012 <i>May 22, 2012</i> |
| TUR 102 - Turkish Language and Literature <i>Course Examination</i> | Feb 15 -May 30, 2012 <i>May 30, 2012</i> |
| ATA 102 - Atatürk Principles and History of Revolution <i>Course Examination</i> | Feb 13-May 28, 2012 <i>May 28, 2012</i> |

Year 1 Final Examinations

Announcement of Final Examination Scores

July 2-3, 2012

July 09, 2012



2011-2012 ACADEMIC CALENDAR YEAR 2

FALL SEMESTER

| | |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| MED 201 - Cell and Tissue Homeostasis <i>Subject Committee Examination</i> | Sep 12- Oct 21, 2011 <i>Oct 20-21, 2011</i> |
| MED 203 - Cell and Tissue: Infection and Neoplasia <i>Subject Committee Examination</i> | Oct 24- Dec 16, 2011 <i>Dec 15-16, 2011</i> |
| MED 205 - Hematopoietic and Immune System And Related Disorders <i>Subject Committee Examination</i> | Dec 19, 2011 - Jan 27, 2012 <i>Jan 26-27, 2011</i> |
| MED 207 - Clinical Medicine & Professional Skills-III <i>Subject Committee Examination</i> | Sep 14, 2011 - Jan 23, 2012 <i>Jan 23, 2012</i> |
| MED 209 - Medical Informatics and Biomedical Technologies-I <i>Course Examination</i> | Sep 13, 2011- June 01, 2012 <i>June 01, 2011</i> |
| ENG 201 - Medical English-III <i>Course Examination</i> | Sep 14, 2011- Jan 05, 2012 <i>Jan 13, 2012</i> |
| ELE 201 - Elective Course- III <i>Course Examination</i> | Sep 15, 2011- Jan 05, 2012 <i>Jan 13, 2012</i> |
| Midyear Recess | Jan 30- Feb 13, 2012 |

SPRING SEMESTER

| | |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| MED 206 - Musculoskeletal System and Related Disorders <i>Subject Committee Examination</i> | Feb 13- Apr 11, 2012 <i>Apr 10-11, 2012</i> |
| MED 208 - Respiratory System and Related Disorders <i>Subject Committee Examination</i> | Apr 12- June 08, 2012 <i>June 07-08, 2012</i> |
| MED 210 - Clinical Medicine & Professional Skills-IV <i>Subject Committee Examination</i> | Feb 20- June 04, 2012 <i>June 04, 2012</i> |
| ENG 202 - Medical English-IV <i>Course Examination</i> | Feb 15- May 24, 2012 <i>May 30, 2012</i> |
| ELE 202 - Elective Course- IV <i>Course Examination</i> | Feb 16- May 24, 2012 <i>May 30, 2012</i> |
| | |
| Year 2 Final Examinations | June 25-26, 2012 |
| Announcement of Final Examinations Scores | July 02, 2012 |



2011-2012 ACADEMIC CALENDAR YEAR 3

FALL SEMESTER

| | |
|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| MED 303 - Cardiovascular System and Related Disorders <i>Subject Committee Examination</i> | Sep 12- Oct 21, 2011 <i>Oct 20-21, 2011</i> |
| MED 305 - Nervous System and Related Disorders <i>Subject Committee Examination</i> | Oct 24-Dec 16, 2011 <i>Dec 15-16, 2011</i> |
| MED 307 - Growth, Development and Endocrine Disorders <i>Subject Committee Examination</i> | Dec 19, 2011-Jan 27, 2012 <i>Jan 26-27, 2012</i> |
| MED 309 - Clinical Medicine & Professional Skills-V <i>Subject Committee Examination</i> | Sep 14, 2011- Jan 13, 2012 <i>Jan 13, 2012</i> |
| MED 311- Medical Informatics and Biomedical Technologies-II <i>Course Examination</i> | Sep 16, 2011-May 25, 2012 <i>May 25, 2011</i> |
| ENG 301 - Medical English-V <i>Course Examination</i> | Sep 13, 2011- Jan 17, 2012 <i>Jan 17, 2012</i> |
| Midyear Recess | Jan 30-Feb13, 2012 |

SPRING SEMESTER

| | |
|---------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| MED 304 - Gastrointestinal System and Related Disorders <i>Subject Committee Examination</i> | Feb 13- Apr 06, 2012 <i>Apr 05-06, 2012</i> |
| MED 306 - Urogenital System and Related Disorders <i>Subject Committee Examination</i> | Apr 09, June 08, 2012 <i>June 07-08, 2012</i> |
| MED 308 - Clinical Medicine & Professional Skills-VI <i>Subject Committee Examination</i> | Feb 13- May 30, 2012 <i>May 30, 2012</i> |
| ENG 302 - Medical English-VI <i>Course Examination</i> | Feb 14- May 22, 2012 <i>May 22, 2012</i> |
| Year 3 Final Examinations | June 21-22, 2012 |
| Announcement of Final Examinations Scores | June 29, 2012 |

Holidays

October 29, 2011 (Republic Day)

November 06-09, 2011 (Religious Holiday)

January 1, 2012 (New Year's Day)

April 23, 2012 (National Sovereignty and Childrens Day)

May 1, 2012 (Labour and Solidarity Day)

May 19, 2012 (Commemoration Atatürk, Youth and Sports Day)





ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

2011 - 2012
YEAR 1
FALL SEMESTER

YEAR 1 FALL SEMESTER HOURS and CREDITS

| COURSES | Theoretical Hours | | | Practical Hours | | | Study Time | Total | National credits | ECTS |
|----------------------------------------------|-------------------|-----------|------------|-----------------|-------------|------------|------------|------------|------------------|-----------|
| | Lectures | IALS | Sub Total | Lab study | Field study | Sub Total | | | | |
| Cellular Basis of Medicine | 72 | 0 | 72 | 11 | 0 | 11 | 96 | 179 | 6 | 7 |
| Cellular Transport and Metabolism | 74 | 4 | 78 | 11 | 5 | 14 | 92 | 180 | 6 | 7 |
| Clinical Medicine & Professional Skills-I | 17 | 41 | 58 | 20 | 20 | 40 | 90 | 188 | 6 | 7 |
| 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 | 273 | 45 | 318 | 151 | 25 | 174 | 318 | 806 | 30 | 30 |

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) | 72 | 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 Yakicier; mcengiz.yakicier@asg.com.tr Assist. Prof. Şule Öncül; sule.oncul@acibadem.edu.tr |
| Academic Units & Staff | <p>Behavioral Sciences: Defne ERASLAN, M.D., Assist. Prof.</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Chemistry: Mert ÜLGEN., Ph.D., Prof.</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M. Ph.D., Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Yavuz OKTAY, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D. Ph.D., Instructor</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof.</p> <p>Physics: Şule ÖNCÜL, Ph.D., Assist. Prof.</p> |
| Course Duration | 04.10.2011-25.11.2011 |
| Educational Methods | Theoretical Lectures and Lab Study |
| Assessment Methods | Theoretical and Practical Examinations, Homeworks |
| 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 |

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

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 74 | Credit | ECTS |
|---------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 11 | | |
| Cellular Transport & Metabolism | MED 103 | Fall | Study time (Hour) | 92 | 6 | 7 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr |
| Committe Chairs | Prof. Beki Kan; beki.kan@acibadem.edu.tr Dr. Deniz Ağırbaşlı; deniz.agirbasli@acibadem.edu.tr |
| Academic Units & Staff | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc, Instructor</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Chemistry: Mert ÜLGEN., Ph.D., Prof.</p> <p>Medical Biochemistry: İbrahim ÜNSAL, M.D., PhD., Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Özge CAN, Ph.D., Assist. Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Yavuz OKTAY, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D, Ph.D., Instructor</p> <p>Physics: Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Physiology: Mehmet Ergen, D.V.M., Ph.D., Assist. Prof.</p> <p>Radiology: Canan ERZEN, M.D, Prof. Olca ÇİZMELİ, M.D., Assoc. Prof.</p> |
| Course Duration | 28.11.2011-27.01.2012 |
| Educational Methods | Theoretical Lectures, Interactive Learning Sessions, Lab and Field Study, Discussions. |
| Assessment Methods | Theoretical and Practical Examinations, Homeworks |

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| <p>Course Aims</p> | <p>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.</p> |
| <p>Learning Outcomes</p> | <p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> • 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 basics of recombinant DNA technology and its diagnostic and therapeutics implications • discuss the aims and outcomes of the human genome project and its implications in medicine • describe the structure and nomenclature of carbohydrates, proteins and lipids and their physiologic significance • explain the 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 • define in general the functions and locations of the human organs |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 58 | Credit | ECTS |
|--------------------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 40 | | |
| Clinical Medicine & Professional Skills -I | MED 105 | Fall | Study time (Hour) | 80 | 6 | 7 |

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|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators: | Prof. Serap ARBAK; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@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 | <p>Behavioral Science Kültegin ÖGEL, M.D., Assoc. Prof. Cem İNCESU, M.D., Assoc. Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>History of Medicine and Ethics Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor</p> <p>Affiliated Faculty İbrahim KABOĞLU, PhD, Prof. Muhtar ÇOKAR, MD, PhD Yeşim YASİN, MSc. Şirin PARKAN M.D. Veysel BALCI, M.D. Tamer ORUÇ, M.D.</p> |
| Course Duration | 6.10.2011-19.1.2012 |
| 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. |

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| <p>Course Aims</p> | <p>This course aims to;</p> <p>Communication Skills: provide necessary knowledge and skills about;</p> <ul style="list-style-type: none"> • concept of communication • effective communication and its clinical competence • developing a sense of self awareness and respect for other individuals by empathy • the necessity for a patient centred approach <p>Medical Ethics and Humanities: create a learning opportunity for students</p> <ul style="list-style-type: none"> • understand the historical process of the evolution of contemporary medicine and to get acquainted with main principles of bioethics and medical ethics • develop an awareness about her/his role as a physician • comprehend the universal principles of human rights and the right to health <p>First Aid</p> <ul style="list-style-type: none"> • administer first aid procedures in case of emergencies |
| <p>Learning Outcomes</p> | <p>By the end of this course, the students will;</p> <p>Communication Skills:</p> <ul style="list-style-type: none"> • be aware that effective communication is a clinical competence and can be learned • explain the concept of communication • name the steps of communication process during medical interview, • be aware of the importance of communication skills for “good clinical practice” • distinguish different levels of active listening, • link communication steps to a structured and effective physician-patient interview • be self-aware of his/her communication skills • value respect for other individuals by empathy • be aware of the necessity to display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment <p>Medical Ethics and Humanities:</p> <ul style="list-style-type: none"> • aware of the evolution of medical practice by reviewing concepts and principles of philosophy of medicine • familiar with the concept of bioethics and medical ethics • to apply ethical discourse and methodology to a medical context <p>History of Medicine:</p> <ul style="list-style-type: none"> • identify the role and functions of physician and health care throughout the ages • explain the historical milestones of the evolution of medicine such as: <ul style="list-style-type: none"> - Hippocratic secular approach, - establishment of first medical schools, - progress of physical diagnosis, - the emergence of public health, - development of the scientific method and its impact on modern medicine <p><i>Physician’s role in community:</i></p> <ul style="list-style-type: none"> • analyze the relationship between perception about physicians and the role of physicians in the community • identify the characteristics of the doctor patient relationship concerning its ambivalent and asymmetric features <p><i>Human rights and right to health:</i></p> <ul style="list-style-type: none"> • explain and analyze human rights and right to health <ul style="list-style-type: none"> - explain the evolution of human rights - summarize the content and formation of third generation of human rights - list the basic documents produced concerning human rights and interpret their contents - define the main components of the right to health - be aware of the position of the right to health within human rights - correlate the right to health to the healthcare service - identify the violation of right to health - correlate human rights to bioethics namely human dignity, respect to individual, self-determination, informed consent, bodily integrity, non-discrimination, privacy, confidentiality and equity <p>First Aid</p> <ul style="list-style-type: none"> - name and justify the different steps of the first aid procedure; - administer first aid procedures in case of emergencies |

| 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 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr |
| Course Coordinators | Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Murat ÇİNKO, Ph.D., Assoc. Prof. Hülya KARAYAZI |
| Academic Units & Staff | Bioinformatics: Sinan FINDIK, MSc. Affiliated Faculty Biostatistics: Murat ÇİNKO, Ph.D., Assoc. Prof. Information Technologies: Beyza AKBAŞOĞLU Numan BAYÜLKEN Kağan ÖZERHAN Bora GÖKÇE |
| Course Duration | 06.10.2011-31.05.2012 |
| Educational Methods | Theoretical and Practical Courses |
| Assessment Methods | Theoretical and Practical Examinations, Homeworks, Presentations |
| Course Aims | <p>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).</p> <p>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.</p> |

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| | <p>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.</p> <p>The fourth part of this course is to explain the basic concepts in bioinformatics and to use important data bases such as BLAST, NCBI. Differential Gene Expression and clustering, phylogenetic analysis, sequencing and alignment will be described.</p> |
| <p>Learning Outcomes</p> | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • gain knowledge 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 alignment • describe and use differential gene expression and clustering • summarize functional pathway analysis • define phylogenetic 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**

03.10.2011 MONDAY

| | | |
|---------------|-------------|--|
| 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 | |

04.10.2011 TUESDAY

| | | |
|---------------|-------------------------------------------|--------------------------------|
| 08:30 – 09:10 | Introduction to MED 101 Subject Committee | M. Cengiz Yakıcıer, Şule Öncül |
| 09:20 – 10:00 | Origin of Life | Cemaliye Akyerli Boylu |
| 10:10 – 10:50 | Evolution and Genetics | Yavuz Oktay |
| 11:00 – 11:40 | Introduction to Biophysics | Beki Kan |
| 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 | |

05.10.2011 WEDNESDAY

| | | |
|---------------|------------------------------------------------------------------------|------------------------|
| 08:30 – 09:10 | Nucleic Acids (DNA and RNA) | Yavuz Oktay |
| 09:20 – 10:00 | Genes and Heredity | Cemaliye Akyerli Boylu |
| 10:10 – 10:50 | Cell Organelles and Inclusions at Light and Electron Microscopic Level | Serap Arbak |
| 11:00 – 11:40 | Cell Organelles and Inclusions at Light and Electron Microscopic Level | Serap Arbak |
| 11:50 – 12:30 | Cell Organelles and Inclusions at Light and Electron Microscopic Level | Serap Arbak |
| | | |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

06.10.2011 THURSDAY

| | | |
|---------------|---------------------------------------------------------------|-------------------------------------------------------------|
| 08:30 – 09:10 | Introduction to CMPS | Nadi Bakırcı, Pınar Topsever |
| 09:20 – 10:00 | Introduction 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 Şirin Parkan |
| | | |
| 13:30 – 14:10 | Basic Computer Hardware Informations Section I | Numan Bayülken |
| 14:20 – 15:00 | Basic Computer Hardware Informations Section I | Numan Bayülken |
| 15:10 – 15:50 | Basic Computer Hardware Informations Section II | Numan Bayülken |
| 16:00 – 16:40 | Basic Computer Hardware Informations Section II | Numan Bayülken |

07.10.2011 FRIDAY

| | | |
|---------------|---------------------|------------------------------|
| 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 | White Coat Ceremony | |
| 14:20 – 15:00 | White Coat Ceremony | |
| 15:10 – 15:50 | White Coat Ceremony | |
| 16:00 – 16:40 | White Coat Ceremony | |

| 10.10.2011 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 Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

| 11.10.2011 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 | Data & Communication Technology:Using & Managing Computers Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Data & Communication Technology:Using & Managing Computers Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Data & Communication Technology:Using & Managing Computers Section I | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Elective Course I | |

| 12.10.2011 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 | Yavuz Oktay |
| 11:00 – 11:40 | Nucleus | Deniz Yücel |
| 11:50 – 12:30 | Cell Division | Gözde Erkanlı Şentürk |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Data&Communication Technology:Using & Managing Computers Section II | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Data&Communication Technology:Using & Managing Computers Section II | Beyza Akbaşoğlu |

| 13.10.2011 THURSDAY | | |
|---------------------|------------------------------------------------------------|-------------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS Basic Communication Skills Verbal Communication | Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner Şirin Parkan |
| 13:30 – 14:10 | Office: Word Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Office: Word Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Office: Word Section II | Beyza Akbaşoğlu |
| 16:00 – 16:40 | Office: Word Section II | Beyza Akbaşoğlu |

| 14.10.2011 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 | |

17.10.2011 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 Ağırbaşı |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

18.10.2011 TUESDAY

| | | |
|---------------|--------------------------------|----------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Atoms, Molecules and Matter | Beki Kan |
| 10:10 – 10:50 | Patterns of Inheritance | Deniz Ağırbaşı |
| 11:00 – 11:40 | Patterns of Inheritance | Deniz Ağırbaşı |
| 11:50 – 12:30 | LAB: Nucleus and Cell Division | Gözde E. Şentürk and Deniz Yücel |
| 13:30 – 14:10 | Office: Excel Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Office: Excel Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Office: Excel Section I | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Elective Course I | |

19.10.2011 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 Akbaşoğlu |
| 16:00 – 17:30 | Office: Excel Section II | Beyza Akbaşoğlu |

20.10.2011 THURSDAY

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

21.10.2011 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 Ağırbaşı |
| 11:00 – 11:40 | Flow of genetic information-Transcription | Yavuz Oktay |
| 11:50 – 12:30 | Flow of genetic information-Translation | Yavuz Oktay |
| 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 | |

| 24.10.2011 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 Expression | Yavuz Oktay |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

| 25.10.2011 TUESDAY | | |
|--------------------|------------------------------------------|-----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | MED 101 MID-COMMITTEE EXAMINATION | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Office: Access Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Office: Access Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Office: Access Section I | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Elective Course I | |

| 26.10.2011 WEDNESDAY | | |
|----------------------|-------------------------------------------------|------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Mutations and Polymorphisms | Cemaliye Akyerli Boylu |
| 10:10 – 10:50 | Mutations and Polymorphisms | Cemaliye Akyerli Boylu |
| 11:00 – 11:40 | Radioactivity, Atomic Structure, Atomic Number. | Mert Ülgen |
| 11:50 – 12:30 | Radioactivity, Atomic Structure, Atomic Number. | 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 Akbaşoğlu |
| 16:00 – 17:30 | Office: Access Section II | Beyza Akbaşoğlu |

| 27.10.2011 THURSDAY | | |
|---------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS -I Basic Communication Skills Empathy | Kültegin Ögel Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner Şirin Parkan |
| 13:30 – 14:10 | Office: Access Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Office: Access Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Office: Access Section II | Beyza Akbaşoğlu |
| 16:00 – 16:40 | Office: Access Section II | Beyza Akbaşoğlu |

| 28.10.2011 FRIDAY | | |
|-------------------|-----------------------------------------------------------------------|---------------|
| 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 | Introduction to Organic Chemistry | Mert Ülgen |
| 11:50 – 12:30 | Classification, General Terms, Bonds, Properties of Organic Compounds | Mert Ülgen |

REPUBLIC DAY

31.10.2011 MONDAY

| | | |
|---------------|------------------------------------------------|--------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Tools of Molecular Biology&Genetics | Cemaliye Akyerli Boylu |
| 10:10 – 10:50 | Tools of Molecular Biology&Genetics | Cemaliye Akyerli Boylu |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

01.11.2011 TUESDAY

| | | |
|---------------|------------------------------------|------------------------|
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Usage of Hydrocarbones in Medicine | Mert Ülgen |
| 11:00 – 11:40 | Usage of Hydrocarbones in Medicine | Mert Ülgen |
| 11:50 – 12:30 | LAB: Basic LAB Skills | Cemaliye Akyerli Boylu |
| 13:30 – 14:10 | Office: Powerpoint Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Office: Powerpoint Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Office: Powerpoint Section I | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Elective Course I | |

02.11.2011 WEDNESDAY

| | | |
|---------------|---------------------------------------------------------|------------------------|
| 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 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Office: Powerpoint Section II | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Office: Powerpoint Section II | Beyza Akbaşoğlu |

03.11.2011 THURSDAY

| | | |
|---------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS -I Basic Communication Skills: Effective physician-patient communication I | Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner Şirin Parkan |
| 13:30 – 14:10 | Office: Web Browsing and Communication Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Office: Web Browsing and Communication Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Office: Web Browsing and Communication Section I I | Beyza Akbaşoğlu |
| 16:00 – 16:40 | Office: Web Browsing and Communication Section I I | Beyza Akbaşoğlu |

04.11.2011 FRIDAY

| | | |
|---------------|-----------------------------------------------------------|-------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Role of Nitrogen Containing Functional Groups in Medicine | Mert Ülgen |
| 11:00 – 11:40 | Role of Nitrogen Containing Functional Groups in Medicine | Mert Ülgen |
| 11:50 – 12:30 | Population Genetics | Yavuz Oktay |
| 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 | |

| 07.11.2011 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 | |

| 08.11.2011 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 | |

| 09.11.2011 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 – 17:30 | |

| 10.11.2011 THURSDAY | | |
|---------------------|-----------------------------|-----------------|
| 08:30 – 12:30 | Commemoration of ATATÜRK | |
| 13:30 – 14:10 | Project Planning Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Project Planning Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Project Planning Section II | Beyza Akbaşoğlu |
| 16:00 – 16:40 | Project Planning Section II | Beyza Akbaşoğlu |

| 11.11.2011 FRIDAY | | |
|-------------------|----------------------------------|------------------------|
| 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 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

14.11.2011 MONDAY

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

15.11.2011 TUESDAY

| | | |
|---------------|---------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Molecular Basis of Genetic Diseases | Cengiz Yakıcıer |
| 10:10 – 10:50 | Molecular Basis of Genetic Diseases | Cengiz Yakıcıer |
| 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 | Term Project Presentations Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Term Project Presentations Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Term Project Presentations Section I | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Elective Course I | |

16.11.2011 WEDNESDAY

| | | |
|---------------|-----------------------------------------------------|------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Pharmacogenetics | Cemaliye Akyerli Boylu |
| 10:10 – 10:50 | Gene Therapy | Yavuz Oktay |
| 11:00 – 11:40 | Introduction to the Metabolism of Organic Compounds | Mert Ülgen |
| 11:50 – 12:30 | Introduction to the Metabolism of Organic Compounds | Mert Ülgen |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Term Project Presentations Section II | Beyza Akbaşoğlu |
| 16:00 – 17:30 | Term Project Presentations Section II | Beyza Akbaşoğlu |

17.11.2011 THURSDAY

| | | |
|---------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS - I Basic Communication Skills: Effective physician-patient communication II | Pınar Topsever Efe Onganer Demet Dinç Melike Şahiner Şirin Parkan |
| 13:30 – 14:10 | Term Project Presentations Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Term Project Presentations Section I | Beyza Akbaşoğlu |
| 15:10 – 15:50 | Term Project Presentations Section II | Beyza Akbaşoğlu |
| 16:00 – 16:40 | Term Project Presentations Section II | Beyza Akbaşoğlu |

18.11.2011 FRIDAY

| | | |
|---------------|-----------------------------------------------------|-----------------|
| 08:30 – 09:10 | Cancer Genetics | Cengiz Yakıcıer |
| 09:20 – 10:00 | Cancer Genetics | Cengiz Yakıcıer |
| 10:10 – 10:50 | Water as a living environment | Beki Kan |
| 11:00 – 11:40 | Effects of Organic Molecules in the Living Organism | Mert Ülgen |
| 11:50 – 12:30 | Effects of Organic Molecules in the Living Organism | Mert Ülgen |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 21.11.2011 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 | | |

| 22.11.2011 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 – 17:30 | | |

| 23.11.2011 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 – 17:30 | | |

| 24.11.2011 THURSDAY | | |
|---------------------|-------------------------------------------------|--|
| 08:30 – 09:10 | MED 101 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 | | |

| 25.11.2011 FRIDAY | | |
|-------------------|---------------------------------------------------|--|
| 08:30 – 09:10 | MED 101 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 | | |

28.11.2011 MONDAY

| | | |
|---------------|------------------------------------------------|--------------------------|
| 08:30 – 09:10 | Introduction to MED 103 Subject Committee | Beki Kan, Deniz Ağırbaşı |
| 09:20 – 10:00 | Homeostasis | Mehmet Ergen |
| 10:10 – 10:50 | Homeostasis | Mehmet Ergen |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

29.11.2011 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 | Software Technologies Section I | Beyza Akbaşoğlu |
| 14:20 – 15:00 | Network Technologies Section I | Kağan Özerhan |
| 15:10 – 15:50 | Network Technologies Section I | Kağan Özerhan |
| 16:00 – 17:30 | Elective Course I | |

30.11.2011 WEDNESDAY

| | | |
|---------------|-------------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Physical Characteristics of Membrane Structure and Function | Devrim Öz Arslan |
| 09:20 – 10:00 | Membrane Proteins | Devrim Öz Arslan |
| 10:10 – 10:50 | | Nadi Bakırcı |
| 11:00 – 11:40 | CMPS-I: Medical Ethics and Humanities | Pınar Topsever |
| 11:50 – 12:30 | Physician's role in community | Yeşim Işıl Ülman |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Software Technologies Section II | Beyza Akbaşoğlu |
| 16:00 – 16:40 | Network Technologies Section I | Kağan Özerhan |

01.12.2011 THURSDAY

| | | |
|---------------|--------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | CMPS-I: Medical Ethics and Humanities | |
| 09:20 – 10:00 | Role and Function of physician and health care throughout the ages | Yeşim Işıl Ülman |
| 10:10 – 10:50 | Laboratory Techniques in Organic Chemistry : Qualitative methods | Mert Ülgen |
| 11:00 – 11:40 | Laboratory Techniques in Organic Chemistry : Qualitative methods | Mert Ülgen |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Internet Section I | Kağan Özerhan |
| 14:20 – 15:00 | Internet Section I | Kağan Özerhan |
| 15:10 – 15:50 | Internet Section II | Kağan Özerhan |
| 16:00 – 16:40 | Internet Section II | Kağan Özerhan |

02.12.2011 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 | |

| 05.12.2011 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 Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

| 06.12.2010 TUESDAY | | |
|--------------------|----------------------------------------------------------|---------------------|
| 08:30 – 09:10 | Genome Organization | M. Cengiz Yakıcılar |
| 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 Section I | Mert Ülgen |
| 11:50 – 12:30 | LAB: Basic Lab skills Section I I | Mert Ülgen |
| 13:30 – 14:10 | Security Section I | Kağan Özerhan |
| 14:20 – 15:00 | Security Section I | Kağan Özerhan |
| 15:10 – 15:50 | Security Section I | Kağan Özerhan |
| 16:00 – 17:30 | Elective Course I | |

| 07.12.2011 WEDNESDAY | | |
|----------------------|-------------------------------------------------------|---------------------------------|
| 08:30 – 09:10 | Enzymes: Mechanisms of Action | İbrahim Ünsal |
| 09:20 – 10:00 | Enzymes: Mechanisms of Action | İbrahim Ünsal |
| 10:10 – 10:50 | CMPS-I: Medical Ethics and Humanities | Nadi Bakırıcı Pınar Topsever |
| 11:00 – 11:40 | Characteristics of doctor-patient/community relations | Yeşim Işıl Ülman |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Security Section II | Kağan Özerhan |
| 16:00 – 17:30 | Security Section II | Kağan Özerhan |

| 08.12.2011 THURSDAY | | |
|---------------------|-----------------------------------------------------------------------------------------------------|------------------|
| 08:30 – 10:00 | CMPS-I: Medical Ethics and Humanities Medicine in the Library: Medieval and Renaissance Medicine | Yeşim Işıl Ülman |
| 10:10 – 10:50 | LAB: Organic Reactions Section I | Mert Ülgen |
| 11:00 – 11:40 | LAB: Organic Reactions Section I | Mert Ülgen |
| 11:50 – 12:30 | | |
| 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 |

| 09.12.2011 FRIDAY | | |
|-------------------|-------------------------------------------------|------------|
| 08:30 – 09:10 | LAB: Organic Reactions Section II | Mert Ülgen |
| 09:20 – 10:00 | LAB: Organic Reactions Section II | Mert Ülgen |
| 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 | |

12.12.2011 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 | Yavuz Oktay |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

13.12.2011 TUESDAY

| | | |
|---------------|----------------------------------------------|------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | LAB: Purification Techniques Section I | Mert Ülgen |
| 11:00 – 11:40 | LAB: Purification Techniques Section I | Mert Ülgen |
| 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 | |

14.12.2011 WEDNESDAY

| | | |
|---------------|--------------------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Structure of Amino Acids | Özge Can |
| 09:20 – 10:00 | Structure of Amino Acids | Özge Can |
| 10:10 – 10:50 | CMPS-I: Medical Ethics and Humanities Evolution of Human Rights | İbrahim Kaboğlu |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Hospital Information Systems Section II | Bora Gökçe |
| 16:00 – 16:40 | Hospital Information Systems Section II | Bora Gökçe |

15.12.2011 THURSDAY

| | | |
|---------------|-----------------------------------------------------------------------------------------------------------------------------|------------------|
| 08:30 – 10:00 | CMPS-I: Medical Ethics and Humanities Medicine in Hospital: The influence of the Enlightenment and the Revolutionary Era | Yeşim Işıl Ülman |
| 11:00 – 11:40 | LAB: Purification Techniques Section II | Mert Ülgen |
| 11:00 – 11:40 | LAB: Purification Techniques Section II | Mert Ülgen |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Contact Centers Section I | Kağan Özerhan |
| 14:20 – 15:00 | Contact Centers Section I | Kağan Özerhan |
| 15:10 – 15:50 | Contact Centers Section II | Kağan Özerhan |
| 16:00 – 16:40 | Contact Centers Section II | Kağan Özerhan |

16.12.2011 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 | |

| 19.12.2011 MONDAY | | |
|-------------------|------------------------------------------------|--------------------------|
| 08:30 – 09:10 | Cellular Signaling | Mehmet Ergen |
| 09:20 – 10:00 | Cellular Signaling | Mehmet Ergen |
| 10:10 – 10:50 | Cellular Signaling | Mehmet Ergen |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

| 20.12.2011 TUESDAY | | |
|--------------------|----------------------------------------|------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | MED 103 MID-COMMITTEE EXAMINATION | |
| 11:50 – 12:30 | | |
| 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 | | |
| 16:00 – 17:30 | Elective Course I | |

| 21.12.2011 WEDNESDAY | | |
|----------------------|---------------------------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | CMPS-I: Medical Ethics and Humanities Human Rights and Right to Health | İbrahim Kaboğlu |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 17:30 | Study Time | |

| 22.12.2011 THURSDAY | | |
|---------------------|------------------------------------------------------------------------------------------------|------------------------|
| 08:30 – 10:00 | CMPS-I: Medical Ethics and Humanities Medicine in the Community: Emergence of Public Health | Yeşim Işıl Ülman |
| 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 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 23.12.2011 FRIDAY | | |
|-------------------|---------------------------------------------------|--------------------|
| 08:30 – 09:10 | Excitable Tissues and Action Potential | Mehmet Ergen |
| 09:20 – 10:00 | Excitable Tissues and 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 | |

26.12.2011 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 Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

27.12.2011 TUESDAY

| | | |
|---------------|--------------------------------------------------------|-------------|
| 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 | 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 | Descriptive Statistics | Murat Çinko |
| 16:00 – 17:30 | Elective Course I | |

28.12.2011 WEDNESDAY

| | | |
|---------------|---------------------------------------|------------------------------------------------|
| 08:30 – 09:10 | Protein Structure and Function | Özge Can |
| 09:20 – 10:00 | Protein Structure and Function | Özge Can |
| 10:10 – 10:50 | CMPS-I: Medical Ethics and Humanities | Nadi Bakırçı, Yeşim Işıl Ülman, |
| 11:00 – 11:40 | Right to Health | Pınar Topsever, Figen Demir, Yeşim Yasin |
| 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 | |

29.12.2011 THURSDAY

| | | |
|---------------|-----------------------------------------------------------------------------------------------|------------------|
| 08:30 – 10:00 | CMPS-I: Medical Ethics and Humanities Medicine in the Laboratory: Medicine becomes science | Yeşim Işıl Ülman |
| 10:10 – 10:50 | LAB: Separation Techniques Section II | Mert Ülgen |
| 11:00 – 11:40 | LAB: Separation Techniques Section II | Mert Ülgen |
| 11:50 – 12:30 | Study Time | |
| 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 | |

30.12.2011 FRIDAY

| | | |
|---------------|----------------------------------|--------------|
| 08:30 – 09:10 | Protein Structure and Function | Özge Can |
| 09:20 – 10:00 | Protein Structure and Function | Özge Can |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | LAB: Action Potential Section I | Mehmet Ergen |
| 11:50 – 12:30 | LAB: Action Potential Section I | Mehmet Ergen |
| 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 |

| 02.01.2012 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 Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

| 03.01.2012 TUESDAY | | |
|--------------------|-------------------------------------------------------------------|-------------|
| 08:30 – 09:10 | Introduction to Radiology I: definition, types of imaging, impact | Canan Erzen |
| 09:20 – 10:00 | Introduction to Radiology I: definition, types of imaging, impact | Canan Erzen |
| 10:10 – 10:50 | Free Energy and Thermodynamic Properties of Water | Beki Kan |
| 11:00 – 11:40 | Carbohydrate Structure and Function | Özge Can |
| 11:50 – 12:30 | Carbohydrate Structure and Function | Özge Can |
| 13:30 – 14:10 | Probability | Murat Çinko |
| 14:20 – 15:00 | Probability | Murat Çinko |
| 15:10 – 15:50 | Probability | Murat Çinko |
| 16:00 – 17:30 | Elective Course I | |

| 04.01.2012 WEDNESDAY | | |
|----------------------|---------------------------------------|--------------------|
| 08:30 – 09:10 | Structure of Nucleic Acids | |
| 09:20 – 10:00 | Structure of Nucleic Acids | Mert Ülgen |
| 10:10 – 10:50 | CMPS-I: Medical Ethics and Humanities | Yeşim Işıl Ülman |
| 11:50 – 12:30 | Introduction to Bioethics | Muhtar Çokar |
| 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 | |

| 05.01.2012 THURSDAY | | |
|---------------------|---------------------------------------------------------------|------------------|
| 08:30 – 09:10 | CMPS-I: Medical Ethics and Humanities | Yeşim Işıl Ülman |
| 09:20 – 10:00 | Medicine in the Modern World: Legacy of the Centuries | |
| 10:10 – 10:50 | Coupling of Biological Reactions with High Energy Metabolites | Beki Kan |
| 11:00 – 11:40 | Coupling of Biological Reactions with High Energy Metabolites | Beki Kan |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Confidence Interval | Murat Çinko |
| 14:20 – 15:00 | Confidence Interval | Murat Çinko |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 06.01.2012 FRIDAY | | |
|-------------------|---------------------------------------|------------------|
| 08:30 – 09:10 | CMPS-I: Medical Ethics and Humanities | Muhtar Çokar |
| 09:20 – 10:00 | Ethical Reasoning and Methodology-1 | Yeşim Işıl Ülman |
| 10:10 – 10:50 | | |
| 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 | |

09.01. 2012 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 | Introduction to Anatomy and Anatomical Terminology | Aymelek Yalin |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

10.01. 2012 TUESDAY

| | | |
|---------------|------------------------------------------|-------------|
| 08:30 – 09:10 | Structure of Lipids | Özge Can |
| 09:20 – 10:00 | Structure of Lipids | Özge Can |
| 10:10 – 10:50 | Energetics of Electron Transport | Beki Kan |
| 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 | Confidence Interval | 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 | |

11.01. 2012 WEDNESDAY

| | | |
|---------------|------------------------------------------------------------------------------|----------------------------------|
| 08:30 – 09:10 | CMPS-I: Medical Ethics and Humanities Ethical Reasoning and Methodology-2 | Muhtar Çokar Yeşim Işıl Ülman |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Turkish Language and Literature Examination | Hülya DüNDAR Şahin |
| 14:20 – 15:00 | Turkish Language and Literature Examination | Hülya DüNDAR Şahin |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

12.01. 2012 THURSDAY

| | | |
|---------------|-------------------------------------------------------------------------------------|---------------------------------------------------|
| 08:30 – 12:30 | CMPS-I: Medical Ethics and Humanities History of Medicine Museum Visit (Group A) | 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 | Hypothesis Testing | Murat Çinko |
| 16:00 – 16:40 | Hypothesis Testing | Murat Çinko |

13.01. 2012 FRIDAY

| | | |
|---------------|-------------------------------------------------------------------------------------|---------------------------------------------------|
| 08:30 – 12:30 | CMPS-I: Medical Ethics and Humanities History of Medicine Museum Visit (Group B) | Yeşim Işıl Ülman Pınar Topsever Figen Demir |
| 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 | |

| 16.01. 2012 MONDAY | | |
|--------------------|------------------------------------------------------------|--------------------------|
| 08:30 – 09:10 | Introduction to Human Anatomy | Elif N. Keskinöz |
| 09:20 – 10:00 | Introduction to Human Anatomy | Elif N. Keskinöz |
| 10:10 – 10:50 | Introduction to Human Anatomy | Elif N. Keskinöz |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution Examination | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution Examination | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English I | |
| 14:20 – 15:00 | Medical English I | |
| 15:10 – 15:50 | Medical English I | |
| 16:00 – 16:40 | Study Time | |

| 17.01. 2012 TUESDAY | | |
|---------------------|-------------------------------|-------------------------------------------|
| 08:30 – 12:30 | First Aid Course | Tamer Oruç Veysel Balcı Efe Onganer |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | First Aid Course | Tamer Oruç Veysel Balcı Efe Onganer |
| 15:10 – 15:50 | | |
| 16:00 – 17:30 | Elective Course I Examination | |

| 18.01. 2012 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 |

| 19.01. 2011 THURSDAY | | |
|----------------------|--------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | Introduction to metabolism | İbrahim Ünsal |
| 09:20 – 10:00 | Introduction to metabolism | İbrahim Ünsal |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Introduction to Radiology II: definition, types of imaging, impact | Canan Erzen |
| 11:50 – 12:30 | Introduction to Radiology II: definition, types of imaging, impact | Canan Erzen |
| 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 – 16:40 | Study Time | |

| 20.01. 2012 FRIDAY | | |
|--------------------|----------------------------------------------|------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Introduction to Human Anatomy Section I | Elif N. Keskinöz |
| 10:10 – 10:50 | LAB: Introduction to Human Anatomy Section I | Elif N. Keskinöz |
| 11:00 – 11:40 | LAB: Introduction to Human Anatomy Section I | Elif N. Keskinöz |
| 11:50 – 12:30 | LAB: Introduction to Human Anatomy Section I | Elif N. Keskinöz |
| 13:30 – 14:10 | Medical English I Examination | |
| 14:20 – 15:00 | Medical English I Examination | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

**23.01. 2012 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 | MED 105 CMPS I Subject Committee EXAMINATION | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

25.01. 2012 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 | | |

26.01. 2012 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 | | |

26.01. 2012 THURSDAY

| | | |
|---------------|---------------------------------------------------|--|
| 08:30 – 09:10 | MED 103 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 | | |

27.01. 2012 FRIDAY

| | | |
|---------------|-------------------------------------------------|--|
| 08:30 – 09:10 | MED 103 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 | | |



ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

2011 - 2012
YEAR 1
SPRING SEMESTER

YEAR I HOURS and CREDITS

SPRING SEMESTER

| COURSES | Theoretical Hours | | | Practical Hours | | | Study Time | Total | National credits | ECTS |
|----------------------------------------------|-------------------|-----------|------------|-----------------|-------------|------------|------------|------------|------------------|-----------|
| | Lectures | IALS | Sub Total | Lab study | Field study | Sub Total | | | | |
| From Cell to Tissue / Tissue to Organ | 75 | 12 | 87 | 13 | 0 | 13 | 98 | 198 | 7 | 7 |
| Body Functions and Human Behavior | 86 | 4 | 90 | 24 | 0 | 24 | 100 | 214 | 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 | 283 | 48 | 331 | 154 | 39 | 193 | 318 | 842 | 31 | 30 |

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) | 87 | Credit | ECTS |
|----------------------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 13 | | |
| From Cell to Tissue /From Tissue to Organ | MED 104 | Spring | Study time (Hour) | 98 | 7 | 7 |

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|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr |
| Committee Chairs | <u>Prof. Güldal GÜLEÇ; guldal.gulec@acibadem.edu.tr</u> <u>Assist. Prof. Gözde ERKANLI ŞENTÜRK, gozde.senturk@acibadem.edu.tr</u> |
| Academic Units & Staff | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc, Instructor</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof.. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Özge CAN, Ph.D., Assist. Prof.</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Işın AKYAR, M.D., Assist. Prof. Görkem YAMAN, M.D., Instructor</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> |
| Course Duration | 13.02.2012-13.04.2012 |
| Educational Methods | Theoretical Lectures and Lab Study, 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. |

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| <p>Learning Outcomes</p> | <p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> • 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. • describe the process of the gametogenesis, maturation of the sperms and oocytes, outline the processes of fertilization and implantation, distinguish the morphological features in bilaminar and trilaminar embryonic stages, define the neurulation and its inductive effect of notochord on surface ectoderm • describe the histological features of placenta, the developmental stages of yolk sac and its derivatives • acquire knowledge concerning the congenital anomalies that occur during developmental process. • define neuromuscular junction and describe the sequences of events occurring at the neuromuscular junction following a stimulus. • define the synapse and name its components and recite and name the sequences of events occurring at the synapse following a stimulus. • define excitation and inhibition of nerves, and their effect on capability of neurons to generate action potential. • state three major levels of information processing in central nervous system (spinal cord level, subcortical level and cortical level). • define neurotransmitter and state mechanisms that regulate the duration of the neurotransmission. • explain the main visceral functions of sympathetic and parasympathetic systems. • discuss the role autonomic nervous system in maintenance of homeostasis. • 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. • interpret 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. • explain the functions of metabolism and discuss metabolic pathways • classify various microorganisms with their basic structural properties. • demonstrate upper and lower extremity bones • recognize, prepare, and argue about interdisciplinary module |
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| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 90 | Credit | ECTS |
|-----------------------------------|---------|---------------------------|-----------------------|-----|--------|------|
| | | | Practical (Hour) | 24 | | |
| Body Functions and Human Behavior | MED 106 | Spring | Study time (Hour) | 100 | 7 | 8 |

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|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr |
| Committe Chairs | Prof. Aymelek Yalın; aymelek.yalin@acibadem.edu.tr Assoc. Prof. Mustafa Serteser; mserteser@acibademlabmed.com.tr |
| Academic Units & Staff | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Aytül KIZARAN, M.D., Instructor Elif Nedret KESKİNÖZ, M.Sc., Instructor</p> <p>Behavioral Sciences: Kültegin ÖGEL, M.D., Prof. Cem İNCESU, M.D., Assoc. Prof. Defne ERASLAN, M.D., Assist. Prof.</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry: Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof.</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof.</p> <p>Physics: Şule ÖNCÜL Ph.D., Assist. Prof.</p> <p>Physiology: Güldal GÜLEÇ, M.D., Ph.D., Prof.</p> <p>Affiliated Faculty</p> <p>Anatomy: Jasna GÜRBÜZ, M.D., Ph.D.</p> |
| Course Duration | 16.04.2012-15.06.2012 |
| Educational Methods | Theoretical Lectures and Lab Study |
| Assessment Methods | Theoretical and Practical Examinations, Homeworks |
| Course Aims | The aim of this committee is to provide necessary knowledge about nervous and endocrine systems. The development of nervous system and endocrine organs will be explained along with the main sensory organs, eye and ear. The structure and function of sensory and endocrine systems will be defined. The whole human body skeleton will be explained. Biochemical and biophysical characteristics of nervous system will be explained. Biochemical importance of some tissues; epithelial, connective and adipose tissues, and basic principles of human behaviour will be covered. |

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

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators: | Prof. Serap ARBAK; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye AKYERLİ BOYLU; cemaliye.boylu@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 | <p>Behavioral Science Kültegin ÖGEL, M.D., Assoc. Prof</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor.</p> <p>Physiology Güldal GÜLEÇ, M.D., Ph.D., Prof. Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, MD., Ph.D., Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., PhD, Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor.</p> <p>Affiliated Faculty İnci USER Ph.D, Assoc.Prof. Yeşim YASİN, M.Sc.</p> |
| Course Duration | 16.02.2012-31.05.2012 |
| Educational Methods | Site visits, group assignments, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions |
| Assessment Methods | Written examination, log-books, standardized evaluation of group presentations of assignments and projects, performances, case studies, interactive lectures and self-directed learning sessions. |
| Course Aims | <p>This course aims to;</p> <p>Health and Society: - introduce the students to the social, cultural economic and political factors of health and illness and to acquaint them with the primary health care system in Turkey.</p> <p>Research in Health: - create a learning opportunity for students to develop scientific thinking skills and to introduce the students to medical research methodology</p> |

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| Learning Outcomes | <p>At the end of this session, students will be able to:</p> <p><i>Health and Society:</i></p> <ul style="list-style-type: none">• discuss sociological concepts of health, illness, sickness and disease<ul style="list-style-type: none">- identify the differences between illness, disease and sickness- compare and contrast the medical concept of disease with individual and/or community perceptions and explanations of health and illness/disease• explain the impact of medicine upon society<ul style="list-style-type: none">- Labelling and stigmatization- Medicalization• explain the changing patterns of disease and health care throughout history and across cultures• explain the social determinants of health and illness<ul style="list-style-type: none">- compare and contrast the theories of disease causation- define the socio demographic factors of health and illness• explain health issues in a global context• discuss the issue of social inequalities in health• explain the principle of equity in health care• explain the basic structure of the health care system in Turkey• make a field observation about the practice of primary health care <p><i>Research in Health:</i></p> <ul style="list-style-type: none">• distinguish between scientific philosophy and philosophy of science• explain the evolution of scientific thinking• describe fundamentals of scientific research and characteristics of scientific thinking methodology• discuss the scientific reasoning and the methodological framework in a medical research• describe the epidemiology and its context• analyse the key criteria to assess if a relationship is causal |
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ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

**YEAR I
SPRING SEMESTER
SCHEDULE**

13.02.2012 MONDAY

| | | |
|---------------|------------------------------------------------|----------------------------------------|
| 08:30 – 09:10 | Introduction to MED 104 Subject Committee | Güldal Güleç, Gözde Erkanlı Şentürk |
| 09:20 – 10:00 | Histology of Lining and Glandular Epithelium | Gözde Erkanlı Şentürk |
| 10:10 – 10:50 | Histology of Lining and Glandular Epithelium | Gözde Erkanlı Şentürk |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

14.02.2012 TUESDAY

| | | |
|---------------|---------------------------------------------|-----------------------|
| 08:30 – 09:10 | Introduction to Microbiology | Tanıl Kocagöz |
| 09:20 – 10:00 | Oogenesis | Deniz Yücel |
| 10:10 – 10:50 | Spermatogenesis | Gözde Erkanlı Şentürk |
| 11:00 – 11:40 | High Energy Compounds and Metabolic Control | Abdurrahman Coşkun |
| 11:50 – 12:30 | High Energy Compounds and Metabolic Control | Abdurrahman Coşkun |
| 13:30 – 14:10 | 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 | |

15.02.2012 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 | LAB: Histology of Lining and Glandular Epithelium | Gözde Erkanlı Şentürk |
| 11:50 – 12:30 | LAB: Histology of Lining and Glandular Epithelium | Gözde Erkanlı Şentürk |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Oxidative Phosphorylation and Electron Transport Chain | Abdurrahman Coşkun |
| 16:00 – 16:40 | Oxidative Phosphorylation and Electron Transport Chain | Abdurrahman Coşkun |

16.02.2012 THURSDAY

| | | |
|---------------|---------------------------------------------|--------------------------------------------------------------|
| 08:30 – 09:10 | Introduction to CMPS-II: Health and Society | Nadi Bakırcı İnci User |
| 09:20 - 12:30 | CMPS-II: Health and Society | Nadi Bakırcı Figen Demir Pınar Topsever Yeşim Yasin |
| | Health as a Social Concept-I | |
| 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 | |

17.02.2012 FRIDAY

| | | |
|---------------|--------------------------------------------------------|-----------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Oxidative Phosphorylation and Electron Transport Chain | Abdurrahman Coşkun |
| 10:10 – 10:50 | Oxidative Phosphorylation and Electron Transport Chain | Abdurrahman Coşkun |
| 11:00 – 11:40 | Histology of Connective Tissue | Gözde Erkanlı Şentürk |
| 11:50 – 12:30 | Histology of Connective Tissue | Gözde Erkanlı Şentürk |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

20.02.2012 MONDAY

| | | |
|---------------|----------------------------------------------|--------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Histology of Connective Tissue | Gözde Erkanlı Şentürk |
| 10:10 – 10:50 | LAB: Histology of Connective Tissue | Gözde Erkanlı Şentürk |
| 11:00 – 11:40 | Atatürk Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| | | |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

21.02.2012 TUESDAY

| | | |
|---------------|-----------------------------|--------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | General Structures of Fungi | Görkem Yaman |
| 10:10 – 10:50 | General Structures of Fungi | Görkem Yaman |
| 11:00 – 11:40 | Fertilization | Deniz Yücel |
| 11:50 – 12:30 | Implantation | Serap Arbak |
| | | |
| 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 | |

22.02.2012 WEDNESDAY

| | | |
|---------------|------------------------------------|-----------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Upper Extremity Bones | Elif N. Keskinöz |
| 10:10 – 10:50 | Upper Extremity Bones | Elif N. Keskinöz |
| 11:00 – 11:40 | Glycolysis and Gluconeogenesis | Aysel Özpınar |
| 11:50 – 12:30 | Glycolysis and Gluconeogenesis | Aysel Özpınar |
| | | |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Induction Mechanisms of Embryology | Gözde Erkanlı Şentürk |
| 16:00 – 16:40 | Induction Mechanisms of Embryology | Gözde Erkanlı Şentürk |

23.02.2012 THURSDAY

| | | |
|---------------|---------------------------------|------------------------------------------------------------------|
| 08:30 – 10:50 | CMPS-II: Health and Society | İnci User, Nadi Bakırcı, Figen Demir Pınar Topsever, Yeşim Yasin |
| | Health as a Social Concept-II | |
| 11:00 – 12:30 | Impact of medicine upon society | Kültegin Ögel İnci User |
| | | |
| 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 | |

24.02.2012 FRIDAY

| | | |
|---------------|--------------------------------|---------------|
| 08:30 – 09:10 | Glycolysis and Gluconeogenesis | Aysel Özpınar |
| 09:20 – 10:00 | Glycolysis and Gluconeogenesis | Aysel Özpınar |
| 10:10 – 10:50 | Stem Cells | 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 | |

27.02.2012 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 Karadağ |
| 11:50 – 12:30 | Atatürk Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

28.02.2012 TUESDAY

| | | |
|---------------|--------------------------------------|-----------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Lower Extremity Bones | Aymelek Yalın |
| 10:10 – 10:50 | Lower Extremity Bones | Aymelek Yalın |
| 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 | |

29.02.2012 WEDNESDAY

| | | |
|---------------|------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Glycogenesis and Glycogenolysis | Özge Can |
| 10:10 – 10:50 | Glycogenesis and Glycogenolysis | Özge Can |
| 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 Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

01.03.2012 THURSDAY

| | | |
|---------------|-------------------------------------------------------------|-------------------------------------------------------------|
| 08:30 – 12:30 | CMPS-II: Health and Society Changing Patterns of Disease | İnci User Nadi Bakırıcı 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 | |

02.03.2012 FRIDAY

| | | |
|---------------|---------------------------------|----------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Glycogenesis and Glycogenolysis | Özge Can |
| 10:10 – 10:50 | Glycogenesis and Glycogenolysis | Özge Can |
| 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 | |

| 05.03.2012 MONDAY | | |
|-------------------|------------------------------------------------|---------------|
| 08:30 – 09:10 | Histology of Muscle Tissue | Serap Arbak |
| 09:20 – 10:00 | Histology of Muscle Tissue | Serap Arbak |
| 10:10 – 10:50 | LAB: Upper and Lower extremity bones Section I | Aymelek Yalın |
| 11:00 – 11:40 | LAB: Upper and Lower extremity bones Section I | Aymelek Yalın |
| 11:50 – 12:30 | LAB: Upper and Lower extremity bones Section I | Aymelek Yalın |
| | | |
| 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 | |

| 06.03.2012 TUESDAY | | |
|--------------------|-------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Special Topics: A different Approach to Life Struggle | Abdurrahman Coşkun |
| 09:20 – 10:00 | Special Topics: A different Approach to Life Struggle | Abdurrahman Coşkun |
| 10:10 – 10:50 | LAB: Upper and Lower extremity bones Section II | Aymelek Yalın |
| 11:00 – 11:40 | LAB: Upper and Lower extremity bones Section II | Aymelek Yalın |
| 11:50 – 12:30 | LAB: Upper and Lower extremity bones Section II | Aymelek Yalın |
| | | |
| 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 | |

| 07.03.2012 WEDNESDAY | | |
|----------------------|---------------------------------|--------------------|
| 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 | TCA Cycle | Aysel Özpınar |
| 11:50 – 12:30 | TCA Cycle | Aysel Özpınar |
| | | |
| 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 |

| 08.03.2012 THURSDAY | | |
|---------------------|-----------------------------------------------------------|------------------------------------------------------------|
| 08:30 – 12:30 | CMPS-II: Health and Society Disease Causation Theories | İnci User Nadi Bakırcı Figen Demir Pınar Topsever |
| | | |
| 13:30 – 14:10 | Nonparametric Methods | Murat Çinko |
| 14:20 – 15:00 | Nonparametric Methods | Murat Çinko |
| 15:10 – 15:50 | Histology of Nervous Tissue | Deniz Yücel |
| 16:00 – 16:40 | Histology of Nervous Tissue | Deniz Yücel |

| 09.03.2012 FRIDAY | | |
|-------------------|-----------------------------|-------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Histology of Skin and Adnex | Serap Arbak |
| 10:10 – 10:50 | Histology of Skin and Adnex | 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 | |

12.03.2012 MONDAY

| | | |
|---------------|----------------------------------------------|--------------------------|
| 08:30 – 09:10 | Neurotransmitters | Melike Şahiner |
| 09:20 – 10:00 | LAB: Histology of Skin and Nervous Tissue | Serap Arbak-Deniz Yücel |
| 10:10 – 10:50 | LAB: Histology of Skin and Nervous Tissue | Serap Arbak-Deniz Yücel |
| 11:00 – 11:40 | Atatürk Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

13.03.2012 TUESDAY

| | | |
|---------------|------------------------------------|-------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | MED 104 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 | |

14.03.2012 WEDNESDAY

| | | |
|---------------|--------------------------|--|
| 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 | | |

15.03.2012 THURSDAY

| | | |
|---------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 08:30 – 10:50 | CMPS-II: Health and Society Basic Health Outcomes and Burden of Disease | Nadi Bakırcı, Figen Demir |
| 11:00 – 12:30 | Social Determinants of Health/Inequalities in Health | İnci User, Nadi Bakırcı, Figen Demir, Pınar Topsever, Melike Şahiner, Güldal Güleç, Şirin Parkan, 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 | |

16.03.2012 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 | |

| 19.03.2012 MONDAY | | |
|-------------------|----------------------------------------------|--------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Amino Acid and Protein Metabolism | Özge Can |
| 10:10 – 10:50 | Amino Acid and Protein Metabolism | Özge Can |
| 11:00 – 11:40 | Atatürk Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| | | |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 17:30 | Study Time | |

| 20.03.2012 TUESDAY | | |
|--------------------|--------------------------------------------|-------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Amino Acid and Protein Metabolism | Özge Can |
| 10:10 – 10:50 | Amino Acid and Protein Metabolism | Özge Can |
| 11:00 – 11:40 | Formation of Neurulation and Organ Systems | Serap Arbak |
| 11:50 – 12:30 | Formation of Neurulation and Organ Systems | Serap Arbak |
| | | |
| 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 | |

| 21.03.2012 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 | Extraembryonic Structures | Serap Arbak |
| 11:50 – 12:30 | Extraembryonic Structures | 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 | |

| 22.03.2012 THURSDAY | | |
|---------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 09:20 - 10:50 | CMPS-II: Health and Society Social Determinants of Health/Inequalities in Health | İnci User, Nadi Bakırcı, Figen Demir, Pınar Topsever, Melike Şahiner, Güldal Güleç, Şirin Parkan, Yeşim Yasin |
| 11:00 – 12:30 | Social Determinants of Health/Inequalities in Health Study Time | |
| | | |
| 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 | |

| 23.03.2012 FRIDAY | | |
|-------------------|----------------------------|----------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Metabolism of Nucleic Acid | Özge Can |
| 11:50 – 12:30 | Metabolism of Nucleic Acid | Özge Can |
| | | |
| 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 | |

26.03.2012 MONDAY

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

27.03.2012 TUESDAY

| | | |
|---------------|-------------------------------------------|----------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | General Structures of Viruses | Tanıl Kocagöz |
| 10:10 – 10:50 | General Structures of Viruses | Tanıl Kocagöz |
| 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 | |

28.03.2012 WEDNESDAY

| | | |
|---------------|---------------------------------|--------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | General Structure of Parasites | Işın Akyar |
| 10:10 – 10:50 | General Structure of Parasites | Işın Akyar |
| 11:00 – 11:40 | Biosynthesis of Lipids | Mustafa Serteser |
| 11:50 – 12:30 | Biosynthesis of Lipids | Mustafa Serteser |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

29.03.2012 THURSDAY

| | | |
|---------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 09:20 - 10:50 | CMPS-II: Health and Society Social Determinants of Health/Inequalities in Health | İnci User, Nadi Bakırcı, Figen Demir, Pınar Topsever, Melike Şahiner, Güldal Güleç, Şirin Parkan, Yeşim Yasin |
| 11:00 – 12:30 | 0.7CMPS-II: Health and Society Global Health | Yeşim Yasin İnci User Nadi Bakırcı Figen Demir Pınar Topsever |
| 13:30 – 14:10 | A rapidly Maturing Science | Sinan Fındık |
| 14:20 – 15:00 | A rapidly Maturing Science | Sinan Fındık |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 17:30 | Study Time | |

30.03.2012 FRIDAY

| | | |
|---------------|--------------------------------------------------------------------------------------|------------------|
| 09:20 - 10:50 | CMPS-II: Health and Society General Structure of the health care system in Turkey | Pınar Topsever |
| 11:00 – 11:40 | Oxidation of Lipids | Mustafa Serteser |
| 11:50 – 12:30 | Oxidation of Lipids | Mustafa Serteser |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 02.04.2012 MONDAY | | |
|-------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | CMPS-II: Health and Society Primary Health Care in Turkey Site Visit-PHC facilities (Group A) | Nadi Bakırcı Figen Demir Pınar Topsever Demet Dinç Efe Onganer Şirin Parkan |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

| 03.04.2012 TUESDAY | | |
|--------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | CMPS-II: Health and Society Primary Health Care in Turkey Site Visit-PHC facilities (Group B) | Nadi Bakırcı Figen Demir Pınar Topsever Demet Dinç Efe Onganer Şirin Parkan |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Computers in Biology and Medicine | Sinan Fındık |
| 14:20 – 15:00 | Computers in Biology and Medicine | Sinan Fındık |
| 15:10 – 15:50 | Computers in Biology and Medicine | Sinan Fındık |
| 16:00 – 17:30 | Elective Course II | |

| 04.04.2012 WEDNESDAY | | |
|----------------------|--------------------------------------------------------------|----------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Small Group Discussion: Disorders of Carbohydrate Metabolism | Aysel Özpınar and Özge Can |
| 10:10 – 10:50 | Small Group Discussion: Disorders of Carbohydrate Metabolism | Aysel Özpınar and Özge Can |
| 11:00 – 11:40 | Small Group Discussion: Disorders of Carbohydrate Metabolism | Aysel Özpınar and Özge Can |
| 11:50 – 12:30 | Small Group Discussion: Disorders of Carbohydrate Metabolism | Aysel Özpınar and Özge Can |
| 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 | Computers in Biology and Medicine | Sinan Fındık |
| 16:00 – 16:40 | Computers in Biology and Medicine | Sinan Fındık |

| 05.04.2012 THURSDAY | | |
|---------------------|--------------------------|--|
| 08:30 – 12:30 | Medical Education Days-2 | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 06.04.2012 FRIDAY | | |
|-------------------|--------------------------|--|
| 08:30 – 12:30 | Medical Education Days-2 | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |



09.04.2012 MONDAY

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10.04.2012 TUESDAY

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11.04.2012 WEDNESDAY

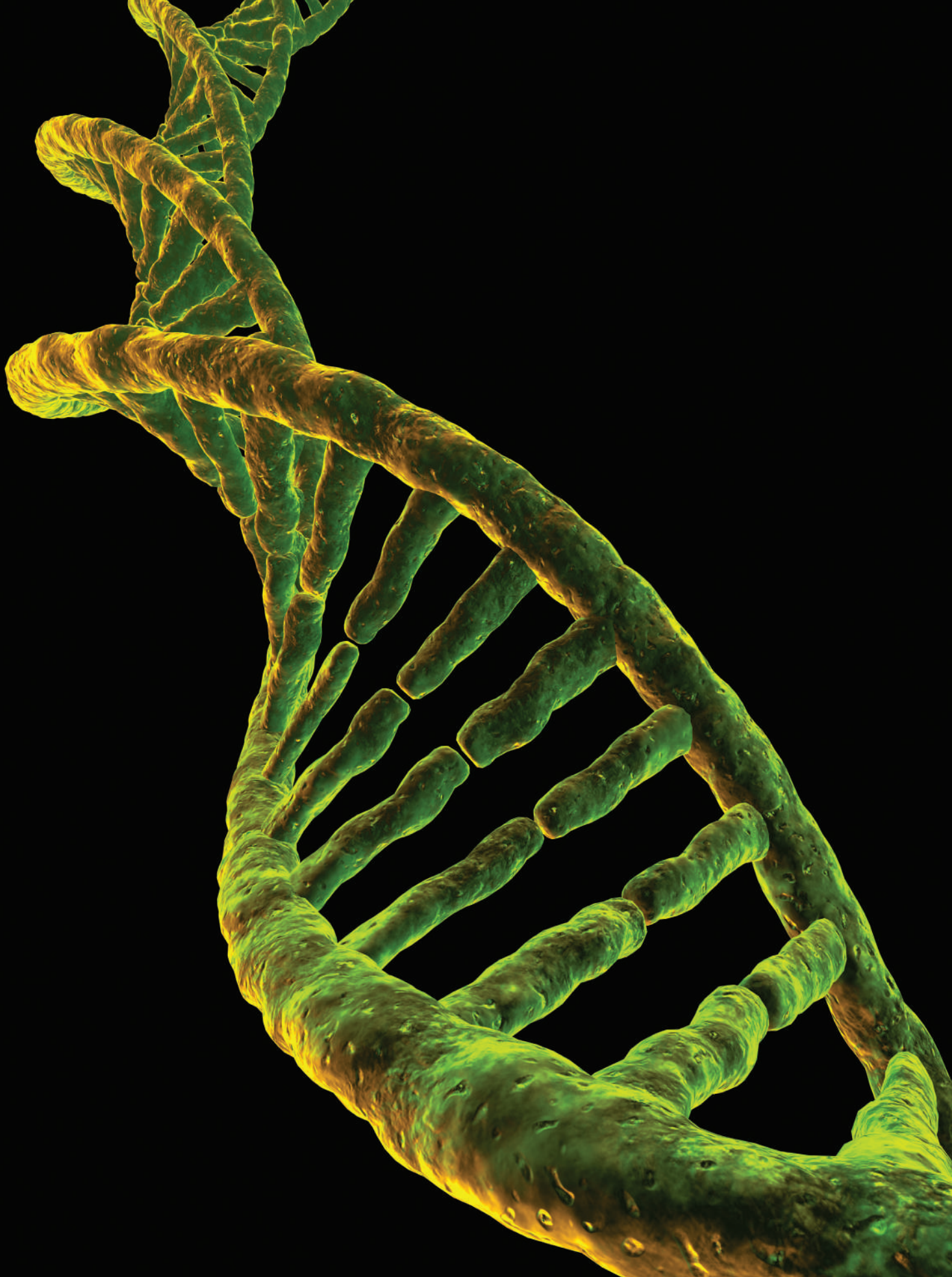
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12.04.2012 THURSDAY

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|---------------|-------------------------------------------------|--|
| 08:30 – 09:10 | MED 104 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 | | |

13.04.2012 FRIDAY

| | | |
|---------------|---------------------------------------------------|--|
| 08:30 – 09:10 | MED 104 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 | | |



16.04.2012 MONDAY

| | | |
|---------------|------------------------------------------------|---------------------------------|
| 08:30 – 09:10 | Introduction to MED 106 Subject Committee | Aymelek Yalın, Mustafa Serteser |
| 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 Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

17.04.2012 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 Splanchnocranium | Elif Nedret Keskinöz |
| 11:00 – 11:40 | Skull Splanchnocranium | Elif Nedret Keskinöz |
| 11:50 – 12:30 | Information Transmission and Content of Information | Devrim Öz Arslan |
| 13:30 – 14:10 | Access to Sequence Data and Literature Information | Sinan Fındık |
| 14:20 – 15:00 | Access to Sequence Data and Literature Information | Sinan Fındık |
| 15:10 – 15:50 | Gene Bank-The Nucleotide Sequence Database | Sinan Fındık |
| 16:00 – 17:30 | Elective Course II | |

18.04.2012 WEDNESDAY

| | | |
|---------------|---------------------------------|------------------------------|
| 08:30 – 09:10 | Control Mechanisms | Devrim Öz Arslan |
| 09:20 – 10:00 | Control Mechanisms | Devrim Öz Arslan |
| 10:10 – 10:50 | Histology of Nervous System | Deniz Yücel |
| 11:00 – 11:40 | Histology of Nervous System | Deniz Yücel |
| 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 | Reviewing literature | Güldal Güleç, Murat Gündoğdu |
| | Reviewing literature | Güldal Güleç, Murat Gündoğdu |

19.04.2012 THURSDAY

| | | |
|---------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 08:30 - 09:10 | Study Time | |
| 09:20 - 10:50 | CMPS-II: Health and Society | İnci User, Nadi Bakırcı, Figen Demir, Pınar Topsever, Şirin Parkan, Yeşim Yasin, Demet Dinç, Efe Onganer |
| | Assesment of Site Visit-PHC Facilities | |
| 11:00 –12:30 | CMPS-II: Health and Society | |
| | Study Time for Poster Presentations | |
| 13:30 – 14:10 | Gene Bank-The Nucleotide Sequence Database | Sinan Fındık |
| 14:20 – 15:00 | Gene Bank-The Nucleotide Sequence Database | Sinan Fındık |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

20.04.2012 FRIDAY

| | | |
|---------------|------------------------------------|------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 –12:30 | LAB: Skull Neurocranium Section I | Aymelek Yalın and Elif N. Keskinöz |
| | LAB: Skull Neurocranium Section I | |
| | LAB: Skull Neurocranium Section II | |
| | LAB: Skull Neurocranium Section II | |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Reviewing literature | Güldal Güleç, Murat Gündoğdu |
| 16:00 – 16:40 | Reviewing literature | Güldal Güleç, Murat Gündoğdu |

| 23.04.2012 MONDAY | | |
|-------------------|-----------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | National Sovereignty and Children's Day | |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 24.04.2012 TUESDAY | | |
|--------------------|-----------------------------------------------------|-------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | History of Behavioral Sciences | Kültegin Ögel |
| 10:10 – 10:50 | History of Behavioral Sciences | Kültegin Ögel |
| 11:00 – 11:40 | LAB: Skull Splanchnocranium Section I | Elif Nedret Keskinöz, Aytül Kızaran |
| 11:50 – 12:30 | LAB: Skull Splanchnocranium Section I | Elif Nedret Keskinöz, Aytül Kızaran |
| | | |
| 13:30 – 14:10 | National Center for Biotechnology Information: NCBI | Sinan Fındık |
| 14:20 – 15:00 | National Center for Biotechnology Information: NCBI | Sinan Fındık |
| 15:10 – 15:50 | National Center for Biotechnology Information: NCBI | Sinan Fındık |
| 16:00 – 17:30 | Elective Course II | |

| 25.04.2012 WEDNESDAY | | |
|----------------------|----------------------------------------|-------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Histology of Nervous System | Deniz Yücel |
| 10:10 – 10:50 | LAB: Histology of Nervous System | Deniz Yücel |
| 11:00 – 11:40 | LAB: Skull Splanchnocranium Section II | Elif Nedret Keskinöz, Aytül Kızaran |
| 11:50 – 12:30 | LAB: Skull Splanchnocranium Section II | Elif Nedret Keskinöz, Aytül Kızaran |
| | | |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Base of Skull | Aymelek Yalın |
| 16:00 – 16:40 | Base of Skull | Aymelek Yalın |

| 26.04.2012 THURSDAY | | |
|---------------------|-----------------------------------------------------------------------|-----------------------------------------------|
| | | |
| 09:20 – 12:30 | CMPS II: Research in Health Introduction to Scientific Methodology | Nadi Bakırcı Figen Demir Pınar Topsever |
| | | |
| 13:30 – 14:10 | National Center for Biotechnology Information: NCBI | Sinan Fındık |
| 14:20 – 15:00 | National Center for Biotechnology Information: NCBI | Sinan Fındık |
| 15:10 – 15:50 | LAB: Base of Skull Section I | Elif Nedret Keskinöz, Aytül Kızaran |
| 16:00 – 16:40 | LAB: Base of Skull Section I | Elif Nedret Keskinöz, Aytül Kızaran |

| 27.04.2012 FRIDAY | | |
|-------------------|-------------------------------------------|-------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Biochemistry of Epithelial Tissue | Abdurrahman Coşkun |
| 10:10 – 10:50 | Development of the Central Nervous System | Gözde Erkanlı Şentürk |
| 11:00 – 11:40 | Vertebral Column, Ribs and Sternum | Aytül Kızaran |
| 11:50 – 12:30 | Vertebral Column, Ribs and Sternum | Aytül Kızaran |
| | | |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | LAB: Base of Skull Section II | Elif Nedret Keskinöz, Aytül Kızaran |
| 16:00 – 16:40 | LAB: Base of Skull Section II | Elif Nedret Keskinöz, Aytül Kızaran |

30.04.2012 MONDAY

| | | |
|---------------|-----------------------------------------------------|-------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Vertebral column, Ribs and Sternum Section I | Elif Nedret Keskinöz, Aytül Kızaran |
| 10:10 – 10:50 | LAB: Vertebral column, Ribs and Sternum Section I | Elif Nedret Keskinöz, Aytül Kızaran |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| | | |
| 13:30 – 14:10 | National Center for Biotechnology Information: NCBI | Sinan Fındık |
| 14:20 – 15:00 | National Center for Biotechnology Information: NCBI | Sinan Fındık |
| 15:10 – 15:50 | European Bioinformatics Institute: EBI | Sinan Fındık |
| 16:00 – 17:30 | LAB: Vertebral column, Ribs and Sternum Section II | Elif Nedret Keskinöz, Aytül Kızaran |

01.05.2012 TUESDAY

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

02.05.2012 WEDNESDAY

| | | |
|---------------|---------------------------------|--------------------|
| 08:30 – 09:10 | Theories of Psychopathology | Defne Eraslan |
| 09:20 – 10:00 | Theories of Psychopathology | Defne Eraslan |
| 10:10 – 10:50 | Theories of Psychopathology | Defne Eraslan |
| 11:00 – 11:40 | Somatosensory Systems | Güldal Güleç |
| 11:50 – 12:30 | Somatosensory Systems | 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 | Introduction to Nervous System | Aytül Kızaran |
| 16:00 – 16:40 | Introduction to Nervous System | Aytül Kızaran |

03.05.2012 THURSDAY

| | | |
|---------------|----------------------------------------------------------|-----------------------------------------------|
| 09:20 – 12:30 | CMPS II: Research in Health World of Medical Research | Nadi Bakırcı Figen Demir Pınar Topsever |
| 13:30 – 14:10 | European Bioinformatics Institute: EBI | Sinan Fındık |
| 14:20 – 15:00 | European Bioinformatics Institute: EBI | Sinan Fındık |
| 15:10 – 15:50 | Nature of Waves | Şule Oncül |
| 16:00 – 16:40 | Nature of Waves | Şule Oncül |

04.05.2012 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 | Overview to Peripheral Nervous System | Jasna Gürbüz |
| 11:50 – 12:30 | Overview to Peripheral Nervous System | Jasna Gürbüz |
| | | |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Overview to Central Nervous System | Aymelek Yalın |
| 16:00 – 16:40 | Overview to Central Nervous System | Aymelek Yalın |

07.05.2012 MONDAY

| | | |
|---------------|------------------------------------------------|--------------------------|
| 08:30 – 09:10 | Biochemistry of Connective Tissue | Abdurrahman Coşkun |
| 09:20 – 10:00 | Biochemistry of Connective Tissue | Abdurrahman Coşkun |
| 10:10 – 10:50 | Biochemistry of Connective Tissue | Abdurrahman Coşkun |
| 11:00 – 11:40 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

08.05.2012 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 | Biophysics of photoreception | Beki Kan |
| 11:50 – 12:30 | Biophysics of photoreception | Beki Kan |
| 13:30 – 14:10 | European Bioinformatics Institute: EBI | Sinan Fındık |
| 14:20 – 15:00 | European Bioinformatics Institute: EBI | Sinan Fındık |
| 15:10 – 15:50 | Kyoto Encyclopedia of Genes and Genomes: KEGG | Sinan Fındık |
| 16:00 – 17:00 | Elective Course II | |

09.05.2012 WEDNESDAY

| | | |
|---------------|------------------------------------|-------------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | MED 106 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 | LAB: Nervous System Section I | Aymelek Yalın, Elif Nedret Keskinöz |
| 16:00 – 16:40 | LAB: Nervous System Section I | Aymelek Yalın, Elif Nedret Keskinöz |

10.05.2012 THURSDAY

| | | |
|---------------|------------------------------------------------------------------|-----------------------------------------------------|
| 09:20 – 12:30 | CMPS II: Research in Health Scientific Thinking and Reasoning | İsmail Hakkı Ulus Nadi Bakırcı Pınar Topsever |
| 13:30 – 14:10 | Pairwise Sequence Alignment | Sinan Fındık |
| 14:20 – 15:00 | BLAST | Sinan Fındık |
| 15:10 – 15:50 | LAB: Nervous System Section II | Aymelek Yalın, Elif Nedret Keskinöz |
| 16:00 – 16:40 | LAB: Nervous System Section II | Aymelek Yalın, Elif Nedret Keskinöz |

11.05.2012 FRIDAY

| | | |
|---------------|-----------------------|--------------|
| 08:30 – 09:10 | The Orbit and Eyeball | Jasna Gürbüz |
| 09:20 – 10:00 | The Orbit and Eyeball | Jasna Gürbüz |
| 10:10 – 10:50 | The Orbit and Eyeball | Jasna Gürbüz |
| 11:00 – 11:40 | Histology of eye | Deniz Yücel |
| 11:50 – 12:30 | Histology of eye | Deniz Yücel |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

14.05.2012 MONDAY

| | | |
|---------------|-----------------------------|--|
| 08:30 – 12:30 | STUDENT RESEARCH CONGRESS-2 | |
| 13:30 – 16:40 | STUDENT RESEARCH CONGRESS-2 | |

15.05.2012 TUESDAY

| | | |
|---------------|-----------------------------|--|
| 08:30 – 12:30 | STUDENT RESEARCH CONGRESS-2 | |
| 13:30 – 17:30 | STUDENT RESEARCH CONGRESS-2 | |

16.05.2012 WEDNESDAY

| | | |
|---------------|-----------------------------|--|
| 08:30 – 09:10 | STUDENT RESEARCH CONGRESS-2 | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | STUDENT RESEARCH CONGRESS-2 | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

17.05.2012 THURSDAY

| | | |
|---------------|-------------------------------------------------------------|-----------------------------------------------|
| 09:20 – 12:30 | CMPS II: Research in Health Introduction to Epidemiology | Nadi Bakırcı Figen Demir Pınar Topsever |
| 13:30 – 14:10 | LAB: The Orbit and Eyeball Section I | Jasna Gürbüz, Aytül Kızaran |
| 14:20 – 15:00 | LAB: The Orbit and Eyeball Section I | Jasna Gürbüz, Aytül Kızaran |
| 15:10 – 15:50 | LAB: The Orbit and Eyeball Section II | Jasna Gürbüz, Aytül Kızaran |
| 16:00 – 16:40 | LAB: The Orbit and Eyeball Section II | Jasna Gürbüz, Aytül Kızaran |

18.05.2012 FRIDAY

| | | |
|---------------|--------------------|--------------|
| 08:30 – 09:10 | Optics | Şule Öncül |
| 09:20 – 10:00 | Optics | Şule Öncül |
| 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 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

21.05.2012 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 Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution | Özgür Mutlu Ulus Karadağ |
| | | |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

22.05.2012 TUESDAY

| | | |
|---------------|------------------------------------|---------------|
| 08:30 – 09:10 | Stages of Psychosocial Development | Defne Eraslan |
| 09:20 – 10:00 | Motivation and Behavior | Kültegin Ögel |
| 10:10 – 10:50 | Motivation and Behavior | Kültegin Ögel |
| 11:00 – 11:40 | Optics of vision | Şule Öncül |
| 11:50 – 12:30 | Optics of vision | Şule Öncül |
| | | |
| 13:30 – 14:10 | BLAST | Sinan Fındık |
| 14:20 – 15:00 | FASTA | Sinan Fındık |
| 15:10 – 15:50 | The Reference Sequence Project | Sinan Fındık |
| 16:00 – 17:30 | Elective Course II Examination | |

23.05.2012 WEDNESDAY

| | | |
|---------------|-----------------------------------|--------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Specific sensory systems: hearing | Güldal Güleç |
| 10:10 – 10:50 | Specific sensory systems: hearing | Güldal Güleç |
| 11:00 – 11:40 | LAB: Histology of eye and ear | Serap Arbak, Deniz Yücel |
| 11:50 – 12:30 | LAB: Histology of eye and ear | Serap Arbak, Deniz Yücel |
| | | |
| 13:30 – 14:10 | Turkish Language and Literature | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature | Hülya Dünder Şahin |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

24.05.2012 THURSDAY

| | | |
|---------------|------------------------------------------------------------|-----------------------------------------------|
| | | |
| 09:20 – 12:30 | CMPS II: Research in Health Causation in Epidemiology I | Nadi Bakırcı Figen Demir Pınar Topsever |
| | | |
| 13:30 – 14:10 | Multiple Alignment and Phylogenetic Tree Analysis | Sinan Fındık |
| 14:20 – 15:00 | Multiple Alignment and Phylogenetic Tree Analysis | Sinan Fındık |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

25.05.2012 FRIDAY

| | | |
|---------------|-------------------------|-----------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: The Ear Section I | Jasna Gürbüz, Aytül Kızaran |
| 10:10 – 10:50 | LAB: The Ear Section I | Jasna Gürbüz, Aytül Kızaran |
| 11:00 – 11:40 | LAB: The Ear Section II | Jasna Gürbüz, Aytül Kızaran |
| 11:50 – 12:30 | LAB: The Ear Section II | Jasna Gürbüz, Aytül Kızaran |
| | | |
| 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 | |

28.05.2012 MONDAY

| | | |
|---------------|------------------------------------------------------------|--------------------------|
| 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 | Atatürk's Principles and History of Revolution Examination | Özgür Mutlu Ulus Karadağ |
| 11:50 – 12:30 | Atatürk's Principles and History of Revolution Examination | Özgür Mutlu Ulus Karadağ |
| 13:30 – 14:10 | Medical English II | |
| 14:20 – 15:00 | Medical English II | |
| 15:10 – 15:50 | Medical English II | |
| 16:00 – 16:40 | Study Time | |

29.05.2012 TUESDAY

| | | |
|---------------|---------------------------------------------------|--------------------|
| 08:30 – 09:10 | Biochemical Aspects of Immunoglobulins | Abdurrahman Coşkun |
| 09:20 – 10:00 | Attention, memory and learning | Cem İncesu |
| 10:10 – 10:50 | Attention, memory and learning | Cem İncesu |
| 11:00 – 11:40 | Biophysics of auditory system | Şule Öncül |
| 11:50 – 12:30 | Biophysics of auditory system | Şule Öncül |
| 13:30 – 14:10 | Multiple Alignment and Phylogenetic Tree Analysis | Sinan Fındık |
| 14:20 – 15:00 | The Genome Project and Genome Analysis | Sinan Fındık |
| 15:10 – 15:50 | The Genome Project and Genome Analysis | Sinan Fındık |
| 16:00 – 17:30 | Study Time | |

30.05.2012 WEDNESDAY

| | | |
|---------------|---------------------------------------------|--------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Electrooculogram Section I | Şule Öncül |
| 10:10 – 10:50 | LAB: Electrooculogram Section I | Şule Öncül |
| 11:00 – 11:40 | LAB: Electrooculogram LAB Section II | Şule Öncül |
| 11:50 – 12:30 | LAB: Electrooculogram LAB Section II | Şule Öncül |
| 13:30 – 14:10 | Turkish Language and Literature Examination | Hülya Dünder Şahin |
| 14:20 – 15:00 | Turkish Language and Literature Examination | Hülya Dünder Şahin |
| 15:10 – 15:50 | Biochemistry of Adipose Tissue | Mustafa Serteser |
| 16:00 – 16:40 | Biochemistry of Adipose Tissue | Mustafa Serteser |

31.05.2012 THURSDAY

| | | |
|---------------|-------------------------------------------------------------|-----------------------------------------------|
| 09:20 – 12:30 | CMPS II: Research in Health Causation in Epidemiology II | Nadi Bakırcı Figen Demir Pınar Topsever |
| 13:30 – 14:10 | The Genome Project and Genome Analysis | Sinan Fındık |
| 14:20 – 15:00 | The Human Genome Project | Sinan Fındık |
| 15:10 – 15:50 | The Human Genome Project | Sinan Fındık |
| 16:00 – 16:40 | Study Time | |

01.06.2012 FRIDAY

| | | |
|---------------|-----------------------------------------------|-----------------------|
| 08:30 – 09:10 | Emotions and Cognition | Kültegin Ögel |
| 09:20 – 10:00 | Emotions and Cognition | Kültegin Ögel |
| 10:10 – 10:50 | Histology of Taste, Buds and Olfactory System | Deniz Yücel |
| 11:00 – 11:40 | Mechanisms of Signal Transduction | Mustafa Serteser |
| 11:50 – 12:30 | Mechanisms of Signal Transduction | Mustafa Serteser |
| 13:30 – 14:10 | Medical English II Course Examination | |
| 14:20 – 15:00 | Medical English II Course Examination | |
| 15:10 – 15:50 | Development of the Eye and the Ear | Gözde Erkanlı Şentürk |
| 16:00 – 16:40 | Development of the Eye and the Ear | Gözde Erkanlı Şentürk |

| 04.06.2012 MONDAY | | |
|-------------------|-----------------------------------------------------------------------|-----------------------------------------|
| 08:30 – 09:10 | Biochemistry of Nervous Tissue | Mustafa Serteser |
| 09:20 – 10:00 | Biochemistry of Nervous Tissue | 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 | Aytül Kızaran |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Small Group Discussion: Introduction to Clinical Chemistry Laboratory | Mustafa Serteser, Abdurrahman Coşkun |
| 16:00 – 16:40 | | |

| 05.06.2012 TUESDAY | | |
|--------------------|----------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Biology of Sleep | Defne Eraslan |
| 10:10 – 10:50 | Stress | Defne Eraslan |
| 11:00 – 11:40 | Histology of the Endocrine Organs | Serap Arbak |
| 11:50 – 12:30 | Histology of the Endocrine Organs | Serap Arbak |
| 13:30 – 14:10 | LAB: Histology of the Endocrine Organs | Serap Arbak |
| 14:20 – 15:00 | LAB: Histology of the Endocrine Organs | Serap Arbak |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 06.06.2012 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 | |

| 07.06.2012 THURSDAY | | |
|---------------------|-----------------------------------------------------------------------------|--|
| | MED 107 Medical Informatics and Biostatistics Subject Committee Examination | |
| 08:30 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 08.06.2012 FRIDAY | | |
|-------------------|-----------------------------------------------|--|
| 08:30 – 09:10 | MED 108 CMPS II Subject Committee Examination | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |



ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

**2011 - 2012
YEAR 2
FALL SEMESTER**

YEAR 2 FALL SEMESTER HOURS and CREDITS

| COURSES | Theoretical Hours | | | Practical Hours | | | Study Time | Total | National credits | ECTS |
|-------------------------------------------------------|-------------------|-----------|------------|-----------------|-------------|------------|------------|------------|------------------|-----------|
| | Lectures | IALS | Sub Total | Lab study | Field study | Sub Total | | | | |
| Cell and Tissue: Homeostasis | 62 | 0 | 62 | 16 | 0 | 16 | 53 | 131 | 5 | 5 |
| Cell and Tissue: Infection and Neoplasia | 90 | 0 | 90 | 16 | 0 | 16 | 71 | 177 | 7 | 7 |
| Hematopoietic and Immune System and Related Disorders | 58 | 9 | 67 | 16 | 0 | 16 | 61 | 144 | 5 | 5 |
| Clinical Medicine and Professional Skills III | 12 | 27 | 39 | 31 | 73 | 104 | 70 | 213 | 7 | 8 |
| Medical Informatics and Biomedical Technologies-I | 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 | 284 | 36 | 320 | 178 | 73 | 251 | 285 | 856 | 32 | 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

YEAR 2 COURSE INFORMATION

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 62 | Credit | ECTS |
|----------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 16 | | |
| Cell and Tissue : Homeostasis | MED 201 | Fall | Study Time (Hour) | 53 | 5 | 5 |

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|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Committee Chairs | : Prof. A. Sesin Kocagöz.; sesin.kocagoz@asg.com.tr Assoc. Prof. Yeşim Işıl Ülman; yesimul@yahoo.com |
| Academic Units & Staff | : <p>Biochemistry Abdurrahman COŞKUN, M.D., Assoc. Prof.</p> <p>Biophysics Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN , Ph.D., Assist. Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>Medical Microbiology Tanıl KOCAGÖZ, M.D. Ph.D., Prof. Sesin KOCAGÖZ, M.D. Prof. Işın AKYAR, M.D., Assist. Prof. Görkem Yaman , MD, Instructor. Hülya KUŞOĞLU, M.D., Instructor.</p> <p>Nuclear Medicine Erkan VARDARELİ, M.D. Prof.</p> <p>Pathology Aydın SAV, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof</p> <p>Physics Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Physiology Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof.</p> <p>Affiliated Faculty Özlem Aydın, M.D., Assoc. Prof.</p> |

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| Course Duration | : 12.9.2011-21.10.2011 |
| 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 “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 | : <p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> gain knowledge about basic principles of physiology of the molecular transport systems and haemodynamic principles <input type="checkbox"/> distinguish types, sources and hazards of radiation <input type="checkbox"/> comprehend microbial metabolism and their pathogenesis in cells and tissues <input type="checkbox"/> classify sterilization and disinfection procedures <input type="checkbox"/> apply culture and microscopy techniques for identification of microorganisms <input type="checkbox"/> be able to define pathological response to tissue and cell injury, mechanisms of tissue repair <input type="checkbox"/> be able to explain and point out the importance of medical biology and genetics in medicine and define the molecular basis of genetic diseases <input type="checkbox"/> practice and review disease causing pathologies <input type="checkbox"/> review the basic concepts of nuclear medicine |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 90 | Credit | ECTS |
|--------------------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 16 | | |
| Cell and Tissue : Infections and Neoplasia | MED 203 | Fall | Study Time (Hour) | 71 | 7 | 7 |

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| 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 |
| Committee Chairs | Prof. Aysel Özpınar; aysel.ozpınar@acibadem.edu.tr Assist. Prof. Özge Can; ozge.can@acibadem.edu.tr |
| Academic Units & Staff | <p>Biochemistry Abdurrahman COŞKUN, M.D., Assoc. Prof. İbrahim ÜNSAL, M.D., Ph.D., Assoc. Prof.</p> <p>Biophysics Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof.</p> <p>Microbiology Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Işın AKYAR, M.D., Assist. Prof. Hülya KUŞOĞLU, M.D., Instructor Görkem Yaman, M.D., Instructor</p> <p>Pathology Aydın SAV, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. Figen Demir, M.D., Assist. Prof.</p> <p>Affiliated Faculty</p> <p>Pharmacology Filiz Onat, M.D., Prof.</p> <p>Pathology Hale KIRIMLIOĞLU, M.D., Assoc. Prof.</p> |
| Course Duration | 24.10.2011-16.12.2011 |
| Educational Methods | Theoretical and Practical Courses, Discussions, Seminars |
| Assessment Methods | Theoretical and Practical Subject Committee Exams, Homework, Presentations, Discussions |
| Course Aims | The purpose of this course is to expand medical students' basic science knowledge to comprehend how certain changes in human body may give rise to disease and to analyze underlying processes of human diseases while developing their scientific skills. |
| Learning Outcomes | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> explain using proper nomenclature, etiology, pathogenesis of diseases, structural and functional changes at tissue, cellular and subcellular level <input type="checkbox"/> explain in detail what happens to cells and tissues in response to abnormal stimuli, <input type="checkbox"/> explain basic principles of protection (immune) systems against microorganisms and foreign molecules <input type="checkbox"/> to define the biochemical aspects of cell death in health and diseases <input type="checkbox"/> to classify infectious microorganisms and define their pathogenic features <input type="checkbox"/> describe bacterial, viral, fungal and parasitic infections and their disease causing mechanisms <input type="checkbox"/> apply laboratory methods for the diagnosis of infectious agents <input type="checkbox"/> define the basic pharmacokinetic and pharmacodynamic principles of drugs |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 58 | Credit | ECTS |
|---------------------------------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 16 | | |
| Hematopoietic and Immune Systems & Related Disorders | MED 205 | Fall | Study Time (Hour) | 61 | 5 | 5 |

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| 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 |
| Committee Chairs | Prof. Siret Ratip; sratip@asg.com.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr |
| Academic Units & Staff | <p>Anatomy Aymelek YALIN, Ph.D., Prof. Aytül Kızaran, M.D. Instructor Elif Nedret KESKİNÖZ, MSc., Instructor.</p> <p>Biochemistry Abdurrahman COŞKUN, M.D., Assoc. Prof. Tamer İNAL, M.D., Assist. Prof. Özge Can , Assist. Prof.</p> <p>Child Health and Disease Cengiz Canpolat, M.D., Prof. Ebru TUĞRUL SARİBEYOĞLU, M.D., Assist. Prof. Ertuğrul ERYILMAZ, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>Haematology: Siret RATIP, M.D., Ph.D., Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Ph.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.</p> <p>Histology and Embryology Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz Yücel, Ph.D., Assist. Prof.</p> <p>Microbiology & Clinical Microbiology: Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Sesin KOCAGÖZ, M.D., Prof. Işın AKYAR, M.D., Assist. Prof.</p> <p>Pathology: Aydın SAV, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof.</p> <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology: Güldal GÜLEÇ, M.D., Ph.D., Prof.</p> <p>Affiliated Faculty</p> <p>Anatomy: Jasna GÜRBÜZ, M.D., Ph.D.</p> <p>Pharmacology Filiz Onat , M.D., Prof.</p> |
| Course Duration | 19.12.2011 - 27.01.2012 |
| Educational Methods | Theoretical and Practical Courses, Discussions, Seminars, Interactive Module |
| Assessment Methods | Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions |
| Course Aims | The aim of this course is to provide an account of the histological, physiological, biochemical and genetic basis of the haematological processes with descriptions of the clinical and laboratory features and management of blood disorders. |

Learning Outcomes

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

- define the basic histological, physiological, biochemical and genetic properties involved in haematological processes
- describe the pathology which occurs when these normal processes are disturbed
- explain the processes that protect our body from infectious agents
- explain the clinical and laboratory features of common blood disorders and their management

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

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof.Tanil KOCAGÖZ tk05-k@tr.net Assist. Prof. Melike ŞAHİNER melike.sahiner@acibadem.edu.tr |
| CMPS Coordinators | Assoc. Prof. Nadi BAKIRCI nadi.bakirci@acibadem.edu.tr Assoc. Prof. Pınar TOPSEVER pınar.topsever@acibadem.edu.tr |
| Academic Units & Staff | <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>History of Medicine and Ethics Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Physical Health and Rehabilitation Ayçe ATALAY, M.D., Assoc. Prof.</p> <p>Pulmonary Medicine Ceyda Erel KIRIŞOĞLU, M.D., Assist. Prof</p> <p>Internal Medicine Eser VARDARELİ, M.D., Assoc. Prof. Serpil SALMAN, M.D., Assoc. Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, MD., Ph.D., Prof.</p> <p>Physiology Güldal GÜLEÇ, M.D., Ph.D., Prof. Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor</p> <p>Affiliated Faculty İnci USER, Ph.D., Assoc. Prof. Yeşim YASİN, MSc. Şirin PARKAN M.D.</p> |
| Course Duration | 13.09.2011-17.01.2012 |
| 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. |

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| <p>Course Aims</p> | <p>This course aims to</p> <p>Clinical and Communication Skills: to provide necessary knowledge and skills about;</p> <ul style="list-style-type: none"> • communication with patients, their relatives and carers and third parties • communication with groups, colleagues in a medical context • history taking (anamnesis) and basic physical examination <p>Health and Society: to create a learning opportunity for students to develop the knowledge and skills related to the prevention and promotion of population health</p> <p>Research in Health: to create a learning opportunity for students to gain knowledge and skills related to planning and conducting a medical research project.</p> |
| <p>Learning Outcomes</p> | <p>By the end of this course, the students will;</p> <p>Clinical and Communication Skills:</p> <ul style="list-style-type: none"> • name the steps and defines the structure of a medical patient interview • demonstrate active listening skills during physician-patient encounter • demonstrate non-verbal communication skills during physician-patient encounter • use empathy in a medical encounter to build up an effective physician-patient relationship • communicate effectively, sensitively and clearly • have established competence in interpersonal communication with individuals from different backgrounds (health status and socio-demographics) • be able to communicate effectively with patients, their relatives/carers to collect and to give correct and necessary information • ensure patient participation in medical decisions and obtain informed consent • be aware of group dynamics and the necessity of team work in health care • demonstrate consultative and scholar communication skills (communication with colleagues and other health care professionals) • display a compassionate and patient-centred approach based on humanistic-ethical values and respect for others when communicating with patients and/or with persons in their social environment • explain how to communicate with groups-public for health education programs • correctly plan and take a complete medical history (anamnesis) • correctly complete the physical examination <p>Health and Society:</p> <ul style="list-style-type: none"> • discuss the principles and application of primary, secondary and tertiary prevention of disease and promotion of health • discuss the relations between different aspect of stratification and health and illness <ul style="list-style-type: none"> - Social class and health - Race/ethnicity and health - Gender and health - Age and health • recognize the role of environmental and occupational hazards in ill health and discuss ways to mitigate their effects • make a field observation about the practice of primary health care • prepare a project proposal to develop and use the appropriate tools for health promotion and prevention <p>Research in Health:</p> <ul style="list-style-type: none"> - formulate a simple relevant research question in biomedical, psychosocial or population science - design an appropriate study or experiment to address the question - plan a data collection method and develop necessary tools depending on the nature of information - explain the ethical and legal issues involved in medical research - write a research proposal |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | Credit | ECTS |
|---------------------------------------------------|---------|---------------------------|-----------------------|--------|------|
| | | | Practical (Hour) | | |
| Medical Informatics and Biomedical Technologies-I | MED 209 | Fall-Spring | 30 | 6 | 6 |
| | | | 98 | | |
| | | | Study Time (Hour) | 30 | 6 |

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| 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 Coordinator | Prof. Tanıl Kocagöz; tk05-k@tr.net |
| Academic Units & Staff | Canan ERZEN, M.D., Prof. Beki KAN, Ph.D., Prof. Aydın SAV, M.D., Prof. Tanıl KOCAGÖZ, M.D., Ph.D., Prof. Çağlar ÇUHADAROĞLU, M.D., Prof. Cengiz YAKICIER, M.D., Assoc. Prof. Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof. Işın AKYAR, M.D., Assist. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Meltem KİLERCİK, M.D. Assist. Prof. Ali TÜRK, M.D., Assist. Prof. Sinan FINDIK, MSc., Instructor Sinem ÖKTEM, MSc. |
| Course Duration | 13.09.2011-28.05.2012 |
| Educational Methods | Theoretical and Practical Courses, Discussions, Seminars |
| Assessment Methods | Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions |
| Course Aims | One of the aims of this course is to provide knowledge about informatics used in medicine which consists of information technologies and bioinformatics. The other main aim of the course is to provide necessary knowledge about technologies used in medicine for diagnosis and treatment. It aims to achieve this goal by giving information about the basic principles to which these technologies are based on and how these scientific principles are turned into diagnostic and therapeutic tools. It also aims to make students evaluate easier the results of medical tests obtained by the diagnostic instruments and stimulate thinking and discussing about developing these technologies and new application areas. |

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| <p>Learning Outcomes</p> | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none">• use Genbank and other biomedical data bases compare genes and their functions• understand how biomarkers can be discovered using bioinformatics• predict protein structure and function from sequence• understand how new drugs are designed by homology modeling• evaluate microarray techniques and how they are used in the diagnosis of cancer and other diseases• learn the principles of synthetic biology <p>will also:</p> <ul style="list-style-type: none">• gain knowledge about the operating systems, computer hardware and software systems• have experience of word processing, presentation and data analysis softwares• have experience on data security• use hospital automation systems• comprehend the role and importance of information technologies (IT) infrastructure for improving the medical science.• practice and review the computer and its application• gain knowledge about the principles of flowcytometry and how it is used in cell differentiation 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• comprehend the principles of image production by X-Ray, ultrasonography, computerized tomography (CT) and magnetic resonance imaging (MRI)• understand the principle of broncoscopy and how it is used for diagnostic and therapeutic purposes• gain knowledge about the applications of polysomnography |
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ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

**YEAR 2
FALL SEMESTER
SCHEDULE**

12.09.2011 MONDAY

| | | |
|---------------|---------------------------------------------------|------------------------------|
| 08:30 – 09:10 | Introduction to the Year 2 | Tanıl Kocagöz-Melike Şahiner |
| 09:20 – 10:00 | Introduction to MED 201 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 | Laboratory Instruments | Abdurrahman Coşkun |
| | | |
| 13:30 – 14:10 | Lab.safety, Collection and transport of specimens | Işın Akyar |
| 14:20 – 15:00 | LAB: Laboratory Safety | Işın Akyar |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

13.09.2011 TUESDAY

| | | |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 08:30 -10:00 | CMPS-III: Research In Health <i>Overview of scientific research</i> | Nadi Bakırçı Figen Demir |
| 10:10 –12:30 | CMPS-III: Research In Health <i>How to do research? An introduction to research process</i> | |
| | | |
| 13:30 -16:40 | CMPS-III: Clinical And Communication Skills The medical interview: What is the purpose of the medical interview? patient-centered approach | Efe Onganer |

14.09.2011 WEDNESDAY

| | | |
|---------------|------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Bacterial classification, Observation of Organisms by Microscopy | Tanıl Kocagöz |
| 10:10 – 10:50 | Introduction to immunology | Tanıl Kocagöz |
| 11:00 – 11:40 | Functions of the cells and organs of the immune system | Mehmet Ergen |
| 11:50 – 12:30 | Functions of the cells and organs of the immune system | Mehmet Ergen |
| | | |
| 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 | |

15.09.2011 THURSDAY

| | | |
|---------------|------------------------------------------------|---------------|
| 08:30 – 09:10 | Innate Immunity | Sesin Kocagöz |
| 09:20 – 10:00 | Microbial Growth Cultivation of Microorganisms | Sesin Kocagöz |
| 10:10 – 10:50 | Microbial Growth Cultivation of Microorganisms | Sesin Kocagöz |
| 11:00 – 11:40 | LAB: Culturing microorganisms | Sesin 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 | |

16.09.2011 FRIDAY

| | | |
|---------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | Complement System | Tanıl Kocagöz |
| 09:20 – 10:00 | Antigens | Tanıl Kocagöz |
| 10:10 – 10:50 | LAB: Microscopic examination of microorganisms | Sesin Kocagöz, Tanıl Kocagöz |
| 11:00 – 11:40 | LAB: Microscopic examination of microorganisms | Sesin Kocagöz, Tanıl Kocagöz |
| 11:50 – 12:30 | Study Time | |
| | | |
| 13:30 – 14:10 | | Group A: Lab visit: Mustafa Serteser, Abdurrahman Coşkun, Işın Akyar Group B: Sinan Fındık, |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Group A: Introduction to Clinical Laboratory; Laboratory Instruments Group B Bioinformatics (schedule-welcome session) | |
| 16:00 – 16:40 | | |

| 19.09.2011 MONDAY | | |
|-------------------|--------------------------------------------------------------------------|------------------------|
| 08:30 – 09:10 | Adaptive Immunity | Tanıl Kocagöz |
| 09:20 – 10:00 | Adaptive Immunity | Tanıl Kocagöz |
| 10:10 – 10:50 | Electromagnetic spectrum | Şule Öncül |
| 11:00 – 11:40 | Radioactivity: the decay law, physical half-life, biological half life ? | Devrim Öz Arslan |
| 11:50 – 12:30 | Intro to Functional Genomics | Sinan Fındık |
| | | |
| 13:30 – 14:10 | Nucleic Acid amplification | Cemaliye Akyerli Boylu |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 20.09.2011 TUESDAY | | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 08:30 – 12:30 | CMPS-III: Research In Health <i>Formulating a research question</i> | Figen Demir Pınar Topsever |
| | | |
| 13:30 – 16:40 | CMPS-III: Clinical And Communication Skills The medical interview-I: biomedical information (anamnesis - medical history taking) ; shared decision making and closure | Pınar Topsever, Şirin Parkan, Demet Dinç, Efe Onganer |

| 21.09.2011 WEDNESDAY | | |
|----------------------|-----------------------------------|--------------------|
| 08:30 – 09:10 | Biochemical aspects of cell death | Abdurrahman Coşkun |
| 09:20 – 10:00 | Antibodies | Tanıl Kocagöz |
| 10:10 – 10:50 | Antibodies | Tanıl Kocagöz |
| 11:00 – 11:40 | Immunological diagnostic tools | Işın Akyar |
| 11:50 – 12:30 | Introduction to Pathology | Aydın Sav |
| | | |
| 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 | |

| 22.09.2011 THURSDAY | | |
|---------------------|----------------------------|--------------|
| 08:30 – 09:10 | Cell injury and death | Aydın Sav |
| 09:20 – 10:00 | Cell injury and death | Aydın Sav |
| 10:10 – 10:50 | LAB: Cell injury and death | Aydın Sav |
| 11:00 – 11:40 | LAB: Immunological tests | Görkem Yaman |
| 11:50 – 12:30 | LAB: Immunological tests | Görkem Yaman |
| | | |
| 13:30 – 14:10 | Medical English-III | |
| 14:20 – 15:00 | Medical English-III | |
| 15:10 – 15:50 | Elective Course-III | |
| 16:00 – 16:40 | Elective Course-III | |

| 23.09.2011 FRIDAY | | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Introduction to pharmacology and toxicology | İsmail Hakkı Ulus |
| 10:10 – 10:50 | Immune disorders: Hypersensitivity reactions | Görkem Yaman |
| 11:00 – 11:40 | Immune disorders: Autoimmunity and immune deficiencies | Hülya Kuşoğlu |
| 11:50 – 12:30 | Study Time | |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Group B: Introduction to Clinical Laboratory; Laboratory Instruments Group A Bioinformatics (schedule-welcome session) | Group B: Lab visit: Mustafa Serteser, Abdurrahman Coşkun, Işın Akyar Group A: Sinan Fındık, |
| 16:00 – 16:40 | | |

| 26.09.2011 MONDAY | | |
|-------------------|---------------------------------------------------------|------------|
| 08:30 – 09:10 | Types of radiation | Beki Kan |
| 09:20 – 10:00 | Types of radiation | Beki Kan |
| 10:10 – 10:50 | Adaptive cell reactions and abnormal accumulations | Aydın Sav |
| 11:00 – 11:40 | LAB: Adaptive cell reactions and abnormal accumulations | Aydın Sav |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Pharmacokinetics: Drug absorption and distribution | Filiz Onat |
| 14:20 – 15:00 | Pharmacokinetics: Drug metabolism and elimination | Filiz Onat |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 27.09.2011 TUESDAY | | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| 08:30 – 12:30 | CMPS-III: Research in Health <i>Study Design</i> | Nadi Bakırcı Figen Demir |
| 13:30 – 16:40 | CMPS-III: Clinical And Communication Skills Physical examination-I: introduction to methodology, evaluation of general condition of a patient | Melike Şahiner |

| 28.09.2011 WEDNESDAY | | |
|----------------------|----------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Tissue renewal and repair: regeneration, healing, and fibrosis | Aydın Sav |
| 11:00 – 11:40 | Tissue renewal and repair: regeneration, healing, and fibrosis | Aydın Sav |
| 11:50 – 12:30 | Dosimetry, basic concepts | Devrim Öz Arslan |
| 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 | |

| 29.09.2011 THURSDAY | | |
|---------------------|---------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | LAB: Tissue renewal and repair: regeneration, healing, and fibrosis | Aydın Sav |
| 09:20 – 10:00 | LAB: Tissue renewal and repair: regeneration, healing, and fibrosis | Aydın Sav |
| 10:10 – 10:50 | Haemodynamic disorders | Aydın Sav |
| 11:00 – 11:40 | Interaction of radiation with matter | Beki Kan |
| 11:50 – 12:30 | Molecular and radiobiological behaviour | Devrim Öz Arslan |
| 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 | |

| 30.09.2011 FRIDAY | | |
|-------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | MED 201 MID-COMMITTEE EXAMINATION | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | Effects of ionizing radiation on cell and organism | Devrim Öz Arslan |
| 11:00 – 11:40 | Thromboembolic disease | Aydın Sav |
| 11:50 – 12:30 | Thromboembolic disease | Aydın Sav |
| 13:30 – 14:10 | Group A: Nucleic Acid Amplification Group B: Bioinformatics (intro to functional genomics) | Group A: Cemaliye Akyerli Boylu, Tanıl Kocagöz, Sinem Öktem, Nihan Aytekin Group B: Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 03.10.2011 MONDAY | | |
|-------------------|----------------------------------------------|-------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Haemodynamic disorders | Aydın Sav |
| 10:10 – 10:50 | LAB: Thromboembolic disease | Aydın Sav |
| 11:00 – 11:40 | Pharmacodynamics: Principles of drug actions | İsmail Hakkı Ulus |
| 11:50 – 12:30 | Bioarray Technologies | Sinan Fındık |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 04.10.2011 TUESDAY | | |
|--------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS-III: Research In Health <i>Study Design</i> | 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, Şirin Parkan , Serpil Salman |

| 05.10.2011 WEDNESDAY | | |
|----------------------|--------------------------------|---------------|
| 08:30 – 09:10 | Sterilization and disinfection | Görkem Yaman |
| 09:20 – 10:00 | Sterilization and disinfection | Görkem Yaman |
| 10:10 – 10:50 | Microbial genetics | Tanıl Kocagöz |
| 11:00 – 11:40 | Microbial genetics | Tanıl Kocagöz |
| 11:50 – 12:30 | Study Time | |
| 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 | |

| 06.10.2011 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 | From pathology to disease-I | Pınar Topsever |
| 11:50 – 12:30 | From pathology to disease-I | Pınar Topsever |
| 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 | |

| 07.10.2011 FRIDAY | | |
|-------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | Opening Ceremony | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Group B: Nucleic Acid Amplification Group A: Bioinformatics ((Microarray Bioinformatics) | Group B: Cemaliye Akyerli Boylu; Tanıl Kocagöz; Sinem Öktem; Nihan Aytekin Group A: Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 10.10.2011 MONDAY | | |
|-------------------|-------------------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Pharmacodynamics:drug receptor interactions and dose-response relations | İsmail Hakkı Ulus |
| 09:20 – 10:00 | Pharmacodynamics:drug receptor interactions and dose-response relations | İsmail Hakkı Ulus |
| 10:10 – 10:50 | Microbial pathogenesis | Sesin Kocagöz |
| 11:00 – 11:40 | Microbial pathogenesis | Sesin Kocagöz |
| 11:50 – 12:30 | Electrophoresis | Tanıl Kocagöz |
| 13:30 – 14:10 | Molecular imaging, basic concepts | Levent Güner |
| 14:20 – 15:00 | Acute inflammatory response | Aydın Sav |
| 15:10 – 15:50 | Acute inflammatory response | Aydın Sav |
| 16:00 – 16:40 | LAB: Acute inflammatory response | Aydın Sav |

| 11.10.2011 TUESDAY | | |
|--------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 08:30 –12:30 | CMPS-III: Research In Health <i>Study Design</i> | İsmail Hakkı Ulus Melike Şahiner Nadi Bakırcı |
| 13:30 –16:40 | CMPS-III: Clinical And Communication Skills Physical examination-III: thorax, cardiac and circulatory systems | Pınar Topsever, Efe Onganer, Demet Dinç , Melike Şahiner, Ceyda Erel Kirişoğlu, Şirin Parkan |

| 12.10.2011 WEDNESDAY | | |
|----------------------|-----------------------------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Antimicrobial agents, mechanisms of action and resistance | Tanıl Kocagöz |
| 10:10 – 10:50 | Antimicrobial agents, mechanisms of action and resistance | Tanıl Kocagöz |
| 11:00 – 11:40 | Antimicrobial agents, mechanisms of action and resistance | 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 | |

| 13.10.2011 THURSDAY | | |
|---------------------|---------------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Factors affecting drug actions | İsmail Hakkı Ulus |
| 10:10 – 10:50 | Pharmacogenetics: receptors, transporters and enzymes polymorphisms | İsmail Hakkı Ulus |
| 11:00 – 11:40 | LAB: Antibiotic Susceptibility Test (Application) | Hülya Kuşoğlu |
| 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 | |

| 14.10.2011 FRIDAY | | |
|-------------------|-----------------------------------------------------|----------------------------------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Drug interactions | Filiz Onat |
| 10:10 – 10:50 | Drug interactions | Filiz Onat |
| 11:00 – 11:40 | LAB: Antibiotic Susceptibility Test (Evaluation) | Hülya Kuşoğlu |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Group A: Electrophoresis | Group A: Cemaliye Akyerli Boylu; Tanıl Kocagöz; Sinem Öktem; Nihan Aytekin |
| 16:00 – 16:40 | Group B: Bioinformatics (Microarray Bioinformatics) | Group B: Sinan Fındık |

| 17.10.2011 MONDAY | | |
|----------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | CMPS-III: Research In Health <i>Data collection methods/tools</i> | Pınar Topsever Figen Demir |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | CMPS III: Clinical And Communication Skills <i>Physical examination-IV: GIS</i> | Pınar Topsever, Efe Onganer, Demet Dinç , Melike Şahiner, Ayça Atalay, Şirin Parkan |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |
| 18.10.2011 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 | |
| 19.10.2011 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 | |
| 20.10.2011 THURSDAY | | |
| 08:30 – 09:10 | MED 201 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 | | |
| 21.10.2011 FRIDAY | | |
| 08:30 – 09:10 | MED 201 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 | | |



| 24.10.2011 MONDAY | | |
|-------------------|--------------------------------------------|------------------------|
| 08:30 – 09:10 | Introduction to MED 203 Subject Committee | Aysel Özpınar-Özge Can |
| 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 | Experiment Design / Plan | Sinan Fındık |
| 13:30 – 14:10 | Gram negative cocci | Hülya Kuşoğlu |
| 14:20 – 15:00 | LAB: Identification of Gram positive cocci | Sesin Kocagöz |
| 15:10 – 15:50 | LAB: Identification of Gram positive cocci | Sesin Kocagöz |
| 16:00 – 16:40 | LAB: Identification of Gram negative cocci | Onur Karatuna |

| 25.10.2011 TUESDAY | | |
|--------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 08:30 –12:30 | CMPS-III: Research In Health <i>Research ethics</i> <i>Writing a research proposal</i> | Yeşim Ülman Nadi Bakırcı Figen Demir Güldal Güleç |
| 13:30 –16:40 | CMPS-III: Clinical And Communication Skills <i>Physical examination-V</i> | Pınar Topsever, Efe Onganer, Melike Şahiner, Şirin Parkan, Demet Dinç, Eser Vardareli |

| 26.10.2011 WEDNESDAY | | |
|----------------------|--------------------------------------------|--------------------|
| 08:30 – 09:10 | HACEK, Haemophilus, Bordatella, Legionella | Işın Akyar |
| 09:20 – 10:00 | HACEK, Haemophilus, Bordatella, Legionella | Işın Akyar |
| 10:10 – 10:50 | Prostaglandins | Abdurrahman Coşkun |
| 11:00 – 11:40 | Prostaglandins | Abdurrahman Coşkun |
| 11:50 – 12:30 | Tissue responses to infections | Hale Kırımlioğlu |
| 13:30 – 14:10 | Chronic inflammatory response | Aydın Sav |
| 14:20 – 15:00 | Medical English-III | |
| 15:10 – 15:50 | Medical English-III | |
| 16:00 – 16:40 | Medical English-III | |

| 27.10.2011 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 | |

| 28.10.2011 FRIDAY | | |
|-------------------|---------------------------------------------------------------|--------------|
| 08:30 – 09:10 | Penicillins, cephalosporins and other beta-lactam antibiotics | Filiz Onat |
| 09:20 – 10:00 | Thermoregulatory functions of the hypothalamus | Güldal Güleç |
| 10:10 – 10:50 | Thermoregulatory functions of the hypothalamus | Güldal Güleç |
| 11:00 – 11:40 | Environmental Pathology | Aydın Sav |
| 11:50 – 12:30 | Environmental Pathology | 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 | |

| 31.10.2011 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 | Fuorescence Applications in Medicine | Şule Öncül |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | General pathology of bacterial infections | Hale Kırımlıoğlu |
| 14:20 – 15:00 | General pathology of bacterial infections | Hale Kırımlıoğlu |
| 15:10 – 15:50 | General pathology of viral infections | Aydın Sav |
| 16:00 – 16:40 | Study Time | |

| 01.11.2011 TUESDAY | | |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS III: Clinical And Communication Skills Communicating with colleagues and others Communicating with the community | Pınar Topsever |
| 13:30 – 16:40 | CMPS III: Clinical And Communication Skills Physical examination VI: Putting it all Together History Taking and Systemic General Physical Examination | Pınar Topsever, Efe Onganer, Demet Dinç, Melike Şahiner, Şirin Parkan |

| 02.11.2011 WEDNESDAY | | |
|----------------------|--------------------------------------------|-----------------------------|
| 08:30 – 09:10 | LAB: Identification of Gram (-) bacilli | Görkem Yaman, Hülya Kuşoğlu |
| 09:20 – 10:00 | LAB: Identification of Gram (-) bacilli | Görkem Yaman, Hülya Kuşoğlu |
| 10:10 – 10:50 | Neoplasia: Nomenclature | Aydın Sav |
| 11:00 – 11:40 | Neoplasia: Definition and Biology of Tumor | Aydın Sav |
| 11:50 – 12:30 | Neoplasia: Definition and Biology of Tumor | Aydın Sav |
| 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 | |

| 03.11.2011 THURSDAY | | |
|---------------------|---------------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Brucella | Tanıl Kocagöz |
| 09:20 – 10:00 | Epidemiology of infectious diseases | Figen Demir |
| 10:10 – 10:50 | Aminoglycosides | İsmail Hakkı Ulus |
| 11:00 – 11:40 | Protein synthesis inhibitors and miscellaneous antimicrobial agents | Filiz Onat |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Medical English | |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Elective Course-III | |
| 16:00 – 16:40 | Elective Course-III | |

| 04.11.2011 FRIDAY | | |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Yersinia, Francisella, Pasteurella, Vibrio, Camphylobacter | Işın Akyar |
| 10:10 – 10:50 | Yersinia, Francisella, Pasteurella, Vibrio, Camphylobacter | Işın Akyar |
| 11:00 – 11:40 | Temperature transducers, thermography | Beki Kan |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Group A: Lab Visit Microbiology; Molecular Microbiology, Biochemistry, Group B: Bioinformatics (From molecules and Diseases) Group B: Bioinformatics (OMIM- A Directory of Human Genes and Genetic Disorders) | Group A: Işın Akyar, Tanıl Kocagöz, Mustafa Serteser Group B: Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 07.11.2011 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 | | |

| 08.11.2011 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 | | |

| 09.11.2011 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 | | |

| 10.11.2011 THURSDAY | | |
|---------------------|--------------------------|--|
| 08:30 – 09:10 | CONMEMORATION of ATATÜRK | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 11.11.2011 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 | |

14.11.2011 MONDAY

| | | |
|---------------|-----------------------------------------------------------|----------------------------------|
| 08:30 – 09:10 | Anaerobic bacteria | Sesin Kocagöz |
| 09:20 – 10:00 | Anaerobic bacteria | Sesin Kocagöz |
| 10:10 – 10:50 | LAB: Identification Anaerobic Bacteria | Onur Karatuna |
| 11:00 – 11:40 | Study Time | |
| 11:50 – 12:30 | Pharmacogenomics | Sinan Fındık |
| 13:30 – 14:10 | Group B: Electrophoresis | Group B: Cemaliye Akyerli Boylu; |
| 14:20 – 15:00 | Group A: Bioinformatics (Molecules and Diseases) | Tanıl Kocagöz; Sinem Öktem; |
| 15:10 – 15:50 | Group A: Bioinformatics (OMIM- A Directory of Human Genes | Nihan Aytekin |
| 16:00 – 16:40 | and Genetic Disorders)v | Group A: Sinan Fındık |

15.11.2011 TUESDAY

| | | |
|--------------|------------------------------------------------------------------|--------------------------------------------------------------------------|
| 08:30 –12:30 | CMPS III: Clinical And Communication Skills Procedural skills | Pınar Topsever, Efe Onganer, Demet Dinç, Melike Şahiner, Şirin Parkan |
| 13:30 –16:40 | CMPS III: Clinical And Communication Skills Procedural skills | Pınar Topsever, Efe Onganer, Demet Dinç, Melike Şahiner, Şirin Parkan |

16.11.2011 WEDNESDAY

| | | |
|---------------|-----------------------------------------------------|-------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Cancer Chemotherapeutics | Filiz Onat |
| 10:10 – 10:50 | Cancer Chemotherapeutics | Filiz Onat |
| 11:00 – 11:40 | Neoplasia: Molecular basis of cancer | Aydın Sav |
| 11:50 – 12:30 | Neoplasia: Molecular basis of cancer | Aydın Sav |
| 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 | |

17.11.2011 THURSDAY

| | | |
|---------------|----------------------------------------|--------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Spirochetes | Görkem Yaman |
| 10:10 – 10:50 | Spirochetes | Görkem Yaman |
| 11:00 – 11:40 | Heat and temperature and heat transfer | Beki Kan |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Medical English | |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Elective Course-III | |
| 16:00 – 16:40 | Elective Course-III | |

18.11.2011 FRIDAY

| | | |
|---------------|------------------------------------------------------------------------------|---------------------------------------------------------|
| 08:30 – 09:10 | Mycobacteria; Nocardia and Actinomyces | Tanıl Kocagöz |
| 09:20 – 10:00 | Mycobacteria; Nocardia and Actinomyces | Tanıl Kocagöz |
| 10:10 – 10:50 | Chemotherapy of tuberculosis and leprosy | İsmail Hakkı Ulus |
| 11:00 – 11:40 | LAB: Identification of Mycobacteria and Nocardia, Actinomycetes | Tanıl Kocagöz |
| 11:50 – 12:30 | LAB: Identification of Mycobacteria and Nocardia, Actinomycetes | Tanıl Kocagöz |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Group B: Lab Visit Microbiology; Molecular Microbiology, Biochemistry, | Group B: Işın Akyar, Tanıl Kocagöz, Mustafa Serteser |
| 15:10 – 15:50 | Group A: Bioinformatics (The NCBI Bookshelf: Searchable Biomedical Books) | Group A: Sinan Fındık |
| 16:00 – 16:40 | | |

| 21.11.2011 MONDAY | | |
|-------------------|------------------------------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Mycoplasma, Chlamydia, Rickettsiae | Işın Akyar |
| 09:20 – 10:00 | Mycoplasma, Chlamydia, Rickettsiae | Işın Akyar |
| 10:10 – 10:50 | General pathology of chlamydial, mycoplasmal and rickettsial infections | Hale Kırımlioğlu |
| 11:00 – 11:40 | MED 209 Medical Informatics and Biomedical Technologies - I Mid - Committee Examination | |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Neoplasia: Epidemiology and Etiopathogenesis | Aydın Sav |
| 14:20 – 15:00 | Cancer Epidemiology and Etiology | Nadi Bakırcı |
| 15:10 – 15:50 | Cancer Prevention (Periodical Health Examination and Screening) | Pınar Topsever |
| 16:00 – 16:40 | Study Time | |

| 22.11.2011 TUESDAY | | |
|--------------------|----------------------------------------------------------|------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Mechanisms of Neoplasia and Tumor Markers | İbrahim Ünsal |
| 11:50 – 12:30 | Mechanisms of Neoplasia and Tumor Markers | İbrahim Ünsal |
| 13:30 – 14:10 | CMPS III : Clinical And Communication Skills | |
| 14:20 – 15:00 | Physical examination VI: | Pınar Topsever, Efe Onganer, Demet Dinç, |
| 15:10 – 15:50 | Midterm Exam Day | Melike Şahiner, Şirin Parkan |
| 16:00 – 16:40 | History Taking and Systemic General Physical Examination | |

| 23.11.2011 WEDNESDAY | | |
|----------------------|------------------------------------------|------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Cancer Chemotherapeutics | Filiz Onat |
| 11:00 – 11:40 | Cancer Chemotherapeutics | Filiz Onat |
| 11:50 – 12:30 | Application of heat and cold in medicine | Beki Kan |
| 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 | |

| 24.11.2011 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 | | |
| 14:20 – 15:00 | MED 203 MID-COMMITTEE EXAMINATION | |
| 15:10 – 15:50 | Elective Course-III | |
| 16:00 – 16:40 | Elective Course-III | |

| 25.11.2011 FRIDAY | | |
|-------------------|---------------------------------------------------------------------------|------------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | DNA viruses | Tanıl Kocagöz |
| 11:50 – 12:30 | DNA viruses | Tanıl Kocagöz |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Group A: Lab Visit Hematology, Genetics, Pathology | Group A: Meltem Kilercik, Cengiz Yakicier, Aydın Sav |
| 15:10 – 15:50 | Group B: Bioinformatics (The NCBI Bookshelf: Searchable Biomedical Books) | Group B: Sinan Fındık |
| 16:00 – 16:40 | | |

28.11.2011 MONDAY

| | | |
|---------------|------------------------------------------------|-----------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Introduction to CMPS-III: Health and Society | Nadi Bakırcı |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | <i>Health promotion and disease prevention</i> | Figen Demir, Pınar Topsever |
| | | |
| 13:30 – 14:10 | DNA viruses | Tanıl Kocagöz |
| 14:20 – 15:00 | DNA viruses | Tanıl Kocagöz |
| 15:10 – 15:50 | LAB: Environmental Pathology | Aydın Sav |
| 16:00 – 16:40 | LAB: General pathology of viral infections | Aydın Sav |

29.11.2011 TUESDAY

| | | |
|---------------|-------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | CMPS-III: Health and Society | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | <i>Health and illness behaviour</i> | İnci User |
| | | |
| 13:30 – 14:10 | RNA viruses | Sesin Kocagöz |
| 14:20 – 15:00 | RNA viruses | Sesin Kocagöz |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

30.11.2011 WEDNESDAY

| | | |
|---------------|---------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | RNA viruses | Sesin Kocagöz |
| 10:10 – 10:50 | RNA viruses | Sesin Kocagöz |
| 11:00 – 11:40 | Oncogenic viruses | 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 | |

01.12.2011 THURSDAY

| | | |
|---------------|------------------------------|-------------------------|
| 08:30 – 09:10 | Yeasts and Moulds | Sesin Kocagöz |
| 09:20 – 10:00 | Yeasts and Moulds | Sesin Kocagöz |
| 10:10 – 10:50 | Yeasts and Moulds | Sesin Kocagöz |
| 11:00 – 11:40 | LAB: Identification of fungi | Işın Akyar, Sinem Öktem |
| 11:50 – 12:30 | LAB: Identification of fungi | Işın Akyar, Sinem Öktem |
| | | |
| 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 | |

02.12.2011 FRIDAY

| | | |
|---------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | General pathology of fungal infections | Hale Kırımlıoğlu |
| 10:10 – 10:50 | Antifungal agents | İsmail Hakkı Ulus |
| 11:00 – 11:40 | Antiviral agents | İsmail Hakkı Ulus |
| 11:50 – 12:30 | Slow viruses and prions | Hülya Kuşoğlu |
| | | |
| 13:30 – 14:10 | Group B: Lab Visit Hematology, Genetics, Pathology Group A: Bioinformatics (Computer aided drug design) | Group B: Meltem Kilercik, Cengiz Yakıcıer, Aydın Sav Group A: Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 05.12.2011 MONDAY | | |
|-------------------|----------------------------------------------------------|---------------|
| 08:30 – 09:10 | Immunity to infections | Tanıl Kocagöz |
| 09:20 – 10:00 | Immunity to infections | Tanıl Kocagöz |
| 10:10 – 10:50 | Tumor immunology | Aydın Sav |
| 11:00 – 11:40 | Neoplasia: tumor immunity and clinical features of tumor | Aydın Sav |
| 11:50 – 12:30 | Browsing Genomes with Ensemble | Sinan Fındık |
| | | |
| 13:30 – 14:10 | Protozoa | Işın Akyar |
| 14:20 – 15:00 | Protozoa | Işın Akyar |
| 15:10 – 15:50 | Protozoa | Işın Akyar |
| 16:00 – 16:40 | Study Time | |

| 06.12.2011 TUESDAY | | |
|--------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 08:30 – 09:10 | CMPS-III: Health and Society | Nadi Bakırcı, Figen Demir, Pınar Topsever, Demet Dinç, Şirin Parkan, Güldal Güleç |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | <i>Site visit Health promotion and prevention / PHC level</i> | Nadi Bakırcı, Figen Demir, Pınar Topsever, Demet Dinç, Şirin Parkan, Güldal Güleç |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 07.12.2011 WEDNESDAY | | |
|----------------------|-------------------------------------------|------------|
| 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 | General pathology of parasitic infections | Aydın Sav |
| 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 | |

| 08.12.2011 THURSDAY | | |
|---------------------|-----------------------------------------------------------------|-------------------|
| 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 | LAB: Tumors and tumor like lesions | Aydın Sav |
| 11:00 – 11:40 | Chemotherapy of parasitic (protozoal and helminthic) infections | İsmail Hakkı Ulus |
| 11:50 – 12:30 | Chemotherapy of parasitic (protozoal and helminthic) 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 | |

| 09.12.2011 FRIDAY | | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | LAB Identification of blood parasites | Işın Akyar |
| 09:20 – 10:00 | LAB Identification of blood parasites | Işın Akyar |
| 10:10 – 10:50 | LAB:Identification of intestinal parasites | Işın Akyar |
| 11:00 – 11:40 | LAB:Identification of intestinal parasites | Işın Akyar |
| 11:50 – 12:30 | Autopsy | Aydın Sav |
| | | |
| 13:30 – 14:10 | Group A: Laboratory practice in selected laboratories: Microbiology, Molecular Microbiology, Biochemistry, Hematology, Genetics, Pathology Group B: Bioinformatics (Computer-aided Drug Design) | Group A: Işın Akyar, Tanıl Kocagöz, Mustafa Serteser, Meltem Kilercik, Cengiz Yakıcıer, Aydın Sav Group B: Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 12.12.2011 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 | |

| 13.12.2011 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 | |

| 14.12.2011 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 | |
| | Study Time | |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 15.12.2011 THURSDAY | | |
|---------------------|-------------------------------------------------|--|
| 08:30 – 09:10 | MED 203 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 | | |

| 16.12.2011 FRIDAY | | |
|-------------------|---------------------------------------------------|--|
| 08:30 – 09:10 | MED 203 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 | | |

| 19.12.2011 MONDAY | | |
|-------------------|-------------------------------------------|--------------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Introduction to MED 205 Subject Committee | Siret Ratip – Cemaliye Akyerli Boylu |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Anatomy of the Lymphatic System | Aytül Kızaran |
| 11:50 – 12:30 | UniProtKB, Interprot and IntAct | Sinan Fındık |
| | | |
| 13:30 – 14:10 | Histology of Lymphatic Organs | Serap Arbak |
| 14:20 – 15:00 | Histology of Lymphatic Organs | Serap Arbak |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 20.12.2011 TUESDAY | | |
|--------------------|---------------------------------------|--|
| 08:30 – 16:40 | CMPS-III: <i>Procedural Skills</i> | |

| 21.12.2011 WEDNESDAY | | |
|----------------------|-------------------------------------|--------------|
| 08:30 – 09:10 | Histology of Blood Cells | Serap Arbak |
| 09:20 – 10:00 | Functions of Erythrocytes | Güldal Güleç |
| 10:10 – 10:50 | Biochemical Features of Blood Cells | Tamer İnal |
| 11:00 – 11:40 | Biochemical Features of Blood Cells | Tamer İnal |
| 11:50 – 12:30 | Study Time | |
| | | |
| 13:30 – 14:10 | LAB: Histology of Blood Cells | Serap Arbak |
| 14:20 – 15:00 | LAB: Histology of Blood Cells | Serap Arbak |
| 15:10 – 15:50 | Medical English-III | |
| 16:00 – 16:40 | Medical English-III | |

| 22.12.2011 THURSDAY | | |
|---------------------|---------------------------------------------------|-----------------------|
| 08:30 – 09:10 | Hematopoiesis and Development of Lymphatic Organs | Gözde Erkanlı Şentürk |
| 09:20 – 10:00 | Hematopoiesis and Development of Lymphatic Organs | Deniz Yücel, |
| 10:10 – 10:50 | LAB: Lymphatic System GR-A | Aytül Kızaran |
| 11:00 – 11:40 | LAB: Lymphatic System GR-B | Aytül Kızaran |
| 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 | |

| 23.12.2011 FRIDAY | | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Oxygen Transport | Tamer İnal |
| 11:50 – 12:30 | Oxygen Transport | Tamer İnal |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Group B: Laboratory practice in selected laboratories: Microbiology, Molecular Microbiology, Biochemistry, Hematology, Genetics, Pathology | Group B: Işın Akyar, Tanıl Kocagöz, Mustafa Serteser, Meltem Kilercik, Cengiz Yakıcıer, Aydın Sav |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | Group A: Bioinformatics (BioMart) | Group A: Sinan Fındık |

| 26.12.2011 MONDAY | | |
|-------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 08:30 – 09:10 | CMPS III: Health and Society <i>Environment, Work and Health</i> | Nadi Bakırcı, Figen Demir, Pınar Topsever, Efe Onganer, Şirin Parkan, Güldal Güleç |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 27.12.2011 MONDAY | | |
|-------------------|--------------------------------------------------------------------------------------------|--------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Blood groups | Güldal Güleç |
| 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 | | |
| 13:30 – 14:10 | CMPS III: Health and Society <i>Population groups, social stratification and health</i> | İnci User Yeşim Yasin |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 28.12.2011 WEDNESDAY | | |
|----------------------|-----------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Hematopoetic drugs: Growth factors, minerals and vitamins | İsmail Hakkı Ulus |
| 10:10 – 10:50 | Mechanisms of major Anemias | Tamer İnal |
| 11:00 – 11:40 | Mechanisms of major Anemias | Tamer İnal |
| 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 | |

| 29.12.2011 THURSDAY | | |
|---------------------|-----------------------------------|-------------------|
| 08:30 – 09:10 | Approach to a patient with anemia | Ertuğrul Eryılmaz |
| 09:20 – 10:00 | Megaloblastic anemia | Siret Ratip |
| 10:10 – 10:50 | LAB: Blood Cells | |
| 11:00 – 11:40 | LAB: Blood Cells | |
| 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 | |

| 30.12.2011 FRIDAY | | |
|-------------------|-------------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | Clinical Presentation of Hematopoietic System Disorders in primary care | Pınar Topsever |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| 13:30 – 14:10 | BI & BT General Review and Study Time | Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 02.01.2012 MONDAY | | |
|-------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | CMPS-III: Research in Health | Nadi Bakırcı, Figen Demir, Pınar Topsever Melike Şahiner, Tanıl Kocagöz, Güldal Güleç Çağlar Çuhadaroğlu, Dilaver Kaya Işıl Pakişi, Özlem Sezgin Meriçliler Cemaliye Akyerli Boylu, Mehmet Ergen, Sinan Dağdelen, Sesin Kocagöz |
| 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 | <i>Research proposal presentations</i> (Group A) | |
| 16:00 – 16:40 | | |

| 03.01.2012 TUESDAY | | |
|--------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS-III: Research in Health | Nadi Bakırcı, Figen Demir, Pınar Topsever Melike Şahiner, Tanıl Kocagöz, Güldal Güleç Çağlar Çuhadaroğlu, Dilaver Kaya Işıl Pakişi, Özlem Sezgin Meriçliler Cemaliye Akyerli Boylu, Mehmet Ergen, Sinan Dağdelen, Sesin Kocagöz |
| 13:30 – 16:40 | <i>Research proposal presentations</i> (Group B) | |

| 04.01.2012 WEDNESDAY | | |
|----------------------|--------------------------------------------------------------|-------------------------|
| 08:30 – 09:10 | Non-Immune Hemolytic Anemia | Ebru Tuğrul Sarıbeyoğlu |
| 09:20 – 10:00 | Immune Hemolytic Anemia and Hemolytic Disease of the Newborn | Ebru Tuğrul Sarıbeyoğlu |
| 10:10 – 10:50 | LAB: Blood groups | Güldal Güleç |
| 11:00 – 11:40 | LAB: Blood groups | Güldal Güleç |
| 11:50 – 12:30 | Prep for IM | |
| | | |
| 13:30 – 14:10 | Prep for IM | |
| 14:20 – 15:00 | Medical English-III | |
| 15:10 – 15:50 | Medical English-III | |
| 16:00 – 16:40 | Medical English-III | |

| 05.01.2012 THURSDAY | | |
|---------------------|------------------------------------------|--------------|
| 08:30 – 09:10 | MED 205 MID-COMMITTEE EXAMINATION | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | Trombophilia |
| 11:50 – 12:30 | Sickle cell anemia | Siret Ratip |
| | | |
| 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 | |

| 06.01.2012 FRIDAY | | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | Lymphoreticular system Infections Part I Acquired immunodeficiency syndrome, Infectious mononucleosis, Cytomegalovirus | Sesin Kocagöz |
| 09:20 – 10:00 | Lymphoreticular system Infections Part II Brucellosis, Cat-scratch fever, Epidemic hemorrhagic fever | Sesin Kocagöz |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| | | |
| 13:30 – 14:10 | Biomedical Technologies, Bioinformatics Midterm Exam II | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 09.01.2012 MONDAY | | |
|-------------------|-----------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | | İnci User |
| 09:20 – 10:00 | | Figen Demir |
| 10:10 – 10:50 | | Nadi Bakırcı |
| 11:00 – 11:40 | CMPS-III: Health and Society <i>Workshop for project proposals</i> | Güldal Güleç |
| 11:50 – 12:30 | | Pınar Topsever |
| | | Yeşim Yasin |
| | | Şirin Parkan |
| 13:30 – 14:10 | Hemostasis and Thrombosis | Özge Can |
| 14:20 – 15:00 | Hemostasis and Thrombosis | Özge Can |
| 15:10 – 15:50 | Blood parasite infections | Işın Akyar |
| 16:00 – 16:40 | Blood parasite infections | Işın Akyar |

| 10.01.2012 TUESDAY | | |
|--------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 08:30 – 12:30 | CMPS-III: Health and Society <i>Workshop for project proposals</i> | İnci User Figen Demir Nadi Bakırcı Güldal Güleç Pınar Topsever Yeşim Yasin Şirin Parkan |
| 13:30 – 16:40 | Preparation For Interactive Module | |

| 11.01.2012 WEDNESDAY | | |
|----------------------|-----------------------------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Approach to a patient with bleeding disorder | Siret Ratip |
| 10:10 – 10:50 | Deep venous thrombosis | Siret Ratip |
| 11:00 – 11:40 | Lymphoreticular system Infections Part III Malaria, Mumps, Plague | Sesin Kocagöz |
| 11:50 – 12:30 | Lymphoreticular system Infections Part IV Rat-bite fever, Relapsing fever, Tularemia | Sesin Kocagöz |
| 13:30 – 14:10 | Pathology of lymphatic nodule and spleen | Ümit İnce |
| 14:20 – 15:00 | Pathology of lymphatic nodule and spleen | Ümit İnce |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 12.01.2012 THURSDAY | | |
|---------------------|------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Anticoagulants, thrombolitics and antiplatelet drugs | Filiz Onat |
| 09:20 – 10:00 | Anticoagulants, thrombolitics and antiplatelet drugs | Filiz Onat |
| 10:10 – 10:50 | Pathology of lymphatic nodule and spleen | Ümit İnce |
| 11:00 – 11:40 | Thrombocytopenia | Cengiz Canpolat |
| 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 | |

| 13.01.2012 FRIDAY | | |
|-------------------|-----------------------------------------------|-----------|
| 08:30 – 09:10 | LAB: Pathology of lymphatic nodule and spleen | Ümit İnce |
| 09:20 – 10:00 | LAB: Pathology of lymphatic nodule and spleen | Ümit İnce |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 16.01.2012 MONDAY | | |
|-------------------|---------------------------------------|-------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Childhood leukemia | Cengiz Canpolat |
| 10:10 – 10:50 | Clinical aspects of blood transfusion | Ebru Tuğrul Sarıbeyoğlu |
| 11:00 – 11:40 | Study Time | |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Pathology of bone marrow | Ümit İnce |
| 14:20 – 15:00 | Pathology of bone marrow | Ümit İnce |
| 15:10 – 15:50 | LAB: Pathology of bone marrow | Ümit İnce |
| 16:00 – 16:40 | LAB: Pathology of bone marrow | Ümit İnce |

| 17.01.2012 TUESDAY | | |
|--------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 08:30 – 16:40 | CMPS III: Health And Society <i>Health promotion and prevention: Project proposal</i> | İnci User Figen Demir Nadi Bakırcı Güldal Güleç Pınar Topsever Yeşim Yasin Şirin Parkan |

| 18.01.2012 WEDNESDAY | | |
|----------------------|-----------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Hemophilia | Cengiz Canpolat |
| 09:20 – 10:00 | Immunosuppressants, Immunotolerogens and Immunostimulants | Filiz Onat |
| 10:10 – 10:50 | Immunosuppressants, Immunotolerogens and Immunostimulants | Filiz Onat |
| 11:00 – 11:40 | Prep for Interactive Module | |
| 11:50 – 12:30 | Prep for Interactive Module | |
| 13:30 – 14:10 | Prep for Interactive Module | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 19.01.2012 THURSDAY | | |
|---------------------|------------------------------------------------------------|----------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Chronic Myeloid Leukemia CML | Siret Ratip |
| 10:10 – 10:50 | Vector borne infections; their epidemiology and prevention | Işın Akyar |
| 11:00 – 11:40 | Vector borne infections; their epidemiology and prevention | Işın Akyar |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Molecular basis of hemoglobinopathies | Cengiz Yakırcı |
| 14:20 – 15:00 | Molecular basis of hemoglobinopathies | Cengiz Yakırcı |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 20.01.2012 FRIDAY | | |
|-------------------|-----------------------------------------------|------------------------|
| 08:30 – 09:10 | Cytokines | Abdurrahman Coşkun |
| 09:20 – 10:00 | Cytokines | Abdurrahman Coşkun |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| 13:30 – 14:10 | Hodgkin Disease | Ertuğrul Yılmaz |
| 14:20 – 15:00 | Non-Hodgkin Lymphoma | Ertuğrul Yılmaz |
| 15:10 – 15:50 | Molecular basis of hematological malignancies | Cemaliye Akyerli Boylu |
| 16:00 – 16:40 | Molecular basis of hematological malignancies | Cemaliye Akyerli Boylu |

23.01.2012 MONDAY

| | | |
|---------------|-------------------------------------------------------|--|
| 08:30 – 09:10 | MED 207 CMPS III Subject Committee Examination | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

24.01.2012 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 | |

25.01.2012 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 | |

26.01.2012 THURSDAY

| | | |
|---------------|--------------------------------------------------------|--|
| 08:30 – 09:10 | MED 205 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 | | |

27.01.2012 FRIDAY

| | | |
|---------------|----------------------------------------------------------|--|
| 08:30 – 09:10 | MED 205 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

**2011 - 2012
YEAR 2
SPRING SEMESTER**

YEAR 2 SPRING SEMESTER HOURS and CREDITS

| COURSES | Theoretical Hours | | | Practical Hours | | | Study Time | Total | National credits | ECTS |
|---------------------------------------------------|-------------------|-----------|------------|-----------------|-------------|------------|------------|------------|------------------|-----------|
| | Lectures | IALS | Sub Total | Lab study | Field study | Sub Total | | | | |
| Musculoskeletal System and Related Disorders | 95 | 0 | 95 | 25 | 0 | 25 | 80 | 200 | 8 | 7 |
| Respiratory System and Related Disorders | 93 | 9 | 102 | 20 | 0 | 20 | 82 | 204 | 8 | 8 |
| Clinical Medicine and Professional Skills IV | 2 | 31 | 33 | 18 | 62 | 80 | 50 | 163 | 5 | 6 |
| Medical Informatics and Biomedical Technologies-I | 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 | 256 | 40 | 296 | 139 | 62 | 201 | 247 | 744 | 29 | 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) | Credit | ECTS |
|----------------------------------------------|---------|---------------------------|-----------------------------|--------|------|
| | | | Practical (Hour) | | |
| Musculoskeletal System and Related Disorders | MED 206 | Spring | 95 | 8 | 7 |
| | | | 25 | | |
| | | | Study time (Hour) | 80 | |

| | | |
|-----------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | : | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Aytül Kızaran, M.D. Instructor Elif Nedret KESKİNÖZ, MSc., Instructor.</p> <p>Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Mustafa SERTESER, M.D., Assoc. Prof.</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Child Health and Disease Alpay Çeliker, M.D., Prof. Gamze Bereket, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof.</p> <p>Histology & Embryo Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz Yücel, Ph.D., Assist. Prof.</p> <p>Infectious Disease Sesin KOCAGÖZ, M.D., Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Medical Biology: Deniz AĞIRBAŞLI, M.D., Ph.D., Instructor</p> <p>Orthopedics and Traumatology: Nadir ŞENER, M.D., Prof. Ufuk NALBANTOĞLU, M.D., Assoc. Prof. Burak BEKSAÇ, M.D., Assoc. Prof. Barış KOCAOĞLU, M.D., Assist. Prof. Umut AKGÜN, M.D., Assist. Prof.</p> <p>Pathology: Selçuk BİLGİ, M.D., Prof. Ümit İNCE M.D., Assoc. Prof. Hale Kırımlioğlu Özlem Aydın</p> <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physical Medicine and Rehabilitation: Zeynep GÜVEN, M.D., Prof. Reyhan ÇELİKER, M.D., Prof. Ayçe ATALAY, M.D., Assoc. Prof.</p> <p>Physics: Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Physiology: Mehmet ERGEN, D.V.M., Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof.</p> <p>Radiology Ercan KARAARSLAN, M.D., Assoc. Prof.</p> <p>Rheumatology: Mehmet KARAARSLAN, M.D., Assist. Prof.</p> |

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| | Affiliated Faculty Anatomy: Jasna GÜRBÜZ, M.D., Ph.D. Pharmacology Filiz ONAT, M.D., Prof |
| Course Duration | : 13.02.2012-11.04.2012 |
| Educational Methods | : Theoretical and Practical Courses, Discussions, Field Studies, Seminars |
| Assessment Methods | : Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions |
| Course Aims | : <p>The purpose of this course is to provide necessary knowledge about structure and function of musculoskeletal system. This system gives humans ability to move using the muscles and skeleton. The musculoskeletal system provides form, stability, and movement to the human body. It is made up of the body's bones (the skeleton) muscle, cartilage, tendons, ligaments, joints, and other connective tissue (the tissue that supports and binds tissues and organs together). The musculoskeletal system's primary functions include supporting the body, allowing motion, and protecting vital organs. In this committee students will be informed about all these structures, their diseases and treatment methods.</p> |
| Learning Outcomes | : <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • learn the muscles and bones at the ultrastructural level • make a correlation between muscle and bone ultrastructure and their function • learn the microscopic structure of bone and muscle • understand the biophysics of muscle contraction • learn the management of symptoms of functional impairment related to musculoskeletal disorders in primary care • understand the developmental & acquired abnormalities of the musculoskeletal system • learn the diagnosis and treatment of traumatic disorders of the musculoskeletal system • learn the pathologies of the musculoskeletal system at microscopic level • know pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatments of musculoskeletal system related diseases/disorders • understand the physical rehabilitation of musculoskeletal system related disorders |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | Credit | ECTS |
|----------------------------------------|---------|---------------------------|-----------------------|--------|------|
| | | | 93 | | |
| Respiratory System & Related Disorders | MED 208 | Spring | 20 | 8 | 8 |
| | | | Study time (Hour) | | |

| | | |
|-----------------------------|---|--------------------------------------------------------------------------------------------------------------------------------|
| 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 |
| Committee Chairs | : | Prof. Çağlar Çuhadaroğlu; caglar.cuhadaroglu@acibadem.edu.tr Assist. Prof. Devrim Öz Arslan ; devrim.arslan@acibadem.edu.tr |

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| Academic Units & Staff | : | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Aytül Kızaran, M.D. Instructor Elif Nedret KESKİNÖZ, MSc., Instructor.</p> <p>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.</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Devrim ÖZ ARSLAN, Ph.D., Assist. Prof.</p> <p>Child Health And Diseases Ertuğrul ERYILMAZ, M.D., Assist. Prof. Müjde Arapoğlu, M.D., Assist. Prof. Yasemin Alanay, M.D., Assist. Prof. Günseli Bozdoğan, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz Yücel, Ph.D., Assist. Prof.</p> <p>Infectious Diseases and Clinical Microbiology Sesin KOCAGÖZ, M.D., Prof. Hülya KUŞOĞLU, M.D., Instructor</p> <p>Medical Biology: Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Deniz AĞIRBAŞLI, M.D., Ph.D., Instructor</p> <p>Nuclear Medicine Erkan VARDARELİ, M.D., Prof.</p> <p>Otolaryngology Hasan TANYERİ, M.D., Prof. Haluk ÖZKARAKAŞ M.D., Prof. Şenol Polat, M.D., Assist. Prof.</p> <p>Pathology Aydın SAV, M.D., Prof. Handan ZEREN, M.D., Prof.</p> <p>Pharmacology İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. Figen Demir, M.D., Assist. Prof.</p> <p>Pulmonary Medicine Çağlar ÇUHADAROĞLU, M.D., Prof. Ceyda EREL KİRİŞOĞLU, M.D., Assist. Prof.</p> |
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| Course Duration | : | 12.04.2012-08.06.2012 |
| Educational Methods | : | Theoretical and Practical Courses, Discussions, Field Studies, Seminars, Interactive Module |
| Assessment Methods | : | Theoretical and Practical Subject Committee Exams, Homeworks, Presentations, Discussions |
| Course Aims | : | This course aims to provide necessary knowledge about the upper and lower respiratory system structure, function. It also aims to teach how to recognize the respiratory diseases and their treatment. |
| Learning Outcomes | : | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • identify the anatomical structures that concern with respiratory system(Nose, Nasal cavity, Larynx, Trachea, Bronchus, Diaphragm, Lungs, Pleura, thorax, Mediastinum) • define the histological features and the structural-functional relationship of the organs forming the upper and lower respiratory systems. • define the developmental stages and structural anomalies during the development process of the respiratory system • describe acute phase reactions, biochemical aspects of allergic reactions and laboratory investigation of allergic diseases, laboratory diagnosis of autoimmune diseases and paraproteins • repeat the gas laws and Laplace's law and explain the structure of the air –blood barrier and gas exchange in lungs and tissue • review the respiratory system functions, lung volumes and capacities, the principles of spirometry and the regulation of respiration, • describe the factors impairing normal function of respiratory system and their pathological reactions in various pathologic conditions. • define the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatments of respiratory system related diseases/disorders • describe the agents that causes the upper and lower airway infections and their laboratory and clinical diagnosis • acquire and utilize knowledge of the diagnosis and treatment of diseases of the upper and lower respiratory system • practice the examination of respiratory system and interpret the complaints and history of the patients with the symptoms of respiratory system in clinics and primary care • acquire and utilize knowledge of the population health, epidemiologic and preventive health aspects of diseases of the respiratory system • define the environmental and occupational lung disease and prevention define the principles, limitations and uses of imaging modalities in respiratory system. • thorough understanding of the indications and imaging algorithms in respiratory system imaging • identify elementary lesions of respiratory system pathology in CXR and CT imaging modalities • define the prevention, diagnosis and treatment of tuberculosis |
| | | |

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

| | | |
|-----------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | : | English |
| Course Type | : | Compulsory |
| Course Level | : | Undergraduate |
| Year Coordinators: | : | Prof. Tanıl KOCAGÖZ tk05-k@tr.net Assist. Prof. Melike ŞAHİNER melike.sahiner@acibadem.edu.tr |
| CMPS Coordinators: | : | Assoc. Prof. Nadi BAKIRCI nadi.bakirci@acibadem.edu.tr Assoc. Prof. Pınar TOPSEVER pınar.topsever@acibadem.edu.tr |
| Academic Units & Staff | : | <p>Behavioral Science Cem INCESU, M.D., Assoc. Prof.</p> <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof.</p> <p>Forensic Medicine İşıl PAKIŞ, MD, Assist. Prof.</p> <p>History of Medicine and Ethics Yeşim İşıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Assoc. Prof. Figen DEMİR, M.D., MPH, Instructor</p> <p>Affiliated Faculty Muhtar ÇOKAR, MD, PhD Gülsüm ÖNAL, M.D.</p> |
| Course Duration | : | 20.2.2011-16.5.2012 |
| 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 | : | <p>This course aims to create a learning opportunity for students to</p> <p>Medical Ethics and Humanities: understand the rights of patients, responsibilities of physicians and comprehend the beginning and end of life issues</p> <p>Research in Health: gain knowledge and skills related to planning and conducting a medical research project.</p> |
| Learning Outcomes | : | <p>At the end of this course, students will;</p> <p>Medical Ethics and Humanities:</p> <ul style="list-style-type: none"> • discuss and demonstrate awareness of ethical, moral and legal responsibilities of physicians involved in providing care to individual patients and communities. • demonstrate her/his acceptance for compassion, respect of privacy and dignity of others in their professional life • demonstrate her/his acceptance for non-discrimination be aware of the necessity for physicians being a role model of integrity, honesty and probity • accept the importance of appropriate consent • describe patients rights and explain the context • explain the evolution of patients rights • list all articles of “regulation of patients rights” in Turkey. • analyze ethical and moral dilemmas and legal and psychosocial dimensions of beginning and end of life • be aware of ethical conflicts due to new medical technologies such as organ transplantation, new reproductive techniques and genetics <p>Research in Health:</p> <ul style="list-style-type: none"> • perform the designed study and analyze the collected data • present the result |





ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

**YEAR 2
SPRING SEMESTER
SCHEDULE**

13.02.2012 MONDAY

| | | |
|---------------|--------------------------------------------------------------------|----------------------------------|
| 08:30 – 09:10 | Introduction to MED 206 Subject Committee | Metin Türkmen-Abdurrahman Coşkun |
| 09:20 – 10:00 | Histology of bone, skeletal muscle, soft tissue and cartilage | Deniz Yücel |
| 10:10 – 10:50 | LAB: Histology of bone, skeletal muscle, soft tissue and cartilage | Deniz Yücel |
| 11:00 – 11:40 | LAB: Histology of bone, skeletal muscle, soft tissue and cartilage | Deniz Yücel |
| 11:50 – 12:30 | Physical Principles of X-Ray Radiography | Beki Kan |
| 13:30 – 14:10 | Superficial back | Aymelek Yalın |
| 14:20 – 15:00 | Superficial back | Aymelek Yalın |
| 15:10 – 15:50 | Development of skin and adnex | Gözde Erkan Şentürk |
| 16:00 – 16:40 | Study Time | |

14.02.2012 TUESDAY

| | | |
|---------------|------------------------------------------------------------------------------------|---------------|
| 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 | Biophysics of muscle contraction | Beki Kan |
| 11:00 – 11:40 | Biophysics of muscle contraction | Beki Kan |
| 11:50 – 12:30 | Functions of the muscle | Güldal Güleç |
| 13:30 – 14:10 | Development of skeletal system | Serap Arbak |
| 14:20 – 15:00 | Development of skeletal system | Serap Arbak |
| 15:10 – 15:50 | LAB: Superficial back and Pectoral region&breast shoulder region&shoulderGR-A | Aymelek Yalın |
| 16:00 – 16:40 | LAB: Superficial back and Pectoral region&breast shoulder region&shoulderGR-A | Aymelek Yalın |

15.02.2012 WEDNESDAY

| | | |
|---------------|------------------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | LAB: Superficial back and Pectoral region&breast shoulder region&shoulderGR-B | Aymelek Yalın |
| 09:20 – 10:00 | LAB: Superficial back and Pectoral region&breast shoulder region&shoulderGR-B | Aymelek Yalın |
| 10:10 – 10:50 | Muscle energy metabolism and contraction | Mustafa Serteser |
| 11:00 – 11:40 | Regulation and control of muscle contraction | Güldal Güleç |
| 11:50 – 12:30 | Regulation and control of muscle contraction | Güldal Güleç |
| 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 | |

16.02.2012 THURSDAY

| | | |
|---------------|-------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Axillary region | Aymelek Yalın |
| 10:10 – 10:50 | Upper arm | Aymelek Yalın |
| 11:00 – 11:40 | Bioenergetics of muscle contraction | Beki Kan |
| 11:50 – 12:30 | Bioenergetics of muscle contraction | Beki Kan |
| 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 | |

17.02.2012 FRIDAY

| | | |
|---------------|-------------------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | LAB: Axillary region and Upper arm GR_A | Aymelek Yalın |
| 09:20 – 10:00 | LAB: Axillary region and Upper arm GR_A | Aymelek Yalın |
| 10:10 – 10:50 | LAB: Axillary region and Upper arm GR_B | Aymelek Yalın |
| 11:00 – 11:40 | LAB: Axillary region and Upper arm GR_B | Aymelek Yalın |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | BT: Group A and B (Theoretical lesson) | Ali Türk |
| 15:10 – 15:50 | Image production and Interpretation in radiographics and radiation protection | |
| 16:00 – 16:40 | | |

20.02.2012 MONDAY

| | | |
|---------------|-------------------------------------------------------|--------------------------------|
| 08:30 – 09:10 | CMPS-IV: Research in Health <i>DATA COLLECTION</i> | Nadi Bakırcı, Figen Demir |
| 09:20 – 10:00 | | Pınar Topsever, Melike Şahiner |
| 10:10 – 10:50 | | Tanıl Kocagöz |
| 11:00 – 11:40 | | Güldal Güleç |
| 11:50 – 12:30 | | Çağlar Çuhadaroğlu |
| 13:30 – 14:10 | | Dilaver Kaya |
| 14:20 – 15:00 | | Işıl Pakişi |
| 15:10 – 15:50 | | Özlem Sezgin Meriçliler |
| 16:00 – 16:40 | Cemaliye Akyerli Boylu | |
| | | Mehmet Ergen |

21.02.2012 TUESDAY

| | | |
|---------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 16:40 | CMPS-IV: Research in Health <i>DATA COLLECTION</i> | Nadi Bakırcı, Figen Demir Pınar Topsever, Melike Şahiner Tanıl Kocagöz, Güldal Güleç Çağlar Çuhadaroğlu, Dilaver Kaya, Işıl Pakişi, Özlem Sezgin Meriçliler Cemaliye Akyerli Boylu, Mehmet Ergen |
|---------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

22.02.2012 WEDNESDAY

| | | |
|---------------|---------------------------------|---------------------|
| 08:30 – 09:10 | Development of head and neck | Gözde Erkan Şentürk |
| 09:20 – 10:00 | Development of head and neck | Gözde Erkan Şentürk |
| 10:10 – 10:50 | Posterior aspect of the forearm | Elif Keskinöz |
| 11:00 – 11:40 | Anterior aspect of the forearm | Elif Keskinöz |
| 11:50 – 12:30 | Elbow joint&cubital fossa | Jasna Gürbüz |
| 13:30 – 14:10 | UniProtKB, Interprot and IntAct | Sinan Fındık |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Medical English-IV | |
| 16:00 – 16:40 | Medical English-IV | |

23.02.2012 THURSDAY

| | | |
|---------------|----------------------------------------------------|------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Brachial plexus | Aymelek Yalın |
| 10:10 – 10:50 | Brachial plexus | Aymelek Yalın |
| 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 | Medical English-IV | |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Elective Course-IV | |
| 16:00 – 16:40 | Elective Course-IV | |

24.02.2012 FRIDAY

| | | |
|---------------|--------------------------------------------------------|-------------------|
| 08:30 – 09:10 | LAB: Posterior and anterior aspect of the forearm GR-B | Elif Keskinöz |
| 09:20 – 10:00 | LAB: Posterior and anterior aspect of the forearm GR-B | Elif Keskinöz |
| 10:10 – 10:50 | LAB: Posterior and anterior aspect of the forearm GR-A | Elif Keskinöz |
| 11:00 – 11:40 | LAB: Posterior and anterior aspect of the forearm GR-A | Elif Keskinöz |
| 11:50 – 12:30 | Muscle relaxants | İsmail Hakkı Ulus |
| 13:30 – 14:10 | | Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Bioinformatics | |
| 16:00 – 16:40 | (UniProtKB, Interprot and IntAct) | |

27.02.2012 MONDAY

| | | |
|---------------|-----------------------------|---------------|
| 08:30 – 09:10 | Calcium and bone metabolism | Aysel Özpınar |
| 09:20 – 10:00 | Calcium and bone metabolism | Aysel Özpınar |
| 10:10 – 10:50 | Hand | Jasna Gürbüz |
| 11:00 – 11:40 | Hand | Jasna Gürbüz |
| 11:50 – 12:30 | Hand | Jasna Gürbüz |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Medical Recording Systems | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | Study Time | |

28.02.2012 TUESDAY

| | | |
|---------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 16:40 | CMPS-IV: Research in Health <i>DATA COLLECTION</i> | Nadi Bakırcı, Figen Demir Pınar Topsever, Melike Şahiner Tanıl Kocagöz, Güldal Güleç Çağlar Çuhadaroğlu, Dilaver Kaya Işıl Pakış, Özlem Sezgin Meriçliler Cemaliye Akyerli Boylu Mehmet Ergen |
|---------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

29.02.2012 WEDNESDAY

| | | |
|---------------|-----------------------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | LAB: Brachial plexus GR-A | Aymelek Yalın |
| 09:20 – 10:00 | The neck | Aytül Kızaran |
| 10:10 – 10:50 | Muscular triangles of the neck | Aytül Kızaran |
| 11:00 – 11:40 | Agents affecting mineral ion homeostasis and bone turnover | İsmail Hakkı Ulus |
| 11:50 – 12:30 | Agents affecting mineral ion homeostasis and bone turnover | İsmail Hakkı Ulus |
| 13:30 – 14:10 | Fractures, general principles (different properties of pediatric fractures) | Umut Akgün |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Medical English-IV | |
| 16:00 – 16:40 | Medical English-IV | |

01.03.2012 THURSDAY

| | | |
|---------------|------------------------------------|---------------|
| 08:30 – 09:10 | LAB: Brachial plexus GR-B | Aymelek Yalın |
| 09:20 – 10:00 | Superficial structures of the face | Aytül Kızaran |
| 10:10 – 10:50 | Pterygopalatal fossa | Elif Keskinöz |
| 11:00 – 11:40 | Gravity, equilibrium, torque | Şule Öncül |
| 11:50 – 12:30 | Equilibrium of the body | Şule Öncül |
| 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 | |

02.03.2012 FRIDAY

| | | |
|---------------|----------------------------------------|---------------|
| 08:30 – 09:10 | LAB: Hand and The neck GR-A | Aytül Kızaran |
| 09:20 – 10:00 | LAB: Hand and The neck GR-A | Aytül Kızaran |
| 10:10 – 10:50 | Work related musculoskeletal disorders | Nadi Bakırcı |
| 11:00 – 11:40 | Degenerative joint disease | Zeynep Güven |
| 11:50 – 12:30 | Low back pain | Zeynep Güven |
| 13:30 – 14:10 | Medical Recording Systems | |
| 14:20 – 15:00 | Medical Recording Systems | |
| 15:10 – 15:50 | LAB: Hand and The neck GR-B | Aytül Kızaran |
| 16:00 – 16:40 | LAB: Hand and The neck GR-B | Aytül Kızaran |

05.03.2012 MONDAY

| | | |
|---------------|-------------------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | LAB: Superficial structures of The Face and Pterygopalatina fossa GR- A | Aytül Kızaran |
| 09:20 – 10:00 | LAB: Superficial structures of The Face and Pterygopalatina fossa GR- A | Aytül Kızaran |
| 10:10 – 10:50 | Temporal region | Aytül Kızaran |
| 11:00 – 11:40 | Management of symptoms of functional impairment related to musculoskeletal... | Efe Onganer |
| 11:50 – 12:30 | Management of symptoms of functional impairment related to musculoskeletal... | Efe Onganer |
| 13:30 – 14:10 | BT: EMG | Beki Kan |
| 14:20 – 15:00 | Spondyloarthropathies | Ayçe Atalay |
| 15:10 – 15:50 | Soft tissue rheumatism | Reyhan Çeliker |
| 16:00 – 16:40 | | |

06.03.2012 TUESDAY

| | | |
|---------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Radiologic findings of upper extremity diseases | Ercan Karaarslan |
| 10:10 – 10:50 | Radiologic findings of upper extremity diseases | Ercan Karaarslan |
| 11:00 – 11:40 | CMPS IV: Medical Ethics and Humanities | Yeşim Ülman, Muhtar Çokar |
| 11:50 – 12:30 | <i>Ethical decision making and moral deliberation</i> | |
| 13:30 – 14:10 | | N. Bakırcı, F. Demir, P. Topsever M. Şahiner, T. Kocagöz, G. Güleç Ç. Çuhadaroğlu, D. Kaya, I. Pakiş Ö. Sezgin Meriçliler, C. Akyerli Boylu, M. Ergen |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | CMPS-IV: Research in Health | |
| 16:00 – 16:40 | <i>Data Processing</i> | |
| | | |

07.03.2012 WEDNESDAY

| | | |
|---------------|--------------------------------------------------------------------------------------|---------------------------|
| 08:30 – 09:10 | LAB: Superficial structures of The Face and Pterygopalatina fossa GR- B | Aytül Kızaran |
| 09:20 – 10:00 | LAB: Superficial structures of The Face and Pterygopalatina fossa GR- B | Aytül Kızaran |
| 10:10 – 10:50 | | Yeşim Ülman, Muhtar Çokar |
| 11:00 – 11:40 | CMPS IV: Medical Ethics and Humanities | |
| 11:50 – 12:30 | <i>Ethical decision making and moral deliberation</i> | |
| 13:30 – 14:10 | Osteomyelitis and septic arthritis (Clinical properties, treatment principles and... | Nadir Şener |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Medical English-IV | |
| 16:00 – 16:40 | Medical English-IV | |

08.03.2012 THURSDAY

| | | |
|---------------|---------------------------------------------|----------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Posterior Abdominal Wall&Lumbosacral Plexus | Aymelek Yalın |
| 10:10 – 10:50 | Posterior Abdominal Wall&Lumbosacral Plexus | Aymelek Yalın |
| 11:00 – 11:40 | Neck and upper extremity pain | Ayçe Atalay |
| 11:50 – 12:30 | Osteoporosis | Reyhan Çeliker |
| 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 | |

09.03.2012 FRIDAY

| | | |
|---------------|----------------------------------------------|---------------------------------------------------------------------|
| 08:30 – 09:10 | Gluteal region and posterior aspect of thigh | Aytül Kızaran |
| 09:20 – 10:00 | Gluteal region and posterior aspect of thigh | Aytül Kızaran |
| 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 | | |
| 13:30 – 14:10 | | Group A: Beki Kan, Şule Öncül, Ali Türk Group B: Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Group A: Visit to EMG Lab and Radiology | |
| 16:00 – 16:40 | Group B: Bioinformatics (ChEBI) | |

12.03.2012 MONDAY

| | | |
|---------------|-------------------------------------------------------|------------------|
| 08:30 – 09:10 | LAB: Posterior Abdominal Wall&Lumbosacral Plexus GR-A | Aytül Kızaran |
| 09:20 – 10:00 | LAB: Posterior Abdominal Wall&Lumbosacral Plexus GR-A | Aytül Kızaran |
| 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 | Traumatic dislocations and soft tissue injuries | Ufuk Nalbantoğlu |
| 13:30 – 14:10 | ChEBI | |
| 14:20 – 15:00 | Bone remodeling and fracture healing | Ümit İnce |
| 15:10 – 15:50 | LAB: Bone remodeling and fracture healing | Ümit İnce |
| 16:00 – 16:40 | Study Time | |

13.03.2012 TUESDAY

| | | |
|---------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 12:30 | LAB: Posterior Abdominal Wall&Lumbosacral Plexus GR-B | Aytül Kızaran |
| | LAB: Posterior Abdominal Wall&Lumbosacral Plexus GR-B | Aytül Kızaran |
| | CMPS IV: Medical Ethics and Humanities <i>Ethical decision making and moral deliberation</i> | Yeşim Ülman, Muhtar Çokar |
| 13:30 – 16:40 | CMPS-IV: Research in Health <i>Data Processing</i> | N. Bakırcı, F. Demir, P. Topsever M. Şahiner, T. Kocagöz, G. Güleç Ç. Çuhadaroğlu, D. Kaya, I. Pakış Ö. Sezgin Meriçliler, C. Akyerli Boylu M. Ergen |

14.03.2012 WEDNESDAY

| | | |
|---------------|-----------------------|--|
| 08:30 – 09:10 | Physicians Day | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Medical English-IV | |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Medical English-IV | |
| 16:00 – 16:40 | | |

15.03.2012 THURSDAY

| | | |
|---------------|-----------------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | LAB:Gluteal region and posterior aspect of thigh & Anterior medial thigh... | Aymelek Yalın |
| 09:20 – 10:00 | LAB:Gluteal region and posterior aspect of thigh & Anterior medial thigh... | 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 | Infectious disease of the bone and joint | Özlem Aydın |
| 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 | |

16.03.2012 FRIDAY

| | | |
|---------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|
| 08:30 – 09:10 | LAB:Gluteal region and posterior aspect of thigh & Anterior medial thigh... | Aymelek Yalın |
| 09:20 – 10:00 | LAB:Gluteal region and posterior aspect of thigh & Anterior medial thigh... | Aymelek Yalın |
| 10:10 – 10:50 | Inflammatory rheumatic diseases | Mehmet Karaaslan |
| 11:00 – 11:40 | Approach to the patient with rheumatic arthritis | Mehmet Karaaslan |
| 11:50 – 12:30 | Biochemical aspects of muscle disease | Mustafa Serteser |
| 13:30 – 14:10 | Group B: Visit to EMG Lab and Radiology Group A: Bioinformatics (ChEBI) | Group B: Beki Kan, Şule Öncül, Ali Türk Group A: Sinan Fındık |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 19.03.2012 MONDAY | | |
|-------------------|-----------------------------------|--|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | MED 206 MID-COMMITTEE EXAMINATION | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Medical Recording Systems | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | Study Time | |

| 20.03.2012 TUESDAY | | |
|--------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08:30 – 12:30 | Anterior and lateral aspect of the leg | Aymelek Yalın |
| | Anterior and lateral aspect of the leg | Aymelek Yalın |
| | Approach to patient with arthritis | |
| | CMPS IV: Medical Ethics and Humanities <i>Ethical decision making and moral deliberation</i> | Yeşim Ülman, Muhtar Çokar |
| 13:30 – 16:40 | CMPS-IV: Research in Health <i>Data Processing</i> | N. Bakırcı, F. Demir, P. Topsever M. Şahiner, T. Kocagöz, G. Güleç Ç. Çuhadaroğlu, D. Kaya, I. Pakiş Ö. Sezgin Meriçliler, C. Akyerli Boylu M. Ergen |

| 21.03.2012 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 | | |
| 11:00 – 11:40 | CMPS IV: Medical Ethics and Humanities | Gülsüm Önal |
| 11:50 – 12:30 | <i>Patient Rights and Physician's Responsibility</i> | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English-IV | |
| 16:00 – 16:40 | Medical English-IV | |

| 22.03.2012 THURSDAY | | |
|---------------------|-------------------------------------------|------------------|
| 08:30 – 09:10 | Neoplastic disease of bones and joints | Hale Kırımlıoğlu |
| 09:20 – 10:00 | Soft tissue tumors | Özlem Aydın |
| 10:10 – 10:50 | LAB: Neoplastic disease of bone and joint | Hale Kırımlıoğlu |
| 11:00 – 11:40 | LAB: Soft tissue tumors | Özlem Aydın |
| 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 | |

| 23.03.2012 FRIDAY | | |
|-------------------|------------------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Joints of the lower Extremity and Anterior and lateral aspect of the leg GR-A | Jasna Gürbüz |
| 10:10 – 10:50 | LAB: Joints of the lower Extremity and Anterior and lateral aspect of the leg GR-A | Jasna Gürbüz |
| 11:00 – 11:40 | Approch to arthiritis in children | Cengiz Canpolat |
| 11:50 – 12:30 | Myositis and connective tissue diseases | |
| 13:30 – 14:10 | Medical Recording Systems | |
| 14:20 – 15:00 | Medical Recording Systems | |
| 15:10 – 15:50 | Pathology of arthritis | Hale Kırımlıoğlu |
| 16:00 – 16:40 | Tumors of the skin | Özlem Aydın |

26.03.2012 MONDAY

| | | |
|---------------|--------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Connective tissue disorders | Mehmet Karaaslan |
| 09:20 – 10:00 | Crystal-related arthropathies | Mehmet Karaaslan |
| 10:10 – 10:50 | Anti-inflammatory analgesic drugs | Filiz Onat |
| 11:00 – 11:40 | Neuromuscular disorders (Cerebral palsy, Poliomyelitis, Spina Bifida...) | Burak Beksaç |
| 11:50 – 12:30 | Developmental dysplasia of the hip and club foot (Pes Equinovarus) | Barış Kocaoğlu |
| 13:30 – 14:10 | Image production and interpretation in CT | Sıla Ulus |
| 14:20 – 15:00 | Image production and interpretation in CT | Sıla Ulus |
| 15:10 – 15:50 | Image production and interpretation in CT | Sıla Ulus |
| 16:00 – 16:40 | | |

27.03.2012 TUESDAY

| | | |
|---------------|------------------------------------------------------|----------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Posterior aspect of the leg & popliteal fossa | Aymelek Yalın |
| 10:10 – 10:50 | Posterior aspect of the leg & popliteal fossa | Aymelek Yalın |
| 11:00 – 11:40 | CMPS IV: Medical Ethics and Humanities | Yeşim Ülman, Gülsüm Önal, |
| 11:50 – 12:30 | <i>Patient Rights and Physician's Responsibility</i> | Muhtar Çokar, Işıl Pakiç |
| 13:30 – 14:10 | | N. Bakırcı, F. Demir, P. Topsever |
| 14:20 – 15:00 | CMPS-IV: Research in Health | M. Şahiner, T. Kocagöz, G. Güleç |
| 15:10 – 15:50 | <i>Data Processing</i> | Ç. Çuhadaroğlu, D. Kaya, I. Pakiç |
| 16:00 – 16:40 | | Ö. Sezgin Meriççiler, C. Akyerli Boylu M. Ergen |

28.03.2012 WEDNESDAY

| | | |
|---------------|----------------------------------------------------------------------------|----------------------------|
| 08:30 – 09:10 | LAB: Joints of lower Extremity and Anterior and lateral Aspect of leg GR-B | Jasna Gürbüz |
| 09:20 – 10:00 | LAB: Joints of lower Extremity and Anterior and lateral Aspect of leg GR-B | Jasna Gürbüz |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | CMPS IV: Medical Ethics and Humanities | Yeşim Ülman, Nadi Bakırcı, |
| 11:50 – 12:30 | <i>Beginning of Life</i> | Muhtar Çokar, Işıl Pakiç |
| 13:30 – 14:10 | Developmental & acquired abnormalities in bone cells, matrix & structure | Özlem Aydın |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Medical English-IV | |
| 16:00 – 16:40 | Medical English-IV | |

29.03.2012 THURSDAY

| | | |
|---------------|-----------------------------------|--------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Foot | Jasna Gürbüz |
| 10:10 – 10:50 | Foot | Jasna Gürbüz |
| 11:00 – 11:40 | Anti-inflammatory analgesic drugs | Filiz Onat |
| 11:50 – 12:30 | Anti-inflammatory analgesic drugs | Filiz Onat |
| 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 | |

30.03.2012 FRIDAY

| | | |
|---------------|------------------------------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | LAB: Posterior aspect of the leg & popliteal fossa and foot GR-B | Aymelek Yalın |
| 09:20 – 10:00 | LAB: Posterior aspect of the leg & popliteal fossa and foot GR-B | Aymelek Yalın |
| 10:10 – 10:50 | LAB: Posterior aspect of the leg & popliteal fossa and foot GR-A | Aymelek Yalın |
| 11:00 – 11:40 | LAB: Posterior aspect of the leg & popliteal fossa and foot GR-A | Aymelek Yalın |
| 11:50 – 12:30 | Disease modifying antirheumatic drugs | Filiz Onat |
| 13:30 – 14:10 | MED 209 Medical Informatics and Biomedical Technologies Mid-Committee Examination | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Genetic basis of musculoskeletal diseases | |
| 16:00 – 16:40 | Genetic basis of musculoskeletal diseases | |

| 02.04.2012 MONDAY | | |
|-------------------|-----------------------------------------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Abdominal Muscle | Aytül Kızaran |
| 10:10 – 10:50 | Deepback muscles, sub-occipital region | Aymelek Yalın |
| 11:00 – 11:40 | LAB: Abdominal Muscle and Deepback muscles, sub-occipital region GR-B | Aytül Kızaran |
| 11:50 – 12:30 | LAB: Abdominal Muscle and Deepback muscles, sub-occipital region GR-B | Aymelek Yalın |
| | | |
| 13:30 – 14:10 | LAB: Abdominal Muscle and Deepback muscles, sub-occipital region GR-A | Aytül Kızaran |
| 14:20 – 15:00 | LAB: Abdominal Muscle and Deepback muscles, sub-occipital region GR-A | Aymelek Yalın |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 03.04.2012 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 | Skills Related To The Subject Committee | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |
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| 04.04.2012 WEDNESDAY | | |
|----------------------|--------------------------------------------------------|----------------------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Image production and interpretation in ultrasonography | Ümit Özcan |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | Image production and interpretation in MRI | Alp Dinçer |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 14:10 | CMPS-IV: Research in Health <i>Data Processing</i> | N. Bakırcı, F. Demir, P. Topsever |
| 14:20 – 15:00 | | M. Şahiner, T. Kocagöz, G. Güleç |
| 15:10 – 15:50 | | Ç. Çuhadaroğlu, D. Kaya, I. Pakış |
| 16:00 – 16:40 | | Ö. Sezgin Meriçliler, C. Akyerli Boylu M. Ergen |

| 05.04.2012 THURSDAY | | |
|---------------------|-----------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 14:10 | MEDICAL EDUCATION SYMPOSIUM | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |
| | | |

| 06.04.2012 FRIDAY | | |
|-------------------|-----------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | MEDICAL EDUCATION SYMPOSIUM | |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

09.04.2012 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 | | |

10.04.2012 TUESDAY

| | | |
|---------------|-------------------------------------------------|--|
| 08:30 – 09:10 | MED 206 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 | | |

11.04.2012 WEDNESDAY

| | | |
|---------------|---------------------------------------------------|--|
| 08:30 – 09:10 | MED 206 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 | | |

12.04.2012 THURSDAY

| | | |
|---------------|-------------------------------------------|-----------------------------------|
| 08:30 – 09:10 | Introduction to MED 208 Subject Committee | 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 | | |
| 11:50 – 12:30 | Medical Recording Systems | |
| | | |
| 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 | |

13.04.2012 FRIDAY

| | | |
|---------------|---------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Histology of the Respiratory System 1 | Serap Arbak |
| 10:10 – 10:50 | Histology of the Respiratory System 1 | Serap Arbak |
| 11:00 – 11:40 | The root of the neck | Aymelek Yalın |
| 11:50 – 12:30 | The pharynx | Elif Keskinöz |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Medical Recording Systems | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

16.04.2012 MONDAY

| | | |
|---------------|-------------------------------------------------|--------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | The larynx | Elif Keskinöz |
| 10:10 – 10:50 | The larynx | Elif Keskinöz |
| 11:00 – 11:40 | Bronchoscopic examination by fiberoptic systems | Çağlar Çuhadaroğlu |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Histology of the respiratory system 2 | Deniz Yücel |
| 14:20 – 15:00 | LAB: The root of the neck and The Larynx GR-A | Aymelek Yalın |
| 15:10 – 15:50 | LAB: The root of the neck and The Larynx GR-A | Aymelek Yalın |
| 16:00 – 16:40 | Study Time | |

17.04.2012 TUESDAY

| | | |
|---------------|--------------------------------------------------------------------|--------------------------------------------------------|
| 08:30 – 12:30 | Laboratory diagnosis of allergic diseases | Mustafa Serteser |
| | LAB: Histology of the respiratory system | Serap Arbak |
| | LAB: Histology of the respiratory system | Serap Arbak |
| | CMPS IV: Medical Ethics and Humanities <i>Beginning of Life</i> | Yeşim Ülman, Nadi Bakırcı, Muhtar Çokar, Işıl Pakiş |
| 13:30 – 16:40 | CMPS-IV: Research in Health <i>Data Processing</i> | N. Bakırcı, F. Demir, P. Topsever |
| | | M. Şahiner, T. Kocagöz, G. Güleç |
| | | Ç. Çuhadaroğlu, D. Kaya, I. Pakiş |
| | | Ö. Sezgin Meriçliler, C. Akyerli Boylu M. Ergen |

18.04.2012 WEDNESDAY

| | | |
|---------------|--------------------------------------------------------------|----------------|
| 08:30 – 09:10 | Respiratory system functions | Melike Şahiner |
| 09:20 – 10:00 | Respiratory system functions | Melike Şahiner |
| 10:10 – 10:50 | CMPS IV: Medical Ethics and Humanities <i>End of Life</i> | Yeşim Ülman |
| 11:00 – 11:40 | | Cem İncesu |
| 11:50 – 12:30 | | Işıl Pakiş |
| 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 | |

19.04.2012 THURSDAY

| | | |
|---------------|-----------------------------------------------|---------------|
| 08:30 – 09:10 | Oxygen transport, Oxygen binding proteins | Tamer İnal |
| 09:20 – 10:00 | Oxygen transport, Oxygen binding proteins | Tamer İnal |
| 10:10 – 10:50 | Surface tension of alveoli | Beki Kan |
| 11:00 – 11:40 | LAB: The root of the neck and The Larynx GR-B | Aymelek Yalın |
| 11:50 – 12:30 | LAB: The root of the neck and The Larynx GR-B | Aymelek Yalın |
| 13:30 – 14:10 | Medical English-IV | |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Elective Course-IV | |
| 16:00 – 16:40 | Elective Course-IV | |

20.04.2012 FRIDAY

| | | |
|---------------|----------------------------------------|--------------------|
| 08:30 – 09:10 | Transfer of respiratory gases in blood | Devrim Öz Arslan |
| 09:20 – 10:00 | Alveolar and tissue respiration | Melike Şahiner |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| 13:30 – 14:10 | Ontologies in Bioinformatics | Sinan Fındık |
| 14:20 – 15:00 | Polysomnography | Çağlar Çuhadaroğlu |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | 3D imaging and post-processing | Ercan Karaaslan |

23.04.2012 MONDAY

| | | |
|---------------|-------------------------------------------------|--|
| 08:30 – 09:10 | 23 APRIL NATIONAL SOVEREIGNTY AND CHILDRENS DAY | |
| 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 | | |

24.04.2012 TUESDAY

| | | |
|---------------|-----------------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Effects of increased and decreased lung pressure | Devrim Öz Arslan |
| 10:10 – 10:50 | Development of the respiratory system | Serap Arbak |
| 11:00 – 11:40 | CMPS IV: Medical Ethics and Humanities | Yeşim Ülman |
| 11:50 – 12:30 | <i>End of Life</i> | Cem İncesu |
| | | Işıl Pakiş |
| 13:30 – 14:10 | The Nose, Associated structures and Paranasal Sinuses | Jasna Gürbüz |
| 14:20 – 15:00 | The Nose, Associated structures and Paranasal Sinuses | Jasna Gürbüz |
| 15:10 – 15:50 | LAB: The Nose, Associated structures and Paranasal Sinuses and Thoracic Wall GR-B | Jasna Gürbüz |
| 16:00 – 16:40 | LAB: The Nose, Associated structures and Paranasal Sinuses and Thoracic Wall GR-B | Jasna Gürbüz |

25.04.2012 WEDNESDAY

| | | | |
|---------------|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------|
| 08:30 – 09:10 | LAB: The Nose, Associated structures and Paranasal Sinuses and Thoracic Wall GR-A | Jasna Gürbüz | |
| 09:20 – 10:00 | LAB: The Nose, Associated structures and Paranasal Sinuses and Thoracic Wall GR-A | Jasna Gürbüz | |
| 10:10 – 10:50 | CMPS IV: Medical Ethics and Humanities | Yeşim Ülman | |
| 11:00 – 11:40 | | | <i>Ethical Approach to New Medical Technologies</i> |
| 11:50 – 12:30 | | | Muhtar Çokar |
| 13:30 – 14:10 | Prep for IM | | |
| 14:20 – 15:00 | Medical English-IV | | |
| 15:10 – 15:50 | Medical English-IV | | |
| 16:00 – 16:40 | Medical English-IV | | |

26.04.2012 THURSDAY

| | | |
|---------------|--------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | The Thoracic Wall | Aymelek Yalın |
| 10:10 – 10:50 | The Thoracic Wall | Aymelek Yalın |
| 11:00 – 11:40 | Prep for IM | |
| 11:50 – 12:30 | Prep 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 | |

27.04.2012 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 | Study Time | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| 13:30 – 14:10 | Medical Recording Systems | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | Study Time |

30.04.2012 MONDAY

| | | |
|---------------|------------------------------------------|--------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Regulation of respiration | Melike Şahiner |
| 10:10 – 10:50 | Regulation of respiration | Melike Şahiner |
| 11:00 – 11:40 | Oxygen and Life | Mustafa Serteser |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Reactome – The Pathway Browser | Sinan Fındık |
| 14:20 – 15:00 | Upper airway infections in children | Ertuğrul Eryılmaz |
| 15:10 – 15:50 | Regulation of Hydrogen Ion Concentration | Abdurrahman Coşkun |
| 16:00 – 16:40 | Study Time | |

01.05.2012 TUESDAY

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

02.05.2012 WEDNESDAY

| | | |
|---------------|------------------------------------------------------|---------------|
| 08:30 – 09:10 | LAB: The Trachea and The Lungs and Mediastinum GR- B | Aytül Kızaran |
| 09:20 – 10:00 | LAB: The Trachea and The Lungs and Mediastinum GR- B | Aytül Kızaran |
| 10:10 – 10:50 | CMPS IV: Medical Ethics and Humanities | Yeşim Ülman |
| 11:00 – 11:40 | <i>Ethical Approach to New Medical Technologies</i> | Muhtar Çokar |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Mediastinum | Aymelek Yalın |
| 14:20 – 15:00 | Mediastinum | Aymelek Yalın |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

03.05.2012 THURSDAY

| | | |
|---------------|-----------------------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | MED 208 MID-COMMITTEE EXAMINATION | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | LAB: The Trachea and The Lungs and Mediastinum GR- A | Aymelek Yalın |
| 11:50 – 12:30 | LAB: The Trachea and The Lungs and Mediastinum GR- A | Aymelek Yalın |
| 13:30 – 14:10 | Signs and patterns of lung disease | Ümit Aksoy Özcan |
| 14:20 – 15:00 | Tumors of lung, and mediastinum, pleura, chest wall, diaphragm diseases and miscella... | Ümit Aksoy Özcan |
| 15:10 – 15:50 | Elective Course-IV | |
| 16:00 – 16:40 | Elective Course-IV | |

04.05.2012 FRIDAY

| | | |
|---------------|-----------------------------------------------------|-----------------------------|
| 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 | Study Time | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Group A: Bronchoscopy and Polysomnography | Group A: Çağlar Çuhadaroğlu |
| 15:10 – 15:50 | Group B: Bioinformatics (Reactome) | Group B: Sinan Fındık |
| 16:00 – 16:40 | | |

07.05.2012 MONDAY

| | | |
|---------------|------------------------------------------------------------|----------------|
| 08:30 – 12:30 | Management of respiratory system disorders in primary care | Pınar Topsever |
| | Management of respiratory system disorders in primary care | Pınar Topsever |
| | Diseases of upper airways | Handan Zeren |
| | Diseases of upper airways | Handan Zeren |
| | Study Time | |
| 13:30 – 14:10 | Biomarker Discovery | Sinan Fındık |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

08.05.2012 TUESDAY

| | | |
|---------------|------------------------------------------------|---------------|
| 08:30 – 12:30 | Upper respiratory system infections | Hülya Kuşoğlu |
| | Upper respiratory system infections | Hülya Kuşoğlu |
| | Bacterial pneumonias and lung abscess | Handan Zeren |
| | Viral and fungal diseases of the lung | Handan Zeren |
| | Introduction to Chest Radiology, (CXR and CT) | Ümit Özcan |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | PREP FOR IM | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

09.05.2012 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 | CMPS: Medical Ethics And Humanities | |
| 11:50 – 12:30 | | |
| 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 | |

10.05.2012 THURSDAY

| | | |
|---------------------------|---------------------------------------------------------------------|-------------------------------------|
| TBC PANEL SESSİYON | | |
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | 1- Pulmonary Medicine Tuberculosis (TBC) 2- Pathology Pulmonary TBC | |
| 10:10 – 10:50 | 3- Infectious Diseases Laboratory Diagnosis of TBC | Çağlar Çuhadaroğlu, Figen Demir, |
| 11:00 – 11:40 | 4- Public Health Epidemiology and prevention of TBC | Aydın Sav, Tanıl Kocagöz, |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Medical English-IV | |
| 14:20 – 15:00 | Medical English-IV | |
| 15:10 – 15:50 | Elective Course-IV | |
| 16:00 – 16:40 | Elective Course-IV | |

11.05.2012 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 | Study Time | |
| 11:00 – 11:40 | Interactive Module | |
| 11:50 – 12:30 | Interactive Module | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Group B: Broncoscopy and Polysomnography | Group B: Çağlar Çuhadaroğlu |
| 15:10 – 15:50 | Group A: Bioinformatics (Reactome) | Group A: Sinan Fındık |
| 16:00 – 16:40 | | |

14.05.2012 MONDAY

| | | |
|---------------|--------------------------------|--|
| 08:30 – 09:10 | STUDENT RESEARCH CONGRESS - II | |
| 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 | | |

15.05.2012 TUESDAY

| | | |
|---------------|--------------------------------|--|
| 08:30 – 09:10 | STUDENT RESEARCH CONGRESS - II | |
| 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 | | |

16.05.2012 WEDNESDAY

| | | |
|---------------|--------------------------------|--|
| 08:30 – 09:10 | STUDENT RESEARCH CONGRESS - II | |
| 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 | | |

17.05.2012 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 | Genetic Basis of Respiratory Disease | Cemaliye Akyerli Boylu |
| 11:50 – 12:30 | Genetic Basis of Respiratory Disease | Deniz Ağırbaşı |
| 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 | |

18.05.2012 FRIDAY

| | | |
|---------------|-----------------------------------------------------|-----------------|
| 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 | Diseases of the ear | Haluk Özkarakaş |
| 11:00 – 11:40 | Expectorants and Antitussive agents | Filiz Onat |
| 11:50 – 12:30 | Effects of Exercise on Respiration and Muscles | Melike Şahiner |
| 13:30 – 14:10 | Medical Recording Systems | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

21.05.2012 MONDAY

| | | |
|---------------|----------------------------------------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Chronic Obstructive Pulmonary Disease | Çağlar Çuhadaroğlu |
| 09:20 – 10:00 | Asthma | Çağlar Çuhadaroğlu |
| 10:10 – 10:50 | Drugs for asthma | Filiz Onat |
| 11:00 – 11:40 | Drugs for asthma | Filiz Onat |
| 11:50 – 12:30 | Nuclear Medicine methods and molecular imaging for the evaluation of pulmonary disease | Erkan Vardareli |
| 13:30 – 14:10 | Medical Recording Systems | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Bronchial asthma and bronchiolitis | Ertuğrul Eryılmaz |
| 16:00 – 16:40 | | |

22.05.2012 TUESDAY

| | | |
|---------------|--------------------------------------------|--|
| 08:30 – 09:10 | Skills related to subject committee | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Skills related to subject committee | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

23.05.2012 WEDNESDAY

| | | |
|---------------|--------------------------------------|-----------|
| 08:30 – 09:10 | Neoplastic diseases of the lung | Ümit İnce |
| 09:20 – 10:00 | Neoplastic diseases of the lung | Ümit İnce |
| 10:10 – 10:50 | LAB: Neoplastic diseases of the lung | Ümit İnce |
| 11:00 – 11:40 | LAB: Neoplastic diseases of the lung | Ümit İnce |
| 11:50 – 12:30 | | |
| 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 | |

24.05.2012 THURSDAY

| | | |
|---------------|------------------------------------------------------------------|----------------------|
| 08:30 – 09:10 | Tumors of pleura and mediastinum | Ümit İnce |
| 09:20 – 10:00 | LAB: Tumors of pleura and mediastinum | Ümit İnce |
| 10:10 – 10:50 | LAB: Tumors of pleura and mediastinum | Ümit İnce |
| 11:00 – 11:40 | Treatment of obstructive lung disease | Çağlar Çuhadaroğlu |
| 11:50 – 12:30 | Restrictive lung disease interstitial pneumonia, and sarcoidosis | Ceyda Erel Kirişoğlu |
| 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 | |

25.05.2012 FRIDAY

| | | |
|---------------|--------------------------------------------------------------------------------|----------------------|
| 08:30 – 09:10 | Respiratory Distress | Ceyda Erel Kirişoğlu |
| 09:20 – 10:00 | Lung neoplasm | Semih Halezeroğlu |
| 10:10 – 10:50 | Mediastinum | Semih Halezeroğlu |
| 11:00 – 11:40 | Cholinergics and anticholinergic drugs in respiratory system related disorders | İsmail Hakkı Ulus |
| 11:50 – 12:30 | Catecholaminergic drugs in respiratory system related disorder | İsmail Hakkı Ulus |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical Recording Systems | |
| 16:00 – 16:40 | | |

| 28.05.2012 MONDAY | | |
|-------------------|---------------------------------------------------------|-------------------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Sleep related breathing disorders | Ceyda Erel Kirişoğlu, Hasan Tanyeri |
| 10:10 – 10:50 | Drug induced lung disease and eosinophilic lung disease | Ceyda Erel Kirişoğlu |
| 11:00 – 11:40 | Medical Recording Systems | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | Ümit İnce |
| 14:20 – 15:00 | Occupational and environmental Lung Diseases | Nadi Bakırcı |
| 15:10 – 15:50 | | Çağlar Çuhadaroğlu |
| 16:00 – 16:40 | Study Time | |

| 29.05.2012 TUESDAY | | |
|--------------------|-------------------------------------------|-----------------|
| 08:30 – 09:10 | Upper airway obstructions | Haluk Özkarakaş |
| 09:20 – 10:00 | Upper airway obstructions | Haluk Özkarakaş |
| 10:10 – 10:50 | Chest trauma, Hemothorax and pneumothorax | Murat Kara |
| 11:00 – 11:40 | Pathology of the pulmonary circulation | Ümit İnce |
| 11:50 – 12:30 | Diffuse interstitial lung diseases | Handan Zeren |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 30.05.2012 WEDNESDAY | | |
|----------------------|----------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Medical English- EXAM DAY | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Elective course - EXAM DAY | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 31.05.2012 THURSDAY | | |
|---------------------|------------|--|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Study Time | |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 01.06.2012 FRIDAY | | |
|-------------------|----------------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | MED 209 Subject Committee Examination (IT) | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | MED 209 Subject Committee Examination (BT and BI) | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

04.06.2012 MONDAY

| | | | |
|---------------|-------------------------------------------------|--|--|
| 08:30 – 09:10 | MED 210 CMPS - IV Subject Committee Examination | | |
| 09:20 – 10:00 | | | |
| 10:10 – 10:50 | | | |
| 11:00 – 11:40 | | | |
| 11:50 – 12:30 | | | |
| 13:30 – 14:10 | | | |
| 14:20 – 15:00 | | | |
| 15:10 – 15:50 | | | |
| 16:00 – 16:40 | | | |

05.06.2012 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 | | | |

06.06.2012 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 | | | |

07.06.2012 THURSDAY

| | | | |
|---------------|-------------------------------------------------|--|--|
| 08:30 – 09:10 | MED 208 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 | | | |

08.06.2012 FRIDAY

| | | | |
|---------------|---------------------------------------------------|--|--|
| 08:30 – 09:10 | MED 208 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

**2011 - 2012
YEAR 3
FALL SEMESTER**

YEAR 3 FALL SEMESTER HOURS and CREDITS

| COURSES | Theoretical Hours | | | Practical Hours | | | Study Time | Total | National credits | ECTS |
|----------------------------------------------------|-------------------|-----------|------------|-----------------|-------------|------------|------------|------------|------------------|-----------|
| | Lectures | IALS | Sub Total | Lab study | Field study | Sub Total | | | | |
| Cardiovascular System and Related Disorders | 108 | 0 | 108 | 16 | 0 | 16 | 38 | 162 | 8 | 6 |
| Nervous System and Related Disorders | 145 | 0 | 145 | 28 | 0 | 28 | 42 | 215 | 11 | 8 |
| Growth, Development and Endocrine Disorders | 92 | 0 | 92 | 14 | 0 | 14 | 30 | 136 | 7 | 5 |
| Clinical Medicine and Professional Skills-V | 10 | 24 | 34 | 20 | 20 | 40 | 60 | 134 | 4 | 5 |
| Medical Informatics and Biomedical Technologies-II | 26 | 0 | 26 | 0 | 20 | 20 | 35 | 81 | 3 | 3 |
| Medical English-V | 10 | 10 | 20 | 40 | 0 | 40 | 20 | 80 | 3 | 3 |
| FALL TOTAL | 391 | 34 | 425 | 118 | 40 | 158 | 225 | 808 | 36 | 30 |

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

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

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

Study Time Self Directed Learning, Preparation

YEAR 3 COURSE INFORMATION

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 108 | Credit | ECTS |
|---------------------------------------------|---------|---------------------------|-----------------------|-----|--------|------|
| | | | Practical (Hour) | 16 | | |
| Cardiovascular System and Related Disorders | MED 303 | Fall | Study time (Hour) | 38 | 8 | 6 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr |
| Committe Chairs | Prof. Sinan Dağdelen; sdagdelen@asg.com.tr Assist. Prof. Mehmet Ergen; mehmet.ergen@acibadem.edu.tr |
| Academic Units & Staff | <p>Anatomy: Aytül KIZARAN, M.D., Instructor</p> <p>Biophysics: Beki KAN, Ph.D., Prof. Şule ÖNCÜL, Ph.D., Assist. Prof.</p> <p>Cardiology: Sinan DAĞDELEN, M.D., Prof. Mustafa Kemal BATUR, M.D., Prof. Şevket GÖRGÜLÜ M.D., Prof. Ahmet AKYOL, M.D., Assoc. Prof. F. Seden ERTEN-ÇELİK, M.D., Assoc. Prof. Tuğrul NORGAZ, M.D., Assoc. Prof. Tansu KARAAHMET, M.D., Assist. Prof. Gülcan KURU-ABALI, M.D., Assist. Prof.</p> <p>Cardiovascular Surgery: Tayyar SARIOĞLU, M.D., Prof. Cem ALHAN, M.D., Prof.</p> <p>Child Health and Diseases: Alpay ÇELİKER, M.D., Prof. Günseli BOZDOĞAN, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof.</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof.</p> <p>Infectious Disease: Sesin KOCAGÖZ, M.D., Prof.</p> <p>Medical Biochemistry: Mustafa SERTESER, M.D., Assoc. Prof. Tamer İNAL, M.D., Assist. Prof.</p> <p>Medical Biology: Deniz AĞIRBAŞLI, M.D., Ph.D., Instructor</p> <p>Nuclear Medicine: Erkan VARDARELİ, M.D., Prof.</p> |

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| | <p>Pathology: Aydın SAV, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof.</p> <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology: Güldal GÜLEÇ, M.D., Ph.D., Prof.</p> <p>Public Health: Figen DEMİR, M.D., Assist. Prof.</p> <p>Radiology: Olca ÇİZMELİ, M.D., Assoc. Prof. Özlem BARUTÇU-SAYGILI, M.D., Assoc. Prof.</p> <p>Affiliated Faculty: Filiz ONAT, M.D., Prof. Özlem AYDIN, M.D., Assoc. Prof.</p> |
| Course Duration | 12.09.2011- 21.10.2011 |
| Educational Methods | Theoretical and practical lectures, discussions, seminars |
| Assessment Methods | Theoretical and practical subject committee exams, skills and performance based assessment |
| Course Aims | This committee aims to provide necessary knowledge and skills about the evaluation of a patient, basic principles of diagnosis, therapy and prevention of the cardiovascular system disorders by integration of basic, clinical sciences. |
| Learning Outcomes | <p>At the end of this committee the students will be able to;</p> <ul style="list-style-type: none"> • Define anatomical structure of the heart, great vessels and distal arterial and venous vascular system. • Understand embryonic development of the cardiovascular system and histological ultrastructure of the myocardium, endocardium, pericardium and arterial and venous systems. • Describe the fundamentals of biophysics related to the cardiovascular functions. • Define the functions and regulation of the heart and circulatory system • Describe the imaging algorithm for cardiovascular disorders, • Explain the etiology, mechanisms and therapy of infectious diseases of the cardiovascular system, • Explain the pathological mechanisms and structure of the cardiovascular disorders, • Explain the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatments of cardiovascular disorders, • Describe the epidemiology and prevention of the cardiovascular disorders, • Learn biochemical laboratory markers of lipid metabolisms, homeostatic system, cardiac injuries, heart failure and atherosclerosis, • Learn genetics, biology and inheritance of the cardiovascular disease, • Explain how to approach to the patient with cardiovascular disorders in primary care and cardiac emergencies, • Take the history and make physical examination of cardiovascular system • Distinguish the normal and pathologic cardiovascular findings, • Describe the diagnostic principles of cardiovascular disorders, • Explain the principle approach and therapy of the cardiovascular diseases • Describe indications and principles of cardiovascular surgery |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 145 | Credit | ECTS |
|-----------------------------------------|---------|---------------------------|-----------------------|-----|--------|------|
| | | | Practical (Hour) | 28 | | |
| Nervous System and Related Disorders | MED 305 | Fall | Study time (Hour) | 42 | 11 | 8 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr |
| Committee Chairs | Assist. Prof. Dilaver Kaya; dilaverka@yahoo.com. Assist. Prof. Koray Özdoğan; koray.ozdogan@superonline.com |
| Academic Units & Staff | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Aytül KIZARAN, M.D., Instructor Elif Nedret KESKİNÖZ, MSc., Instructor</p> <p>Biophysics: Beki KAN, Ph.D., Prof.</p> <p>Histology & Embryology: Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Infectious Disease: Sesin KOCAGÖZ, M.D., Prof.</p> <p>Medical Biology: Yavuz OKTAY, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry: Mustafa SERTESER, M.D., Assoc. Prof.</p> <p>Medical Microbiology: Tanıl KOCAGÖZ, M.D. Ph.D., Prof.</p> <p>Neurology: Fehim ARMAN, M.D., Prof. Çiğdem DOĞULU, M.D., Assoc. Prof. Murat KÜRTÜNCÜ., M.D., Assoc. Prof. Dilaver KAYA, M.D., Assist. Prof. Elif ILGAZ AYDINLAR, M.D., Assist. Prof. Pınar YALINAY, M.D., Assist. Prof. Geysu KARLIKAYA, M.D., Assist. Prof.</p> <p>Neurosurgery: M. Necmettin PAMİR, M.D., Prof. Selçuk PEKER, M.D., Prof. Serdar ÖZGEN, M.D., Prof. İlhan ELMACI, M.D., Prof. Koray ÖZDUMAN, M.D., Assoc. Prof. H. İbrahim SUN, M.D., Assist. Prof.</p> <p>Nuclear Medicine: Erkan VARDARELİ, M.D., Prof.</p> <p>Otorhinolaryngology: Hasan TANYERİ, M.D., Prof. Haluk ÖZKARAKAŞ, M.D., Prof. Levent ERİŞEN, M.D., Prof.</p> <p>Pathology: Aydın SAV, M.D., Prof.</p> <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology: Mehmet ERGEN, Ph.D., Assist. Prof.</p> |

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| | <p>Psychiatry: Kültegin ÖGEL, M.D., Prof. Cem İNCESU, M.D., Assoc. Prof. Defne ERASLAN ÖZTÜRK, M.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. Figen DEMİR, M.D., Assist. Prof.</p> <p>Radiology: Canan ERZEN, M.D., Prof. Ercan KARAARSLAN, M.D., Prof. M. Olcay ÇİZMELİ, M.D., Assoc. Prof. Alp DİNÇER, M.D., Assist. Prof.</p> <p>Affiliated faculty: Jasna GÜRBÜZ, M.D., Ph.D. Filiz ONAT, M.D. Prof.</p> |
| Course Duration | 24.10.2011- 16.12.2011 |
| Educational Methods | Theoretical and practical lectures, discussions, seminars |
| Assessment Methods | Theoretical and practical subject committee exams, skills and performance based assessment |
| Course Aims | This course aims to provide an integrated knowledge about the development, structure and physiology of the nervous system and pathogenesis of the disorders related to this system. At the end of this course, third year students will gain knowledge about the signs and symptoms of nervous system disorders, neurological examination, related risk factors, prevention, diagnosis and principles of treatment. |
| Learning Outcomes | <p>At the end of this course students will be able to</p> <ul style="list-style-type: none"> • Explain the normal structure and function of nervous system • Explain the pathologic processes in neurological disorders • Describe the mechanisms of action of the nervous system related drugs • Define the risk factors related to neurological disorders • Describe signs and symptoms of neurological disorders, • Define the prevention of nervous system disorders, approach to diagnosis, principles of treatment • Take the history and make physical examination of neurological system |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 92 | Credit | ECTS |
|---------------------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 14 | | |
| Growth, Development and Endocrine Disorders | MED 307 | Fall | Study time (Hour) | 30 | 7 | 5 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr |
| Committe Chairs | Prof. Alpay Çeliker; alpay.celiker@acibadem.edu.tr Assist.Prof.Özlem Sezgin Meriçliler; ozlem.sezgin@acibadem.edu.tr |
| Academic Units & Staff | <p>Child Health and Diseases: Yasemin ALANAY, M.D., Assoc. Prof. Günseli BOZDOĞAN, M.D., Assist. Prof. Ebru TUĞRUL SARİBEYOĞLU, M.D., Assist. Prof. Ertuğrul ERYILMAZ, M.D., Assist. Prof. Müjde ARAPOĞLU, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof.</p> <p>Internal Medicine: Serpil SALMAN, M.D., Assoc. Prof. Rüştü SERTER, Assoc. Prof. Özlem SEZGİN MERİÇLİLER, M.D., Assist. Prof.</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Tamer İNAL, M.D., Assist. Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Assoc. Prof. Deniz AĞIRBAŞLI, M.D., Ph.D., Instructor</p> <p>Nuclear Medicine: Erkan VARDARELİ, M.D., Prof.</p> <p>Pathology: Ümit İNCE, M.D., Assoc. Prof. Aydın SAV, M.D., Prof</p> <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof</p> <p>Physiology: Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. Figen DEMİR, M.D., Assist. Prof.</p> <p>Affiliated faculty: Jasna GÜRBÜZ, M.D., Ph.D. Filiz ONAT, M.D. Prof. Adnan GÖKÇEL Assoc. Prof. Simay KARA, M.D. Özlem AYDIN, M.D., Assoc. Prof.</p> |

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| Course Duration | 19.11.2011-27.01.2012 |
| Educational Methods | Theoretical and practical lectures, discussions, seminars |
| Assessment Methods | Theoretical and practical subject committee exams, skills and performance based assessment |
| Course Aims | This subject committee aims to provide a broad overview of the field of growth, development, and endocrinology and the principles that are important for the diagnosis, management and prevention of endocrine disorders by complementing basic and clinical science approach. |
| Learning Outcomes | <p>At the end of this committee the students will be able to</p> <ul style="list-style-type: none"> • Explain the normal organ structure of endocrine system • Explain the physiological effects of hormones • Define the basics of hormone synthesis, release, and action • Describe the hereditary basis of endocrine diseases • Define the pathological changes in the organ associated with endocrine system • Interpret the complex relationships of endocrine system with other organ systems and its effects upon development, growth, and metabolism • Define the radiological, nuclear medicine techniques and implement when necessary for the diagnosis and management of endocrine disorders • Define the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatment of the endocrine system disorders. • Describe the importance of endocrine diseases as a public health problem |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 34 | Credit | ECTS |
|---------------------------------------------|---------|---------------------------|-----------------------|----|--------|------|
| | | | Practical (Hour) | 40 | | |
| Clinical Medicine and Professional Skills-V | MED 309 | Fall | Study time (Hour) | 60 | 4 | 5 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus Assoc. Prof. Nadi Bakırcı |
| Committe Chairs | Assoc. Prof. Nadi BAKIRCI nadi.bakirci@acibadem.edu.tr Assoc. Prof. Pınar TOPSEVER pinar.topsever@acibadem.edu.tr |
| Academic Units & Staff | <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor History of Medicine and Ethics Yeşim Işıl ÜLMAN, Ph.D., Assoc. Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Assoc. Prof. Figen DEMİR, M.D., Assist. Prof.</p> <p>Affiliated Faculty Şirin PARKAN M.D.</p> |
| Course Duration | 21.09.20011 - 11.01.2011 |
| Educational Methods | Theoretical and practical sessions, peer discussions, experiential learning, case studies and group presentations. |
| Assessment Methods | Written examination, case analyzing, and group presentations of assignments. |
| Course Aims | <p>This course aims to;</p> <p>Research in Health: <i>EBM-Critical Appraisal of Medical Literature</i> Gain necessary knowledge and skills about basic introduction to the principles of Evidence-Based Practice in medicine, concerning the effective use of medical literature for the diagnosis and the treatment of their patients.</p> <p>Writing a scientific paper To create a learning opportunity for students to gain knowledge and skills related to writing a scientific paper</p> <p>Advanced Communication Skills To enable students to effectively manage difficult situations and sensitive issues during medical interviews using appropriate communication skills</p> |
| Learning Outcomes | <p>By the end of this course, the students will be able to;</p> <p>Research in Health: <i>EBM-Critical Appraisal of Medical Literature</i></p> <ul style="list-style-type: none"> • define Evidence-Based Practice (EBP) • identify EBP searching strategies • define the hierarchy of evidence according to study type • identify key questions that help evaluate the validity of the results of a study • account key questions used in clinical trails and acquire skills for critically appraising the experimental studies, |

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| | <ul style="list-style-type: none"> • account key questions used in studies of harm and acquire skills for critically appraising the observational studies • define validity (sensitivity, specificity, positive and negative predictive values) and reliability • define confounding factors, and random error • define and name the types of bias • interpret study findings, p value and confidence interval Critically evaluate research methodologies and findings <p><i>Writing a scientific paper</i></p> <ul style="list-style-type: none"> • prepare a remarkable and effective title that reflects the content • construct an abstract • organize their data and knowledge obtained from literature review into the appropriate sections (introduction, methods, results, discussion, conclusions) • know the contents of the each sections (introduction, methods, results, discussion, conclusions) • prepare tables and figures • discuss and compare their own results with the other results of published article <p><i>Advanced Communication Skills</i></p> <ul style="list-style-type: none"> • be able to name the steps of the process of breaking bad news • be able to demonstrate the key communication skills necessary for breaking bad news • define “difficult patient” • be aware of the function of communication skills for the management of “difficult patients” • be able to demonstrate necessary communication skills to manage medical interviews with children, elderly, cognitively or sensory communication impaired individuals • be able to manage patient emotions and difficult questions • Be able to effectively communicate and manage needs of patients with different cultural and social background • define and demonstrate communication skills necessary for managing patients in specific clinical contexts (e.g. Emergency Room, Critical Care Unit, Psychiatry) • define and demonstrate communication skills necessary for managing the health care needs of terminal patients and their families and carers. • be aware of the function of non-verbal communication and active listening skills for managing sensitive issues in medical interviews • define “appropriate informed consent” • demonstrate communication skills necessary to seek and obtain appropriate informed consent from patients and/or carers, even in difficult situations (e.g. seeking consent for organ donation) • value the importance of a patient centered approach for seeking informed consent • define the circle of behaviour change • discuss and name methods and communication skills necessary to induce change of risky health behaviour (e.g. brief intervention, motivational interviewing) • value the necessity to act as a positive role model and try to motivate and inspire colleagues when working in teams • obtain key skills for team work: • respect the skills and contributions of your colleagues • communicate effectively with colleagues within and outside the team • make sure that your patients and colleagues understand your role and responsibilities in the team, and who is responsible for each aspect of patient care • participate in regular reviews and audit of the standards and performance of the team, taking steps to remedy any deficiencies • support colleagues who have problems with performance, conduct or health. |
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| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 40 | Credit | ECTS |
|----------------------------------------------------|---------|---------------------------|-----------------------|-----|--------|------|
| | | | Practical (Hour) | 76 | | |
| Medical Informatics and Biomedical Technologies-II | MED 311 | Fall and Spring | Study time (Hour) | 161 | 6 | 6 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr |
| Course Chairs | Prof. Tanıl Kocagöz, tk05-k@tr.net Sinan Fındık, sinan.findik@acibadem.edu.tr |
| Academic Units & Staff | Nurdan TÖZÜN, M.D., Prof. Hasan TANYERİ, M.D., Prof. Canan ERZEN, M.D., Prof. Metem GÜNGÖR, M.D., Prof. Ahmet ŞAHİN, M.D., Prof. Nigar BAYKAN, M.D., Prof. Sinan DAĞDELEN, M.D., Prof. Fehim ARMAN, M.D., Prof. Enis ÖZYAR, M.D., Prof. Erkan VARDARELİ, M.D., Prof. Ercan KARAARSLAN, M.D., Prof. Tayfun BAĞIŞ, M.D., Prof. Fevzi TORAMAN, M.D, Assoc. Prof. Ahmet AKYOL, M.D., Assoc. Prof. F. Seden ERTEN-ÇELİK, M.D., Assoc. Prof. Koray ÖZDUMAN, M.D., Assoc. Prof. Hale Başak ÇAĞLAR, M.D, Assoc. Prof. Bahattin ÇİÇEK, M.D., Assoc. Prof. Özlem PATA, M.D., Assoc. Prof. A. Cem BATUKAN, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Şule ÖNCÜL, Ph.D., Assist. Prof. Mehmet ERGEN, Ph.D., Assist. Prof. Dilaver KAYA, M.D., Assist. Prof. Şenol POLAT, M.D., Assist. Prof. Ümit AKSOY ÖZCAN, M.D., Assist. Prof. Devrim ÖZARSLAN, Ph.D., Assist. Prof. Ersan ALTUN, M.D. Gediz SERİN, M.D. Elif AKSOY, M.D. İlker TÜFEKÇİ, M.D. M. Erdem YILDIZ, M.D., Instructor. Sinan FINDIK, Instructor |
| Course Duration | Whole Education Year |
| Educational Methods | Theoretical and Practical Courses, Discussions, Field Studies |
| Evaluation Methods | Theoretical and Practical Examinations, Homeworks, Presentations, Discussions, Skills, Performance Based Assessment |
| Course Aims | This course aims to provide necessary knowledge about technologies used in medicine for diagnosis and treatment. It aims to achieve this goal by giving information about the basic principles to which these technologies are based on and how these scientific principles are turned into diagnostic and therapeutic tools. It also aims to make students evaluate easier the results of medical tests obtained by the diagnostic instruments and stimulate thinking and discussing about developing these technologies and new application areas. This year's course also aims to apply the knowledge of bioinformatics obtained in previous years to various projects of medicine. |

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| Learning Outcomes | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none">• understand the principles of endoscopic systems used in the examination of respiratory, gastrointestinal and urogenital systems• describe the diagnostic and therapeutic applications of endoscopic systems• explain the scientific concepts that led to the development of imaging techniques like ultrasonography (US), echocardiography, computerized tomography (CT), magnetic resonance imaging (MRI)• understand the use of ventilators and other reanimation instruments• distinguish the similarities and differences between natural and artificial respiratory and circulatory systems• evaluate the results obtained by instruments like electrocardiography (ECG), electromyography (EMG) and electroencephalography (EEG) that measure the electrical activities of the systems and understand the relation between the electric signals and activities of various organ systems.• judge the differences and advantages between classical surgery techniques and robotic, stereotaxic and image-guided surgery• gain knowledge about radiotherapy instruments and their role in tumor treatment• compare the natural kidney functions to dialysis systems and artificial kidneys• understand how laser is used in therapeutic applications in medicine• perform medical research projects using their knowledge of bioinformatics. |
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ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

**YEAR 3
FALL SEMESTER
SCHEDULE**

12.09.2011 MONDAY

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|---------------|--------------------------------------------------------------------------|----------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Introduction to the Year 3 | İsmail Hakkı Ulus , Nadi Bakırcı |
| 10:10 – 10:50 | Introduction to the MED 303: Cardiovascular system and related disorders | Sinan Dağdelen, Mehmet Ergen |
| 11:00 – 11:40 | Heart and pericardium | Aytül Kızaran |
| 11:50 – 12:30 | Heart and pericardium | Aytül Kızaran |
| | | |
| 13:30 – 14:10 | Heart and pericardium | Aytül Kızaran |
| 14:20 – 15:00 | Heart and pericardium | Aytül Kızaran |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

13.09.2011 TUESDAY

| | | |
|---------------|--------------------------------------|-----------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | LAB: Heart and pericardium | Aytül Kızaran |
| 10:10 – 10:50 | LAB: Heart and pericardium | Aytül Kızaran |
| 11:00 – 11:40 | Histology of heart and blood vessels | Gözde Erkanlı Şentürk |
| 11:50 – 12:30 | Great vessels and blood circulation | Aytül Kızaran |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

14.09.2011 WEDNESDAY

| | | |
|---------------|-------------------------------------------|-----------------------|
| 08:30 – 09:10 | Basic concepts of fluid flow | Beki Kan |
| 09:20 – 10:00 | Biophysics of blood vessel systems | Beki Kan |
| 10:10 – 10:50 | Development of cardiovascular system | Serap Arbak |
| 11:00 – 11:40 | Development of cardiovascular system | Serap Arbak |
| 11:50 – 12:30 | The heart as a pump | Güldal Güleç |
| | | |
| 13:30 – 14:10 | Cardiac cycle | Güldal Güleç |
| 14:20 – 15:00 | Cardiac cycle | Güldal Güleç |
| 15:10 – 15:50 | LAB: Histology of heart and blood vessels | Gözde Erkanlı Şentürk |
| 16:00 – 16:40 | LAB: Histology of heart and blood vessels | Gözde Erkanlı Şentürk |

15.09.2011 THURSDAY

| | | |
|---------------|------------------------------------------|---------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Physiological principles of heart sounds | Güldal Güleç |
| 10:10 – 10:50 | LAB: Great vessels and blood circulation | Aytül Kızaran |
| 11:00 – 11:40 | Principles of hemodynamics | Beki Kan |
| 11:50 – 12:30 | Principles of hemodynamics | Beki Kan |
| | | |
| 13:30 – 14:10 | Rhythmical excitation of heart | Güldal Güleç |
| 14:20 – 15:00 | Rhythmical excitation of heart | Güldal Güleç |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

16.09.2011 FRIDAY

| | | |
|---------------|----------------------------------------------------------|---------------|
| 08:30 – 09:10 | Viscosity, laminar and turbulent flow | Beki Kan |
| 09:20 – 10:00 | Bernoulli's equation, the role of gravity in circulation | Beki Kan |
| 10:10 – 10:50 | Regulation of cardiac functions | Güldal Güleç |
| 11:00 – 11:40 | Regulation of blood flow | Güldal Güleç |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical Technologies-II | Efe Onganer |
| | Ventilation and other re-animation equipments | Nigar Baykan |
| | Artificial respiratory systems | Fevzi Toraman |

| 19.09.2011 MONDAY | | |
|-------------------|-----------------------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Regulation of blood flow | Güldal Güleç |
| 09:20 – 10:00 | Regulation of blood pressure | Güldal Güleç |
| 10:10 – 10:50 | Regulation of blood pressure | Güldal Güleç |
| 11:00 – 11:40 | Drugs altering cholinergic neurotransmission in cardiovascular system | İsmail Hakkı Ulus |
| 11:50 – 12:30 | Drugs altering catecholaminergic neurotransmission in cardiovascular system | İsmail Hakkı Ulus |
| | | |
| 13:30 – 14:10 | Electrical fields, potential, potential at a point | Şule Öncül |
| 14:20 – 15:00 | Cardiac pacemakers | Şule Öncül |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 20.09.2011 TUESDAY | | |
|--------------------|----------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Drugs affecting vasopressin and renin-angiotensin system | İsmail Hakkı Ulus |
| 10:10 – 10:50 | Drugs affecting vasopressin and renin-angiotensin system | İsmail Hakkı Ulus |
| 11:00 – 11:40 | Lipoprotein metabolism and hyperlipidemias | Mustafa Serteser |
| 11:50 – 12:30 | Lipoprotein metabolism and hyperlipidemias | Mustafa Serteser |
| | | |
| 13:30 – 14:10 | Circulation through special regions | Güldal Güleç |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 21.09.2011 WEDNESDAY | | |
|----------------------|----------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Drugs affecting NO system | İsmail Hakkı Ulus |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Evidence based medicine</i> | |
| | | |
| 13:30 – 14:10 | Laboratory approach to hemostasis, thrombosis and fibrinolysis | Mustafa Serteser |
| 14:20 – 15:00 | Laboratory approach to hemostasis, thrombosis and fibrinolysis | Mustafa Serteser |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 22.09.2011 THURSDAY | | |
|---------------------|-------------------------------------|----------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Vascular events and atherosclerosis | Tamer İnal |
| 10:10 – 10:50 | Vascular events and atherosclerosis | Tamer İnal |
| 11:00 – 11:40 | Cardiovascular history and symptoms | Şevket Görgülü |
| 11:50 – 12:30 | Physical examination in cardiology | Şevket Görgülü |
| | | |
| 13:30 – 14:10 | CMPS V: Writing a scientific paper | |
| 14:20 – 15:00 | CMPS V: Writing a scientific paper | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 23.09.2011 FRIDAY | | |
|-------------------|---------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Clinical anatomy & physiology of the heart | Gülcan Abalı |
| 09:20 – 10:00 | Clinical anatomy & physiology of the heart | Gülcan Abalı |
| 10:10 – 10:50 | Approach to CVDs in PHC | Efe Onganer |
| 11:00 – 11:40 | Approach to the patient with chest pain in primary care | Pınar Topsever |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical Technologies-II | Şule Öncül |
| | Cardiac diagnostic tests: | Ahmet Akyol |
| | Basic principles of ECG | Seden Erten Çelik |
| | Ecocardiography and stress tests | Sinan Dağdelen |
| | Cardiac catheterization and coronary angiography | |

26.09.2011 MONDAY

| | | |
|---------------|----------------------------------|-----------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Radiology of the cardiac system | Özlem Saygılı Barutçu |
| 10:10 – 10:50 | Radiology of the cardiac system | Özlem Saygılı Barutçu |
| 11:00 – 11:40 | Cyanosis | Alpay Çeliker |
| 11:50 – 12:30 | Fetal Cardiology | Alpay Çeliker |
| 13:30 – 14:10 | Radiology of the Vascular system | Olca Çizmeli |
| 14:20 – 15:00 | Radiology of the Vascular system | Olca Çizmeli |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

27.09.2011 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 | | |
| 14:20 – 15:00 | MED 303 Mid-committee Examination | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

28.09.2011 WEDNESDAY

| | | |
|---------------|---------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Congenital Heart Diseases | Alpay Çeliker |
| 09:20 – 10:00 | Congenital Heart Diseases | Alpay Çeliker |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırca |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Error sources in epidemiological studies</i> | |
| 13:30 – 14:10 | Pathophysiology of heart failure | Seden Erten Çelik |
| 14:20 – 15:00 | Right and left heart failure: diagnosis and treatment | Tansu Karaahmet |
| 15:10 – 15:50 | Laboratory approach to heart failure and cardiac injury | Tamer İnal |
| 16:00 – 16:40 | Laboratory approach to heart failure and cardiac injury | Tamer İnal |

29.09.2011 THURSDAY

| | | |
|---------------|---------------------------------------------------------|-------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | Drug treatment of heart failure | Filiz Onat |
| 11:50 – 12:30 | Systemic hypertension: mechanisms and diagnosis | Seden Erten Çelik |
| 13:30 – 14:10 | Atherosclerosis and hypertensive vascular diseases | Aydın Sav |
| 14:20 – 15:00 | Atherosclerosis and hypertensive vascular diseases | Aydın Sav |
| 15:10 – 15:50 | LAB: Atherosclerosis and hypertensive vascular diseases | Aydın Sav |
| 16:00 – 16:40 | LAB: Atherosclerosis and hypertensive vascular diseases | Aydın Sav |

30.09.2011 FRIDAY

| | | |
|---------------|--------------------------------------------------------------------------------|------------------------------------------|
| 08:30 – 09:10 | Drug treatment of hypertension | Filiz Onat |
| 09:20 – 10:00 | Drug treatment of hypertension | Filiz Onat |
| 10:10 – 10:50 | Coronary blood flow and myocardial ischemia | Mustafa Kemal Batur |
| 11:00 – 11:40 | Myocardial infarction: mechanisms and diagnosis | Mustafa Kemal Batur |
| 11:50 – 12:30 | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies-II Cardiac MR Cardiac CT | Ercan Karaaslan Özlem Saygılı Barutçu |

| 03.10.2011 MONDAY | | |
|-------------------|-----------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | ECG: ischemia, injury ,necrosis | Sinan Dağdelen |
| 09:20 – 10:00 | Vascular biology and atherosclerosis | Gülcan Abalı |
| 10:10 – 10:50 | Hemostasis, thrombosis, fibrinolysis and cardiovascular disease | Gülcan Abalı |
| 11:00 – 11:40 | Ischemic heart disease | Özlem Aydın |
| 11:50 – 12:30 | Ischemic heart disease | Özlem Aydın |
| 13:30 – 14:10 | Drug treatment of myocardial ischemia | İsmail Hakkı Ulus |
| 14:20 – 15:00 | Approach to the patient with emergency chest pain | Sinan Dağdelen |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | Study Time | |

| 04.10.2011 TUESDAY | | |
|--------------------|---------------------------------------------------|-------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Lipoprotein disorders and cardiovascular diseases | Tuğrul Norgaz |
| 10:10 – 10:50 | ECG: atrial & ventricular basic pathologies | Ahmet Akyol |
| 11:00 – 11:40 | ECG: ectopic beats, tachycardias | Ahmet Akyol |
| 11:50 – 12:30 | ECG: Bradycardia and heart blocks | Seden Erten Çelik |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 05.10.2011 WEDNESDAY | | |
|----------------------|--------------------------------------------------------------------------|-------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Coronary heart disease: Primary prevention | Şevket Görgülü |
| 10:10 – 10:50 | Vasculitis | Aydın Sav |
| 11:00 – 11:40 | Cardiac Infections | Sesin Kocagöz |
| 11:50 – 12:30 | Cardiac Infections | Sesin Kocagöz |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Drug treatment of atherosclerosis- hypercholesterolemia and dyslipidemia | İsmail Hakkı Ulus |
| 15:10 – 15:50 | Drug treatment of atherosclerosis- hypercholesterolemia and dyslipidemia | İsmail Hakkı Ulus |
| 16:00 – 16:40 | Study Time | |

| 06.10.2011 THURSDAY | | |
|---------------------|-----------------------------------|------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Blood stream invasion and sepsis | Hülya Kuşoğlu |
| 10:10 – 10:50 | Rheumatic Fever | Günseli Bozdoğan |
| 11:00 – 11:40 | Valvular diseases of heart | Ümit İnce |
| 11:50 – 12:30 | Nuclear Cardiology | Erkan Vardereci |
| 13:30 – 14:10 | CMPS V: Research in Health | |
| 14:20 – 15:00 | <i>Writing a scientific paper</i> | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 07.10.2011 FRIDAY | | |
|-------------------|------------------|--|
| 08:30 – 09:10 | Opening Ceremony | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

10.10.2011 MONDAY

| | | |
|---------------|-----------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Valvular heart diseases | Şevket Görgülü |
| 10:10 – 10:50 | Drug treatment of cardiac arrhythmia | Filiz Onat |
| 11:00 – 11:40 | Cardiovascular molecular biology and genetics | Deniz Ağırbaşı |
| 11:50 – 12:30 | Clinical evaluation of hereditary cardiovascular diseases | Tansu Karaahmet |
| 13:30 – 14:10 | Genetic and metabolic cardiomyopathies | Alpay Çeliker |
| 14:20 – 15:00 | Neoplastic diseases of heart and blood vessels | Özlem Aydın |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

11.10.2011 TUESDAY

| | | |
|---------------|----------------------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Introduction to Surgical Management of Adult Cardiovascular Heart Diseases | Cem Alhan |
| 09:20 – 10:00 | Hypotension and syncope: mechanisms and diagnosis | Tuğrul Norgaz |
| 10:10 – 10:50 | Aortic diseases | Tuğrul Norgaz |
| 11:00 – 11:40 | Cardiac shock | Tansu Karaahmet |
| 11:50 – 12:30 | Cardiomyopathies | Tansu Karaahmet |
| 13:30 – 14:10 | Atrial and ventricular fibrillation | Ahmet Akyol |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical ENGLISH | |

12.10.2011 WEDNESDAY

| | | |
|---------------|----------------------------------------------------------|-----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Skills Related to Subject Committee | Tansu Karaahmet |
| 10:10 – 10:50 | | Pınar Topsever |
| 11:00 – 11:40 | <i>Peripheral artery & vein exam, BP measurement</i> | Melike Şahiner |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Skills Related to Subject Committee | Sinan Dağdelen |
| 15:10 – 15:50 | | Pınar Topsever |
| 16:00 – 16:40 | <i>Cardiac auscultation</i> | Melike Şahiner |

13.10.2011 THURSDAY

| | | |
|---------------|--------------------------------------------------------|-------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Skills Related to Subject Committee | Ahmet Akyol |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | <i>ECG recording and evaluation</i> | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | CMPS V: Research in Health | |
| 14:20 – 15:00 | <i>Writing a scientific paper</i> | |
| 15:10 – 15:50 | Epidemiology and prevention of cardiovascular diseases | Figen Demir |
| 16:00 – 16:40 | Epidemiology and prevention of cardiovascular diseases | Figen Demir |

14.10.2011 FRIDAY

| | | |
|---------------|--------------------------------------------|---------------------|
| 08:30 – 09:10 | General Principles of CV Surgery | Tayyar Sarıoğlu |
| 09:20 – 10:00 | The diseases of arterial and venous system | Mustafa Kemal Batur |
| 10:10 – 10:50 | The diseases of arterial and venous system | Mustafa Kemal Batur |
| 11:00 – 11:40 | Pulmonary Hypertension | Alpay Çeliker |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | | |

| 17.10.2011 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 | |

| 18.10.2011 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 | |

| 19.10.2011 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 | |

| 20.10.2011 THURSDAY | | |
|---------------------|-------------------------------------------------|--|
| 08:30 – 09:10 | MED 303 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 | | |

| 21.10.2011 FRIDAY | | |
|-------------------|---------------------------------------------------|--|
| 08:30 – 09:10 | MED 303 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 | | |

24.10.2011 MONDAY

| | | |
|---------------|---------------------------------------------------------------|-----------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Introduction to MED 305: Nervous System and Related Disorders | Dilaver Kaya, Koray Özdoğan |
| 10:10 – 10:50 | Cerebral cortex | Aytül Kızaran |
| 11:00 – 11:40 | General organization of cerebral cortex | Mehmet Ergen |
| 11:50 – 12:30 | Cerebral hemisphere | Jasna Gürbüz |
| | | |
| 13:30 – 14:10 | Regulation of motor functions: cerebral cortex and brain stem | Mehmet Ergen |
| 14:20 – 15:00 | Regulation of motor functions: cerebral cortex and brain stem | Mehmet Ergen |
| 15:10 – 15:50 | LAB: Anatomy | |
| 16:00 – 16:40 | | |

25.10.2011 TUESDAY

| | | |
|---------------|-------------------------------------------------------------|---------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Regulation of motor functions: cerebellum and basal ganglia | Mehmet Ergen |
| 10:10 – 10:50 | Regulation of motor functions: cerebellum and basal ganglia | Mehmet Ergen |
| 11:00 – 11:40 | Medulla oblongata | Aymelek Yalın |
| 11:50 – 12:30 | Pons | Aymelek Yalın |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

26.10.2011 WEDNESDAY

| | | |
|---------------|----------------------------|----------------|
| 08:30 – 09:10 | Mesencephalon | Aymelek Yalın |
| 09:20 – 10:00 | Cerebellum | Aymelek Yalın |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Clinical trials</i> | Pınar Topsever |
| | | |
| 13:30 – 14:10 | Study time | |
| 14:20 – 15:00 | LAB: Anatomy | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

27.10.2011 THURSDAY

| | | |
|---------------|----------------------------------------------|---------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Synaptic transmission in learning and memory | Beki Kan |
| 10:10 – 10:50 | Synaptic transmission in learning and memory | Beki Kan |
| 11:00 – 11:40 | Thalamus | Aymelek Yalın |
| 11:50 – 12:30 | Study Time | |
| | | |
| 13:30 – 14:10 | CMPS V: | |
| 14:20 – 15:00 | Writing a scientific paper | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | Medical English | |

28.10.2011 FRIDAY

| | | |
|---------------|---------------|---------------|
| 08:30 – 09:10 | Diencephalon | Elif Keskinöz |
| 09:20 – 10:00 | Basal ganglia | Elif Keskinöz |
| 10:10 – 10:50 | Limbic System | Mehmet Ergen |
| 11:00 – 11:40 | Limbic System | Mehmet Ergen |
| 11:50 – 12:30 | Study time | |
| | | |
| 13:30 – 16:40 | Republic Day | |

| 31.10.2011 MONDAY | | |
|-------------------|----------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Histology of Cerebrum, Cerebellum and Spinal Cord: An Overview | Deniz Yücel |
| 09:20 – 10:00 | Developmet of the Nervous System | Gözde E. Şentürk |
| 10:10 – 10:50 | Developmet of the Nervous System | Gözde E. Şentürk |
| 11:00 – 11:40 | LAB: Anatomy | |
| 11:50 – 12:30 | Neurotransmitters | Mustafa Serteser |
| | | |
| 13:30 – 14:10 | Neurotransmitters | Mustafa Serteser |
| 14:20 – 15:00 | Cranial nerves | Elif Keskinöz |
| 15:10 – 15:50 | Cranial nerves | Elif Keskinöz |
| 16:00 – 16:40 | Cranial nerves | Elif Keskinöz |

| 01.11.2011 TUESDAY | | |
|--------------------|-------------------------------------------|--------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | LAB: Anatomy (Cranial nerves) | |
| 10:10 – 10:50 | Eye, visual pathway | Jasna Gürbüz |
| 11:00 – 11:40 | Eye, visual pathway | Jasna Gürbüz |
| 11:50 – 12:30 | Ear auditory pathway & vestibulary system | Jasna Gürbüz |
| | | |
| 13:30 – 14:10 | Visual and auditory cortices | Mehmet Ergen |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 02.11.2011 WEDNESDAY | | |
|----------------------|------------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | LAB: Anatomy (Eye, visual / ear auditory pathway & vestibulary system) | |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Critical appraisal of a randomized clinical trial</i> | Pınar Topsever |
| | | |
| 13:30 – 14:10 | Study time | |
| 14:20 – 15:00 | Meninges and dural sinuses of brain | Aytül Kızaran |
| 15:10 – 15:50 | Meninges and dural sinuses of brain | Aytül Kızaran |
| 16:00 – 16:40 | | |

| 03.11.2011 THURSDAY | | |
|---------------------|--------------------------------------------------------|---------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Brain ventricles and circulation of CSF | Aymelek Yalın |
| 10:10 – 10:50 | LAB: Anatomy (Meninges and dural sinuses of brain) | |
| 11:00 – 11:40 | LAB: Anatomy (Brain ventricles and circulation of CSF) | |
| 11:50 – 12:30 | Regulation of cerebral blood flow and CSF circulation | Mehmet Ergen |
| | | |
| 13:30 – 14:10 | CMPS V: | |
| 14:20 – 15:00 | Writing a scientific paper | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | Medical English | |

| 04.11.2011 FRIDAY | | |
|-------------------|-------------------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Biochemical aspects of neurological disease | Mustafa Serteser |
| 09:20 – 10:00 | Biochemical aspects of neurological disease | Mustafa Serteser |
| 10:10 – 10:50 | Drug transport from blood brain barrier | İsmail H. Ulus |
| 11:00 – 11:40 | Study time | |
| 11:50 – 12:30 | Study time | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II Neuroimaging modalities - I | Alp Dinçer |
| | | Ercan Karaaslan |
| | | Simay Kara |
| | | |

07.11.2011 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 | |

08.11.2011 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 – 16:40 | |

09.11.2011 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 | |

10.11.2011 THURSDAY

| | | |
|---------------|---------------------------------|---------------|
| 08:30 – 09:10 | Commemoration of Atatürk | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Signs and symptoms in Neurology | Çiğdem Doğulu |
| 14:20 – 15:00 | Signs and symptoms in Neurology | Çiğdem Doğulu |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

11.11.2011 FRIDAY

| | | |
|---------------|-----------------------------------------------------|------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Laboratory evaluation of CSF | Mustafa Serteser |
| 10:10 – 10:50 | Laboratory evaluation of CSF | Mustafa Serteser |
| 11:00 – 11:40 | Acute Meningitis | Sesin Kocagöz |
| 11:50 – 12:30 | Acute Meningitis | Sesin Kocagöz |
| 13:30 – 14:10 | Chronic Meningitis | Tanıl Kocagöz |
| 14:20 – 15:00 | Pathology of central nervous system infections | Aydın Sav |
| 15:10 – 15:50 | LAB: Pathology of central nervous system infections | Aydın Sav |
| 16:00 – 16:40 | | |

| 14.11.2011 MONDAY | | |
|-------------------|----------------------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Nervous system infections | Murat Kürtüncü |
| 10:10 – 10:50 | Diagnosis in psychiatry and classification of mental disorders | Kültegin Ögel |
| 11:00 – 11:40 | Encephalitis | Sesin Kocagöz |
| 11:50 – 12:30 | Encephalitis | Sesin Kocagöz |
| | | |
| 13:30 – 14:10 | Study time | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

| 15.11.2011 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 | | |
| 14:20 – 15:00 | MED 305 Mid-Committee Examination | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 16.11.2011 WEDNESDAY | | |
|----------------------|----------------------------------------------------------|----------------|
| 08:30 – 09:10 | Mood disorders | Cem İncesu |
| 09:20 – 10:00 | Mood disorders | Cem İncesu |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Critical appraisal of a randomized clinical trial</i> | Pınar Topsever |
| | | |
| 13:30 – 14:10 | Study time | |
| 14:20 – 15:00 | Drugs for mood disorders | İsmail H. Ulus |
| 15:10 – 15:50 | Anxiety disorders | Cem İncesu |
| 16:00 – 16:40 | Anxiety disorders | Cem İncesu |

| 17.11.2011 THURSDAY | | |
|---------------------|-----------------------------------------------------------------|---------------------|
| 08:30 – 09:10 | Hypnotics and sedatives | İsmail H. Ulus |
| 09:20 – 10:00 | Drugs altering serotonergic and histaminergic neurotransmission | İsmail H. Ulus |
| 10:10 – 10:50 | Headache | Elif Ilgaz Aydınlar |
| 11:00 – 11:40 | Headache | Elif Ilgaz Aydınlar |
| 11:50 – 12:30 | Drugs for headache | İsmail H. Ulus |
| | | |
| 13:30 – 14:10 | CMPS V: | |
| 14:20 – 15:00 | Writing a scientific paper | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 18.11.2011 FRIDAY | | |
|-------------------|--------------------------------------------------------------------------------------|---------------------------------------------|
| 08:30 – 09:10 | Drugs altering opioidergic neurotransmission:opioid analgesics | Filiz Onat |
| 09:20 – 10:00 | Drugs altering opioidergic neurotransmission:opioid analgesics | Filiz Onat |
| 10:10 – 10:50 | Symptom management of “headache” in primary care | Pınar Topsever |
| 11:00 – 11:40 | Principles of cerebral localization | Aydın Sav |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II Neuroimaging modalities - II | Alp Dinçer Ercan Karaaslan Simay Kara |

21.11.2011 MONDAY

| | | |
|---------------|--------------------------------------------------|---------------|
| 08:30 – 09:10 | Autonomic Nervous System | Jasna Gürbüz |
| 09:20 – 10:00 | Autonomic Nervous System | Jasna Gürbüz |
| 10:10 – 10:50 | Extrapyramidal system disorders | Çiğdem Doğulu |
| 11:00 – 11:40 | Pathology of toxic and nutritional diseases | Aydın Sav |
| 11:50 – 12:30 | LAB: Pathology of toxic and nutritional diseases | Aydın Sav |
| 13:30 – 14:10 | LAB: Anatomy (Autonomic Nervous System) | |
| 14:20 – 15:00 | Pathology of neurometabolic diseases | Aydın Sav |
| 15:10 – 15:50 | LAB: Pathology of neurometabolic diseases | Aydın Sav |
| 16:00 – 16:40 | | |

22.11.2011 TUESDAY

| | | |
|---------------|----------------------------------------------------------|---------------|
| 08:30 – 09:10 | Epilepsy | Fehim Arman |
| 09:20 – 10:00 | Epilepsy | Fehim Arman |
| 10:10 – 10:50 | Epilepsy in childhood | Uğur Işık |
| 11:00 – 11:40 | Drugs altering glutamatergic/gabaergic neurotransmission | Filiz Onat |
| 11:50 – 12:30 | Drugs for convulsions and epilepsies | Filiz Onat |
| 13:30 – 14:10 | Drugs for convulsions and epilepsies | Filiz Onat |
| 14:20 – 15:00 | Vessels of central nervous system | Aymelek Yalın |
| 15:10 – 15:50 | LAB: Anatomy (Vessels of central nervous system) | |
| 16:00 – 16:40 | | |

23.11.2011 WEDNESDAY

| | | |
|---------------|-------------------------------------------------------|----------------|
| 08:30 – 09:10 | Pathology of cerebrovascular disease | Aydın Sav |
| 09:20 – 10:00 | LAB: Pathology of cerebrovascular disease | Aydın Sav |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | Critical appraisal of a cohort study | Pınar Topsever |
| 13:30 – 14:10 | Cerebrovascular disease | Dilaver Kaya |
| 14:20 – 15:00 | Cerebrovascular disease | Dilaver Kaya |
| 15:10 – 15:50 | Substance related disorders | Kültegin Ögel |
| 16:00 – 16:40 | Epidemiology and prevention of neurological disorders | Figen Demir |

24.11.2011 THURSDAY

| | | |
|---------------|--------------------------------------------------|-------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | General and local anesthetics | Filiz Onat |
| 10:10 – 10:50 | Alcohol, nicotine, stimulants and drug addiction | Filiz Onat |
| 11:00 – 11:40 | Diagnostic procedures in neurosurgery | M Necmettin Pamir |
| 11:50 – 12:30 | Intracranial tumors | M Necmettin Pamir |
| 13:30 – 14:10 | CMPS V: | |
| 14:20 – 15:00 | Writing a scientific paper | |
| 15:10 – 15:50 | Pediatric Intracranial tumors | Koray Özduman |
| 16:00 – 16:40 | Increased intracranial pressure | Koray Özduman |

25.11.2011 FRIDAY

| | | |
|---------------|------------------------------------------|--------------|
| 08:30 – 09:10 | Diagnostic Imaging: Brain | Alp Dinçer |
| 09:20 – 10:00 | Diagnostic Imaging: Brain | Alp Dinçer |
| 10:10 – 10:50 | Nervous system tumors | Aydın Sav |
| 11:00 – 11:40 | LAB: Nervous system tumors | Aydın Sav |
| 11:50 – 12:30 | Brain edema and mass effect | Aydın Sav |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Drugs for psychosis and mania | Filiz Onat |
| 15:10 – 15:50 | Head traumas | İlhan Elmacı |
| 16:00 – 16:40 | Stereotactic and functional neurosurgery | Selçuk Peker |

| 28.11.2011 MONDAY | | |
|-------------------|--------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Neurodegenerative diseases and dementia | Aydın Sav |
| 10:10 – 10:50 | LAB: Neurodegenerative diseases and dementia | Aydın Sav |
| 11:00 – 11:40 | Dementia, delirium, amnestic and other cognitive disorders | Defne Eraslan |
| 11:50 – 12:30 | Approach to the patient with blurred consciousness in primary care | Pınar Topsever |
| 13:30 – 14:10 | Drugs altering brain cholinergic neurotransmission | İsmail H. Ulus |
| 14:20 – 15:00 | Drugs altering brain catecholaminergic neurotransmission | İsmail H. Ulus |
| 15:10 – 15:50 | Drugs for neurodegenerative diseases | İsmail H. Ulus |
| 16:00 – 16:40 | | |

| 29.11.2011 TUESDAY | | |
|--------------------|---------------------------------------------|---------------|
| 08:30 – 09:10 | Surgery of cerebrovascular diseases | İlhan Elmacı |
| 09:20 – 10:00 | Interventional Neuroradiology | Olca Çizmeli |
| 10:10 – 10:50 | Pathology of demyelinating diseases | Aydın Sav |
| 11:00 – 11:40 | LAB: Pathology of demyelinating diseases | Aydın Sav |
| 11:50 – 12:30 | Schizophrenia and other psychotic disorders | Defne Eraslan |
| 13:30 – 14:10 | Schizophrenia and other psychotic disorders | Defne Eraslan |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 30.11.2011 WEDNESDAY | | |
|----------------------|---------------------------------------------|----------------|
| 08:30 – 09:10 | Psychotherapies | Kültegin Ögel |
| 09:20 – 10:00 | Psychiatric emergencies | Kültegin Ögel |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Critical appraisal of a cohort study</i> | |
| 13:30 – 14:10 | | Pınar Topsever |
| 14:20 – 15:00 | | Demet Dinç |
| 15:10 – 15:50 | CMPS V: Advance Communication Skills | Melike Şahiner |
| 16:00 – 16:40 | | Şirin Parkan |

| 01.12.2011 THURSDAY | | |
|---------------------|---------------------------------------------------|-----------------|
| 08:30 – 09:10 | Genetic basis of neurological diseases | Yavuz Oktay |
| 09:20 – 10:00 | Genetic basis of neurological diseases | Yavuz Oktay |
| 10:10 – 10:50 | Pathology of craniocerebral trauma | Aydın Sav |
| 11:00 – 11:40 | LAB: Pathology of craniocerebral trauma | Aydın Sav |
| 11:50 – 12:30 | Pineal gland pathology | Aydın Sav |
| 13:30 – 14:10 | Clinical problems of peripheral vestibular system | Haluk Özkarakaş |
| 14:20 – 15:00 | Conductive and sensoryneural hearing problems | Levent Erişen |
| 15:10 – 15:50 | Diagnostic Imaging: Head and Neck | Canan Erzen |
| 16:00 – 16:40 | | |

| 02.12.2011 FRIDAY | | |
|-------------------|------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Autoimmune and demyelinating disease of the nervous system | Murat Kürtüncü |
| 09:20 – 10:00 | Autoimmune and demyelinating disease of the nervous system | Murat Kürtüncü |
| 10:10 – 10:50 | Clinical evaluation of cranial nerves | Geysu Karlıkaya |
| 11:00 – 11:40 | Otolaryngological presentations of cranial nerve palsies | Hasan Tanyeri |
| 11:50 – 12:30 | Spinal cord anatomy | Aymelek Yalın |
| 13:30 – 14:10 | Spinal cord tracts: ascending | Aymelek Yalın |
| 14:20 – 15:00 | Spinal cord tracts: descending | Aymelek Yalın |
| 15:10 – 15:50 | Reflexes | Mehmet Ergen |
| 16:00 – 16:40 | Reflexes | Mehmet Ergen |

05.12. 2011 MONDAY

| | | |
|---------------|------------------------------------------|----------------------|
| 08:30 – 09:10 | LAB: Anatomy (Spinal cord) | |
| 09:20 – 10:00 | Spinal cord pathology | Aydın Sav |
| 10:10 – 10:50 | Diagnostic Imaging: Spine | Ercan Karaaslan |
| 11:00 – 11:40 | Motor neuron disorders | Elif Ilgaz Aydınlar |
| 11:50 – 12:30 | Developmental delay - mental retardation | Uğur Işık |
| 13:30 – 14:10 | Mechanism of Pain | Elif Akpek |
| 14:20 – 15:00 | Modulation and Control of Pain | Serpil Ustalar Özgen |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

06.12. 2011 TUESDAY

| | | |
|---------------|------------------------------------|----------------|
| 08:30 – 09:10 | Pain relief by surgical methods | Selçuk Peker |
| 09:20 – 10:00 | Spinal cord traumas | Serdar Özgen |
| 10:10 – 10:50 | Disc herniations | Serdar Özgen |
| 11:00 – 11:40 | Pathology of peripheral nerve | Aydın Sav |
| 11:50 – 12:30 | LAB: Pathology of peripheral nerve | Aydın Sav |
| 13:30 – 14:10 | Surgery of peripheral nerves | H. Ibrahim Sun |
| 14:20 – 15:00 | Spinal cord compression syndromes | Koray Özduvan |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

07.12. 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 | Skills Related to Subject Committee | |
| 14:20 – 15:00 | <i>Nervous System and Related Disorders</i> | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

08.12. 2011 THURSDAY

| | | |
|---------------|-------------------------------------------|-----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Neuromuscular disorders | Uğur Işık |
| 10:10 – 10:50 | Cerebral palsy | Uğur Işık |
| 11:00 – 11:40 | Diagnostic Imaging: Pediatrics | Ercan Karaaslan |
| 11:50 – 12:30 | Nervous system malformations | Aydın Sav |
| 13:30 – 14:10 | Pathology of muscle | Aydın Sav |
| 14:20 – 15:00 | Muscle and neuromuscular junction disease | Pınar Yalınay |
| 15:10 – 15:50 | Peripheral nerve disorders | Pınar Yalınay |
| 16:00 – 16:40 | Pediatric Neurosurgery | Koray Özduvan |

09.12. 2011 FRIDAY

| | | |
|---------------|------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Disorders of consciousness and coma | Geysu Karlıkaya |
| 10:10 – 10:50 | Dementia | Geysu Karlıkaya |
| 11:00 – 11:40 | Nuclear Medicine in Neurological and Psychiatric Diagnosis | Erkan Vardereci |
| 11:50 – 12:30 | Occupational neurological disorders | Nadi Bakırcı |
| 13:30 – 14:10 | Medical informatics and biomedical technologies - II | Mehmet Ergen |
| 14:20 – 15:00 | EEG | Koray Özduvan |
| 15:10 – 15:50 | Stereotaxic and image guided surgery | Dilaver Kaya |
| 16:00 – 16:40 | | |

| 12.12. 2011 MONDAY | |
|--------------------|------------|
| 08:30 – 09:10 | Study time |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 13.12. 2011 TUESDAY | |
|---------------------|------------|
| 08:30 – 09:10 | Study time |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 14.12. 2011 WEDNESDAY | |
|-----------------------|------------|
| 08:30 – 09:10 | Study time |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 15.12. 2011 THURSDAY | |
|----------------------|-----------------------------------------|
| 08:30 – 09:10 | MED 305 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 | |

| 16.12. 2011 FRIDAY | |
|--------------------|-------------------------------------------|
| 08:30 – 09:10 | MED 305 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 | |

19.12. 2011 MONDAY

| | | |
|---------------|-----------------------------------------------------------------------|------------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Introduction to MED 307: Growth, Development & Endocrine Disorders | Alpay Çeliker, Özlem S. Meriçliler |
| 10:10 – 10:50 | Development of endocrine organs | Gözde E. Şentürk |
| 11:00 – 11:40 | Histology of the Pituitary Gland, Pineal Gland and Endocrine Pancreas | Serap Arbak |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | General principles of hormone actions | Tamer İnal |
| 14:20 – 15:00 | General principles of hormone actions | Tamer İnal |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

20.12. 2011 TUESDAY

| | | |
|---------------|------------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | The structure and classification of hormones | Tamer İnal |
| 10:10 – 10:50 | Mechanism and signal transduction and hormone action | Tamer İnal |
| 11:00 – 11:40 | Endocrine functions of hypothalamus | Melike Şahiner |
| 11:50 – 12:30 | Hypothalamic-pituitary axis; pituitary hormones | Melike Şahiner |
| | | |
| 13:30 – 14:10 | Hypothalamic-pituitary axis; pituitary hormones | Melike Şahiner |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

21.12. 2011 WEDNESDAY

| | | |
|---------------|----------------------------------------------------------------|-----------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Biosynthesis and metabolism of somatotropin and growth factors | Tamer İnal |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı Figen Demir |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | <i>Critical appraisal of a case control study</i> | |
| | | |
| 13:30 – 14:10 | | Pınar Topsever |
| 14:20 – 15:00 | | Demet Dinç |
| 15:10 – 15:50 | CMPS-V | Melike Şahiner |
| 16:00 – 16:40 | Advance Communication Skills | Şirin Parkan |

22.12. 2011 THURSDAY

| | | |
|---------------|-------------------------------------------------------|-------------------------|
| 08:30 – 09:10 | Anterior pituitary diseases | Özlem Sezgin Meriçliler |
| 09:20 – 10:00 | Anterior pituitary diseases | Özlem Sezgin Meriçliler |
| 10:10 – 10:50 | Hereditary basis of growth hormone deficiency | Cengiz Yakıcıer |
| 11:00 – 11:40 | Pathology of pituitary and hypothalamus | Aydın Sav |
| 11:50 – 12:30 | LAB: Pathology of pituitary and hypothalamus | Aydın Sav |
| | | |
| 13:30 – 14:10 | Pituitary hormones and hypothalamic releasing factors | Filiz Onat |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | Medical English | |

23.12. 2011 FRIDAY

| | | |
|---------------|----------------------------------------------------------------------------------|--------------------------|
| 08:30 – 09:10 | Radiology of the pituitary and the hypo-thalamic axis | Simay Kara |
| 09:20 – 10:00 | Radiology of the pituitary and the hypo-thalamic axis | Simay Kara |
| 10:10 – 10:50 | Thyroid and parathyroid gland anatomy | Jasna Gürbüz |
| 11:00 – 11:40 | Pancreas and adrenal gland anatomy | Jasna Gürbüz |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II Radiotherapy Instruments | Enis Özyar Hale Başak |

| 26.12. 2011 MONDAY | | |
|--------------------|---------------------------------------------------------|----------------|
| 08:30 – 09:10 | Histology of the Thyroid, Parathyroid and Adrenal Gland | Serap Arbak |
| 09:20 – 10:00 | Growth and development (Interactive Module) | |
| 10:10 – 10:50 | Growth and development (Interactive Module) | |
| 11:00 – 11:40 | Study time for Interactive Module | |
| 11:50 – 12:30 | Study time for Interactive Module | |
| 13:30 – 14:10 | Biosynthesis and metabolism of thyroid hormones | Aysel Özpınar |
| 14:20 – 15:00 | Thyroid hormones | Melike Şahiner |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 27.12. 2011 TUESDAY | | |
|---------------------|----------------------------------------------------|-------------------------|
| 08:30 – 09:10 | Approach to thyroid disorders in primary care | Efe Onganer |
| 09:20 – 10:00 | Thyroid gland diseases | Özlem Sezgin Meriçliler |
| 10:10 – 10:50 | Thyroid gland diseases | Özlem Sezgin Meriçliler |
| 11:00 – 11:40 | Pathology of thyroid and parathyroid diseases | Ümit İnce |
| 11:50 – 12:30 | Pathology of thyroid and parathyroid diseases | Ümit İnce |
| 13:30 – 14:10 | LAB: Pathology of thyroid and parathyroid diseases | Ümit İnce |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 28.12. 2011 WEDNESDAY | | |
|-----------------------|---------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Critical appraisal of a case control study</i> | |
| 13:30 – 14:10 | | Pınar Topsever |
| 14:20 – 15:00 | | Demet Dinç |
| 15:10 – 15:50 | CMPS-V: Advance Communication Skills | Melike Şahiner |
| 16:00 – 16:40 | | Şirin Parkan |

| 29.12. 2011 THURSDAY | | |
|----------------------|-------------------------------------------------------|-------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Pharmacology of Thyroid hormones and antityroid drugs | İsmail Hakkı Ulus |
| 10:10 – 10:50 | Pharmacology of Thyroid hormones and antityroid drugs | İsmail Hakkı Ulus |
| 11:00 – 11:40 | Biosynthesis and metabolism of pancreatic hormones | Tamer İnal |
| 11:50 – 12:30 | Biosynthesis and metabolism of pancreatic hormones | Tamer İnal |
| 13:30 – 14:10 | Endocrine functions of the pancreas | Melike Şahiner |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 30.12. 2011 FRIDAY | | |
|--------------------|--------------------------------------------------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Endocrine pancreas and diabetes mellitus | Serpil Salman |
| 09:20 – 10:00 | Endocrine pancreas and diabetes mellitus | Serpil Salman |
| 10:10 – 10:50 | Endocrine pancreas and diabetes mellitus | Serpil Salman |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II PET and other instrument used in nuclear medic | Erkan Vardareli |

02.01.2012 MONDAY

| | | |
|---------------|---------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Growth and development (Interactive Module) | |
| 10:10 – 10:50 | Growth and development (Interactive Module) | |
| 11:00 – 11:40 | Study time for Interactive Module | |
| 11:50 – 12:30 | Study time for Interactive Module | |
| | | |
| 13:30 – 14:10 | Study time | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

03.01.2012 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 | | |
| 14:20 – 15:00 | MED 307 Midcommittee Examination | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

04.01.2012 WEDNESDAY

| | | |
|---------------|-----------------------------------------------------|--------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Type I DM and its biosocial dimension | Ertuğrul Eryılmaz |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Critical appraisal of a methodological study</i> | Pınar Topsever |
| | | |
| 13:30 – 14:10 | | Pınar Topsever |
| 14:20 – 15:00 | | Yeşim Işıl Ulman |
| 15:10 – 15:50 | CMPS-V | Demet Dinç |
| 16:00 – 16:40 | Advance Communication Skills | Melike Şahiner Şirin Parkan |

05.01.2012 THURSDAY

| | | |
|---------------|-------------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Hypoglycemic disorders | Rüştü Serter |
| 10:10 – 10:50 | Primary care approach to impaired glucose homeostasis | Pınar Topsever |
| 11:00 – 11:40 | Active case finding of endocrine disorders in childhood in primary care | Demet Dinç |
| 11:50 – 12:30 | Approach to the patient with Metabolic Syndrome and DM in primary care | Pınar Topsever |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

06.01.2012 FRIDAY

| | | |
|---------------|---------------------------------------------------------------------------------------------|--------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Pharmacology of endocrine pancreas: Insulin, oral hypoglycemic agents | Filiz Onat |
| 10:10 – 10:50 | Pharmacology of endocrine pancreas: Insulin, oral hypoglycemic agents | Filiz Onat |
| 11:00 – 11:40 | Pathology of endocrine pancreas | Özlem Aydın |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II Gastrointestinal endoscopic systems | Nurdan Tözün Bahattin Çiçek |

| 09.01.2012 MONDAY | | |
|-------------------|---------------------------------------------------------|----------------|
| 08:30 – 09:10 | Genetic basis of diabetes mellitus | Deniz Ağırbaşı |
| 09:20 – 10:00 | Growth and development (Interactive Module) | |
| 10:10 – 10:50 | Growth and development (Interactive Module) | |
| 11:00 – 11:40 | Study time for Interactive Module | |
| 11:50 – 12:30 | Study time for Interactive Module | |
| 13:30 – 14:10 | Biosynthesis and metabolism of steroid hormones | Tamer İnal |
| 14:20 – 15:00 | Biosynthesis and metabolism of adrenal medulla hormones | Tamer İnal |
| 15:10 – 15:50 | Physiology of Adrenal gland hormones | Melike Şahiner |
| 16:00 – 16:40 | | |

| 10.01.2012 TUESDAY | | |
|--------------------|--------------------------|--------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Adrenal cortex diseases | Rüştü Serter |
| 10:10 – 10:50 | Adrenal cortex diseases | Rüştü Serter |
| 11:00 – 11:40 | Adrenal medulla diseases | Rüştü Serter |
| 11:50 – 12:30 | Adrenal medulla diseases | Rüştü Serter |
| 13:30 – 14:10 | Endocrine hypertension | Rüştü Serter |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 11.01.2012 WEDNESDAY | | |
|----------------------|-----------------------------------------------------|-------------------------------|
| 08:30 – 09:10 | Pathology of adrenal cortex and medulla | Özlem Aydın |
| 09:20 – 10:00 | LAB: Pathology of adrenal cortex and medulla | Özlem Aydın |
| 10:10 – 10:50 | CMPS V: Research in Health | Nadi Bakırcı |
| 11:00 – 11:40 | | Figen Demir |
| 11:50 – 12:30 | <i>Critical appraisal of a methodological study</i> | Pınar Topsever |
| 13:30 – 14:10 | | Pınar Topsever |
| 14:20 – 15:00 | | Yeşim Işık Ulman |
| 15:10 – 15:50 | CMPS-V | Demet Dinç |
| 16:00 – 16:40 | Advance Communication Skills | Melike Şahiner Efe Onganer |

| 12.01.2012 THURSDAY | | |
|---------------------|-------------------------------------------------------|---------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Metabolic effects of vitamins and micronutrients | Aysel Özpınar |
| 10:10 – 10:50 | Metabolic effects of vitamins and micronutrients | Aysel Özpınar |
| 11:00 – 11:40 | Metabolism of inorganic compounds | Aysel Özpınar |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Radiology of thyroid, parathyroid and surrenal glands | Simay Kara |
| 14:20 – 15:00 | Radiology of thyroid, parathyroid and surrenal glands | Simay Kara |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 13.01.2012 FRIDAY | | |
|-------------------|------------------------------------------------|--|
| Su08:30 – 09:10 | Study time | |
| 09:20 – 10:00 | Study time | |
| 10:10 – 10:50 | Study time | |
| 11:00 – 11:40 | Study time | |
| 11:50 – 12:30 | Study time | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | MED 309 CMPS - V Subject Committee Examination | |
| 16:00 – 16:40 | | |

16.01.2012 MONDAY

| | | |
|---------------|-----------------------------------------------|-------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Growth and development (Interactive Module) | |
| 10:10 – 10:50 | Growth and development (Interactive Module) | |
| 11:00 – 11:40 | Adrenocortical hormones and their antagonists | İsmail Hakkı Ulus |
| 11:50 – 12:30 | Adrenocortical hormones and their antagonists | İsmail Hakkı Ulus |
| | | |
| 13:30 – 14:10 | Growth and development disorders | Müjde Arapoğlu |
| 14:20 – 15:00 | Growth and development disorders | Müjde Arapoğlu |
| 15:10 – 15:50 | Community nutrition | Figen Demir |
| 16:00 – 16:40 | Brest feeding | Nadi Bakırcı |

17.01.2012 TUESDAY

| | | |
|---------------|----------------------------------------|-------------------|
| 08:30 – 09:10 | Vitamins and other nutritional factors | İsmail Hakkı Ulus |
| 09:20 – 10:00 | Vitamins and other nutritional factors | İsmail Hakkı Ulus |
| 10:10 – 10:50 | Study time | |
| 11:00 – 11:40 | Study time | |
| 11:50 – 12:30 | Study time | |
| | | |
| 13:30 – 14:10 | Study time | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Course Examination: Medical English | |
| 16:00 – 16:40 | | |

18.01.2012 WEDNESDAY

| | | |
|---------------|-------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | Skills related to subject committee | |
| | | |
| 13:30 – 14:10 | Growth, Development & Endocrine Disorders | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

19.01.2012 THURSDAY

| | | |
|---------------|------------------------------------------------|--------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Malnutrition (Joint session) | Özlem Sezgin Meriçliler, |
| 10:10 – 10:50 | Malnutrition (Joint session) | Pınar Topsever |
| 11:00 – 11:40 | Genetic metabolic syndromes and dysmorphology | Yasemin Alanay |
| 11:50 – 12:30 | Development of reproductive system and puberty | Günseli Bozdoğan |
| | | |
| 13:30 – 14:10 | Body fat and lipid metabolism | Adnan Gökçel |
| 14:20 – 15:00 | Body fat and lipid metabolism | Adnan Gökçel |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

20.01.2012 FRIDAY

| | | |
|---------------|---------------------------------------------------------------------------|-------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Primary care management of overweight and obesity | Pınar Topsever |
| 10:10 – 10:50 | Biosynthesis and metabolism of hormones that regulates calcium metabolism | Aysel Özpınar |
| 11:00 – 11:40 | Hormones and disorders of mineral metabolism | Serpil Salman |
| 11:50 – 12:30 | Hormones and disorders of mineral metabolism | Serpil Salman |
| | | |
| 13:30 – 14:10 | Calcium and bone disorders in children | Ebru Tuğrul Sarıbeyoğlu |
| 14:20 – 15:00 | Metabolic bone diseases | Serpil Salman |
| 15:10 – 15:50 | MED 311 Midcommittee examination | |
| 16:00 – 16:40 | | |

| 23.01.2012 MONDAY | | |
|-------------------|-----------------------------------------|---------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Multiple endocrine neoplasia | Serpil Salman |
| 10:10 – 10:50 | Paraendocrine and neoplastic syndromes | Rüştü Serter |
| 11:00 – 11:40 | Nuclear Medicine in Endocrine Disorders | Levent Güner |
| 11:50 – 12:30 | Nuclear Medicine in Endocrine Disorders | Levent Güner |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 24.01.2012 TUESDAY | | |
|--------------------|------------|--|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 25.01.2012 WEDNESDAY | | |
|----------------------|------------|--|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 26.01.2012 THURSDAY | | |
|---------------------|-------------------------------------------------|--|
| 08:30 – 09:10 | MED 307 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 | | |

| 27.01.2012 FRIDAY | | |
|-------------------|---------------------------------------------------|--|
| 08:30 – 09:10 | MED 307 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

**2011 - 2012
YEAR 3
SPRING SEMESTER**

YEAR 3 SPRING SEMESTER HOURS and CREDITS

| COURSES | Theoretical Hours | | | Practical Hours | | | Study Time | Total | National credits | ECTS |
|----------------------------------------------------|-------------------|-----------|------------|-----------------|-------------|------------|------------|------------|------------------|-----------|
| | Lectures | IALS | Sub Total | Lab study | Field study | Sub Total | | | | |
| Gastrointestinal System and Related Disorders | 124 | 0 | 124 | 26 | 0 | 26 | 60 | 210 | 10 | 8 |
| Urogenital System and Related Disorders | 117 | 0 | 117 | 36 | 0 | 36 | 60 | 213 | 10 | 8 |
| Clinical Medicine and Professional Skills-VI | 10 | 20 | 30 | 0 | 80 | 80 | 105 | 215 | 5 | 8 |
| Medical Informatics and Biomedical Technologies-II | 14 | 0 | 14 | 0 | 56 | 56 | 10 | 80 | 3 | 3 |
| Medical English-VI | 10 | 10 | 20 | 36 | 0 | 36 | 25 | 81 | 3 | 3 |
| FALL TOTAL | 275 | 30 | 305 | 98 | 136 | 234 | 260 | 799 | 31 | 30 |

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) | 124 | Credit | ECTS |
|-----------------------------------------------|---------|---------------------------|-----------------------|-----|--------|------|
| | | | Practical (Hour) | 26 | | |
| Gastrointestinal System and Related Disorders | MED 304 | Spring | Preparation (Hour) | 60 | 10 | 8 |

| | |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr |
| Committee Chairs | Prof. Aydın Sav; aydin.sav@acibadem.edu.tr Assoc.Prof. Murat Saruç; murat.saruc@acibadem.edu.tr |
| Academic Units & Staff | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Aytül KIZARAN, M.D., Instructor Elif Nedret KESKİNÖZ, MSc., Instructor</p> <p>Child Health and Diseases: Cengiz CANPOLAT, M.D., Prof. Yasemin ALANAY, M.D., Assoc. Prof. Günseli BOZDOĞAN, M.D., Assist. Prof. Ebru TUĞRUL SARİBEYOĞLU, M.D., Assist. Prof. Ertuğrul ERYILMAZ, M.D., Assist. Prof. Müjde ARAPOĞLU, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Internal Medicine: Nurdan TÖZÜN, M.D., Prof. Murat SARUÇ, M.D., Prof. Arzu TİFTİKÇİ, M.D., Assoc. Prof. Eser VARDARELİ, M.D., Assoc. Prof. Bahattin ÇİÇEK, M.D., Assoc. Prof. Orhan TARÇIN, M.D., Assoc. Prof. Nurten TÜRKEL, M.D., Assist. Prof. Özdal ERSOY, M.D., Assist. Prof.</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof.</p> |

| | |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Academic Units & Staff</p> | <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Mustafa SERTESER, M.D., Assoc. Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof.</p> <p>Pathology: Aydın SAĞ, M.D., Prof. Ümit İNCE, M.D., Assoc. Prof.</p> <p>Pediatric Surgery: K.Latif ABBASOĞLU, M.D., Prof.</p> <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof</p> <p>Physiology: Güldal GÜLEÇ, M.D., Ph.D., Prof.</p> <p>Public Health: Nadi BAKIRCI, M.D., Ph.D., Assoc. Prof. Figen DEMİR, M.D., Assist. Prof.</p> <p>Affiliated Faculty: Filiz ONAT, M.D. Prof. Ersan ALTUN, M.D. Hale KIRIMLIOĞLU, M.D., Assoc. Prof Özlem AYDIN, M.D., Assoc. Prof.</p> |
| <p>Course Duration</p> | <p>13.2.2012-06.04.2012</p> |
| <p>Educational Methods</p> | <p>Theoretical and practical lectures, discussions, seminars</p> |
| <p>Evaluation Methods</p> | <p>Theoretical and practical subject committee exams, skills and performance based assessment</p> |
| <p>Course Aims</p> | <p>This course aims to provide necessary knowledge about the Gastrointestinal System disorders, basic mechanisms of digestion, the development and structure of the digestive system organs, the metabolism of nutrients and related diseases. In this context the normal and abnormal functions of the GI system are discussed to make a basis for problem solving in clinical presentation, diagnosis, prevention and treatment of gastrointestinal and liver diseases.</p> |
| <p>Learning Outcomes</p> | <p>By the end of this committee, the students will be able to:</p> <ul style="list-style-type: none"> • Explain the anatomy of gastrointestinal system. • Explain the physiology of gastrointestinal system • Explain the pathologic processes of gastrointestinal system and related organs in children and adults • Explain the molecular and genetic basis of digestive organ cancers • Explain the pharmacokinetics and pharmacodynamic properties and mechanisms of actions of drugs used in prevention and treatment of the endocrine system disorders. • Explain the pathogenesis, clinical signs and symptom and therapy of infectious gastroenteritis and food poisoning • Describe the epidemiology and prevention of food and water borne diseases • Explain the metabolism and transport of nutrients • Describe the gastric, intestinal, liver and pancreatic tests and the bilirubin mechanism • Name and indicate the etiologies and clinics of gastrointestinal diseases in children • Explain the prevention and management of digestive disease as a primary care provider • Name the imaging modalities and algorithm of the gastrointestinal disease • Explain the clinical features, diagnostic approaches and treatment modalities of gastrointestinal disease |

| Course Name | Code | Year | Semester | Theoretical (Hour) | 117 | Credit | ECTS |
|-----------------------------------------|---------|------|----------|--------------------|-----|--------|------|
| | | | | Practical (Hour) | 36 | | |
| Urogenital System and Related Disorders | MED 306 | 3 | Spring | Preparation (Hour) | 60 | 10 | 8 |

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| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr |
| Course Chairs | Prof. Ahmet Şahin; ahmet.sahin@acibadem.edu.tr Assoc. Prof. Cem Batukan; cem.batukan@acibadem.edu.tr |
| Academic Units & Staff | <p>Anatomy: Aymelek YALIN, Ph.D., Prof. Elif Nedret KESKİNÖZ, MSc., Instructor.</p> <p>Child Health & Diseases: Gamze BEREKET, M.D., Assist. Prof.</p> <p>Family Medicine: Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor</p> <p>Gynecology & Obstetrics: Mete GÜNGÖR, M.D., Prof. Tayfun BAĞIŞ, M.D., Prof. Özlem PATA, M.D., Assoc. Prof. A. Cem BATUKAN, M.D., Assoc. Prof</p> <p>Histology & Embryology: Serap ARBAK, Ph.D., Prof. Gözde ERKANLI ŞENTÜRK, Ph.D., Assist. Prof. Deniz YÜCEL, Ph.D., Assist. Prof.</p> <p>Medical Biology: Cengiz YAKICIER, M.D., Assoc. Prof. Cemaliye AKYERLİ BOYLU, Ph.D., Assist. Prof. Yavuz OKTAY, Ph.D., Assist. Prof.</p> <p>Medical Biochemistry: Aysel ÖZPINAR, D.V.M., Ph.D., Prof. Abdurrahman COŞKUN, M.D., Assoc. Prof.</p> <p>Nephrology: N. Ülkem ÇAKIR YAKUPOĞLU, M.D., Assoc. Prof.</p> <p>Nuclear Medicine: Erkan VARDARELİ, M.D., Prof.</p> <p>Pathology: Ümit İNCE, M.D., Assoc. Prof.</p> |

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| <p>Academic Units & Staff</p> | <p>Pharmacology: İsmail Hakkı ULUS, M.D., Ph.D., Prof.</p> <p>Physiology: Mehmet ERGEN, Ph.D., Assist. Prof.</p> <p>Public Health: Figen DEMİR, M.D., Assist. Prof.</p> <p>Radiology: Ümit AKSOY ÖZCAN, M.D., Assist. Prof. M. Erdem YILDIZ, M.D., Instructor</p> <p>General Surgery: Alihan GÜRKAN, M.D. Prof.</p> <p>Urology: Ahmet ŞAHİN, M.D., Prof. M. Murat ŞAMLI, M.D., Assoc. Prof. Hakan ÖZVERİ, M.D., Assist. Prof. Bora ÖZVEREN, M.D., Assist. Prof. Enis Rauf COŞKUNER, M.D., Assist. Prof. Selçuk KESKİN, M.D., Assist. Prof.</p> <p>Affiliated Faculty: Filiz ONAT, M.D. Prof. Jasna GÜRBÜZ, M.D., Ph.D. Handan ZEREN, M.D., Prof.</p> |
| <p>Course Duration</p> | <p>09.04.2012-08.06.2012</p> |
| <p>Educational Methods</p> | <p>Theoretical and practical lectures, discussions, seminars</p> |
| <p>Evaluation Methods</p> | <p>Theoretical and practical subject committee exams, skills and performance based assessment</p> |
| <p>Course Aims</p> | <p>The aim of the course is to provide an integrated knowledge about the development, structure, genetics and physiology of the urinary system and male and female genital systems and evaluate the etiology and pathogenesis of the related diseases. We also aim to outline the general aspects of pregnancy, reproductive endocrinopathies, benign, and malign conditions of genital systems and point out the importance of urinary tract pathologies.</p> |
| <p>Learning Outcomes</p> | <ul style="list-style-type: none"> • Review the anatomy, histology and physiology of the male and female urogenital systems and pelvis • Assess and classify the pathologic changes related to urogenital disease. • Recognize the pharmacological properties of agents used for treatment of urogenital system disorders • Recognize the pathophysiology of urologic diseases and cardinal presenting symptoms, including symptoms related to urolithiasis, infection, and urologic malignancies, • Become familiar with the general diagnostic approach and various diagnostic modalities related to common urologic and gynecologic problems • Define etiological and risk factors of male and female urogenital tract infectious disease • Relate the main problems of obstetrics and gynecology from perspectives of Family Medicine and Public Health. • Describe the physiology of pregnancy and how to manage normal and high-risk pregnancies with introduction to genetic counseling • Recognize genetic basis of hereditary urogenital system and breast diseases • Explain how to approach to the patient with urogenital symptoms in primary care • Outline the principles of antenatal care and list routine tests of pregnancy • Describe early stages of development and physiological changes of pregnancy • Describe the physiology of normal labor and delivery • Describe physiological changes in the puerperium • Define methods of female contraception and explain their mechanism of action • Recognize basic principles of renal physiology and interpretation of renal function tests. Classify renal pathologies with emphasis on hypertension, renal failure and acid-base status. • Explain the anatomy and the classification of benign and malign conditions of the breast |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 30 | Credit | ECTS |
|----------------------------------------------|---------|---------------------------|-----------------------|-----|--------|------|
| | | | Practical (Hour) | 80 | | |
| Clinical Medicine and Professional Skills-VI | MED 308 | Spring | Study Time (Hour) | 105 | 5 | 8 |

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|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | English |
| Course Type | Compulsory |
| Course Level | Undergraduate |
| Year Coordinators | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc Prof. Nadi Bakirci; nadi.bakirci@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 | <p>Family Medicine Pınar TOPSEVER, M.D., Assoc. Prof. Efe ONGANER, M.D., Assist. Prof. Demet DİNÇ, M.D., Instructor.</p> <p>Public Health Nadi BAKIRCI, M.D., Ph.D, Assoc. Prof. Figen DEMİR, M.D., Assist. Prof.</p> <p>Physiology Melike ŞAHİNER, M.D., Ph.D., Assist. Prof.</p> <p>Affiliated Faculty Şirin PARKAN M.D. Burhan Şenatalar PhD, Prof. Yeşim Yasin, MSc</p> |
| Course Duration | 15.02.2012 - 09.05.2012 |
| Educational Methods | Working in PHC and hospitals, group presentations and discussions, reflective and peer group learning experiences, interactive lectures and self-directed learning sessions |
| Assessment Methods | Written examination, log-books, performance assessment |
| Course Aims | <p>This course aims to;</p> <p>Health and Society: Practice in Primary Health Care and Hospital Consolidate, and transfer prior learning into the primary health care setting and practice of them.</p> <p>Comprehensive Medical Practice</p> <p>Create an opportunity for the students to demonstrate the competence of combining clinical and procedural skills with biomedical knowledge and good professional conduct for individual patient care in daily medical practice</p> |

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| Learning Outcomes | <p>By the end of this course, the students will;</p> <p><i>Health and Society:</i> <i>Practice in Primary Health Care and Hospital</i></p> <ul style="list-style-type: none">• observe the social, cultural economic and political factors of health and illness in the primary health care system• develop familiarity with practice of health care in the primary care setting• awareness of the extension of primary health care services• identify and explore the key requirements in primary health care practice• practice in history taking (anamnesis) and basic physical examination• communicate effectively with patients, their relatives/carers to collect and to give information• practice in consultative and scholar communication skills• inform and educate patients and their families• observe the sensitive, effective and a cultural appropriate communication between physician and patient• observe the characteristics of the doctor patient relationship concerning its ambivalent and asymmetric features• observe the working physician concerning patient participation in medical decisions and obtaining informed consent• practice concerning to develop an awareness of safety of self, patients, in primary care settings• observe and practice in hand washing, disinfection, HLD and sterilization. <p><i>Comprehensive Medical Practice</i></p> <ul style="list-style-type: none">• demonstrate a comprehensive performance of clinical communication skills, physical examination skills, procedural skills together with clinical and ethical reasoning during simulated patient encounters (or on models, where applicable) |
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ACIBADEM

UNIVERSITY

SCHOOL OF MEDICINE

**YEAR 3
SPRING SEMESTER
SCHEDULE**

13.02.2012 MONDAY

| | | |
|---------------|---------------------------------------------------------------------|------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Introduction to MED 304 Gastrointestinal System & Related Disorders | Aydın Sav, Murat Saruç |
| 10:10 – 10:50 | Anatomy of the oral cavity and salivary glands | Jasna Gürbüz |
| 11:00 – 11:40 | Anatomy of the oral cavity and salivary glands | Jasna Gürbüz |
| 11:50 – 12:30 | Temporomandibular joint, Muscle of mastication | Elif Keskinöz |
| 13:30 – 14:10 | Esophagus and Stomach | Aytül Kızaran |
| 14:20 – 15:00 | Histology of the Upper Digestive System | Gözde E. Şentürk |
| 15:10 – 15:50 | General principles of gastrointestinal function | Güldal Güleç |
| 16:00 – 16:40 | Digestion in the mouth; mechanical and chemical processes | Güldal Güleç |

14.02.2012 TUESDAY

| | | |
|---------------|-----------------------------------------------------|---------------|
| 08:30 – 09:10 | Motor and secretory functions of the stomach | Güldal Güleç |
| 09:20 – 10:00 | Motor and secretory functions of the stomach | Güldal Güleç |
| 10:10 – 10:50 | Digestion in the stomach | Güldal Güleç |
| 11:00 – 11:40 | LAB: Anatomy of the oral cavity and salivary glands | |
| 11:50 – 12:30 | LAB: Anatomy of the oral cavity and salivary glands | |
| 13:30 – 14:10 | Small bowel | Aymelek Yalın |
| 14:20 – 15:00 | Large bowel | Aymelek Yalın |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

15.02.2012 WEDNESDAY

| | | |
|---------------|-----------------------------------------------------------------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | CMPS V: Health and Society | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | <i>Practice in Primary HC (Groups 1-4)</i> | |
| 11:50 – 12:30 | <i>Practice in Community based HC (Groups 5-6)</i> <i>Practice in Hospital Care (Groups 7-8)</i> | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

16.02.2012 THURSDAY

| | | |
|---------------|--------------------------------------------------|---------------|
| 08:30 – 09:10 | LAB: Large bowel | |
| 09:20 – 10:00 | LAB: Histology of the Upper Digestive System | |
| 10:10 – 10:50 | LAB: Histology of the Upper Digestive System | |
| 11:00 – 11:40 | Histology of the Lower Digestive System | Serap Arbak |
| 11:50 – 12:30 | Histology of the Lower Digestive System | Serap Arbak |
| 13:30 – 14:10 | Rectum and Anal canal | Aymelek Yalın |
| 14:20 – 15:00 | Secretions of exocrine pancreas and gall bladder | Güldal Güleç |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

17.02.2012 FRIDAY

| | | |
|---------------|---------------------------------------------------------------------------------------------|--------------------------------|
| 08:30 – 09:10 | Histology of the Glands of the Digestive System | Serap Arbak |
| 09:20 – 10:00 | Histology of the Glands of the Digestive System | Serap Arbak |
| 10:10 – 10:50 | CMPS V: Health and Society | Yeşim Yasin |
| 11:00 – 11:40 | <i>Health Policy and Health Care Systems</i> | |
| 11:50 – 12:30 | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II Gastrointestinal endoscopic systems | Nurdan Tözün Bahattin Çiçek |

| 20.02.2012 MONDAY | | |
|-------------------|------------------------------------------------------|---------------|
| 08:30 – 09:10 | Motor and secretory functions of the small intestine | Güldal Güleç |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Study time for Interactive Module | |
| 11:50 – 12:30 | Study time for Interactive Module | |
| 13:30 – 14:10 | Digestion and absorption in the small intestine | Güldal Güleç |
| 14:20 – 15:00 | Biochemical aspects of nutrition | Aysel Özpınar |
| 15:10 – 15:50 | LAB: Histology of the Lower Digestive System | |
| 16:00 – 16:40 | LAB: Histology of the Lower Digestive System | |

| 21.02.2012 TUESDAY | | |
|--------------------|---------------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Digestion and absorption of nitrogenous compounds, carbohydrates and fat | Mustafa Serteser |
| 09:20 – 10:00 | Digestion and absorption of nitrogenous compounds, carbohydrates and fat | Mustafa Serteser |
| 10:10 – 10:50 | Motor and secretory functions and absorption in the large intestine; defecation | Güldal Güleç |
| 11:00 – 11:40 | LAB: Histology of the Glands of the Digestive System | |
| 11:50 – 12:30 | LAB: Histology of the Glands of the Digestive System | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 22.02.2012 WEDNESDAY | | |
|----------------------|-----------------------------------------------------------------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | CMPS V: Health and Society | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | <i>Practice in Primary HC (Groups 1-4)</i> | |
| 11:50 – 12:30 | <i>Practice in Community based HC (Groups 5-6)</i> <i>Practice in Hospital Care (Groups 7-8)</i> | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

| 23.02.2012 THURSDAY | | |
|---------------------|----------------------------------------------------------|------------------|
| 08:30 – 09:10 | Peritoneum, inguinal region | Aytül Kızaran |
| 09:20 – 10:00 | Peritoneum, inguinal region | Aytül Kızaran |
| 10:10 – 10:50 | Liver, spleen & portal System | Jasna Gürbüz |
| 11:00 – 11:40 | Liver, spleen & portal System | Jasna Gürbüz |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Development of the Digestive System | Gözde E. Şentürk |
| 14:20 – 15:00 | Development of the Digestive System | Gözde E. Şentürk |
| 15:10 – 15:50 | Biochemical aspects of carbohydrate metabolism disorders | Aysel Özpınar |
| 16:00 – 16:40 | Biochemical aspects of carbohydrate metabolism disorders | Aysel Özpınar |

| 24.02.2012 FRIDAY | | |
|-------------------|-----------------------------------------------------------------------------|--------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Metabolism of nucleotids | Abdurrahman Coşkun |
| 10:10 – 10:50 | CMPS V: Health and Society | Yeşim Yasin |
| 11:00 – 11:40 | <i>Health Policy and Health Care Systems</i> | |
| 11:50 – 12:30 | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II Gastrointestinal MR | Ersan Altun |

| 27.02.2012 MONDAY | | |
|-------------------|---------------------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Porphyrins and bile pigments | Abdurrahman Coşkun |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Study time for Interactive Module | |
| 11:50 – 12:30 | Study time for Interactive Module | |
| | | |
| 13:30 – 14:10 | LAB: Peritoneum, inguinal region | |
| 14:20 – 15:00 | LAB: Peritoneum, inguinal region | |
| 15:10 – 15:50 | Biochemical aspects of amino acids and protein metabolism disorders | Abdurrahman Coşkun |
| 16:00 – 16:40 | Biochemical aspects of amino acids and protein metabolism disorders | Abdurrahman Coşkun |

| 28.02.2012 TUESDAY | | |
|--------------------|-----------------------------------------------------------|--------------------|
| 08:30 – 09:10 | Detoxification mechanism | Abdurrahman Coşkun |
| 09:20 – 10:00 | Gastric, intestinal and pancreatic function tests | Mustafa Serteser |
| 10:10 – 10:50 | Biochemical assessment of liver function | Eser Vardareli |
| 11:00 – 11:40 | Tumors of upper GI system | Eser Vardareli |
| 11:50 – 12:30 | Basic radiologic anatomy of the abdomen on US, CT and MRI | Ersan Altun |
| | | |
| 13:30 – 14:10 | Basic radiologic anatomy of the abdomen on US, CT and MRI | Ersan Altun |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 29.02.2012 WEDNESDAY | | |
|----------------------|-----------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | CMPS V: Health and Society | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | <i>Practice in Primary HC (Groups 1-4)</i> | |
| 11:50 – 12:30 | | |
| | <i>Practice in Hospital Care (Groups 5-8)</i> | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

| 01.03.2012 THURSDAY | | |
|---------------------|------------------------------------------------------------|--------------|
| 08:30 – 09:10 | Functional GI disease | Orhan Tarçın |
| 09:20 – 10:00 | Peptic ulcer disease | Özdal Ersoy |
| 10:10 – 10:50 | Drugs affecting secretory and motor functions of GI system | Filiz Onat |
| 11:00 – 11:40 | Drugs for the therapy of acid peptic diseases | Filiz Onat |
| 11:50 – 12:30 | Drugs for the therapy of acid peptic diseases | Filiz Onat |
| | | |
| 13:30 – 14:10 | Acute viral hepatitis | Nurdan Tözün |
| 14:20 – 15:00 | Gastroesophageal reflux disease | Özdal Ersoy |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 02.03.2012 FRIDAY | | |
|-------------------|-----------------------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Radiology of the esophagus, stomach and bowels | Ersan Altun |
| 09:20 – 10:00 | Radiology of the esophagus, stomach and bowels | Ersan Altun |
| 10:10 – 10:50 | CMPS V: Health and Society | |
| 11:00 – 11:40 | <i>Health Economics</i> | Burhan Şenatalar |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies - II Gastrointestinal CT | Erdem Yıldız |

| 05.03.2012 MONDAY | | |
|-------------------|---------------------------------------------------|----------------|
| 08:30 – 09:10 | Viral Hepatitis | Müjde Arapoğlu |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Chronic Hepatitis | Nurdan Tözün |
| 11:50 – 12:30 | Chronic Hepatitis | Nurdan Tözün |
| | | |
| 13:30 – 14:10 | Malabsorption syndromes | Arzu Tiflikçi |
| 14:20 – 15:00 | Pathology of oral cavity and salivary glands | Aydın Sav |
| 15:10 – 15:50 | LAB: Pathology of oral cavity and salivary glands | |
| 16:00 – 16:40 | LAB: Pathology of oral cavity and salivary glands | |

| 06.03.2012 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 | | |
| 14:20 – 15:00 | MED 304 Midcommittee Examination | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

| 07.03.2012 WEDNESDAY | | |
|----------------------|----------------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | CMPS V: Health and Society | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | <i>Practice in Primary HC (Groups 1-4)</i> | |
| 11:50 – 12:30 | <i>Practice in Community based HC (Groups 7-8)</i> | |
| | <i>Practice in Hospital Care (Groups 5-6)</i> | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

| 08.03.2012 THURSDAY | | |
|---------------------|-------------------------------------------|---------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Pathology of esophagus | Aydın Sav |
| 10:10 – 10:50 | Liver Cirrhosis | Nurdan Tözün |
| 11:00 – 11:40 | Liver Cirrhosis | Nurdan Tözün |
| 11:50 – 12:30 | Metals and the liver | Nurdan Tözün |
| | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Alcoholic and nonalcoholic liver diseases | Arzu Tiflikçi |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 09.03.2012 FRIDAY | | |
|-------------------|---------------------------------------------------------------------------------|-------------------------------------|
| 08:30 – 09:10 | Virology of Hepatitis | Sesin Kocagöz |
| 09:20 – 10:00 | Bilirubin Metabolism | Ebru Tuğrul Sarıbeyoğlu |
| 10:10 – 10:50 | CMPS V: Health and Society | |
| 11:00 – 11:40 | <i>Health Economics</i> | Burhan Şenatalar |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies-II Abdominal ultrasonography | Ümit Özcan Özlem Saygılı Barutçu |

12.03.2012 MONDAY

| | | |
|---------------|------------------------------------------|-------------------|
| 08:30 – 09:10 | Hepatomegaly | Ertuğrul Eryılmaz |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Newborn hepatitis | Yasemin Alanay |
| 11:50 – 12:30 | Pathology of acute and chronic hepatitis | Hale Kırımlıoğlu |
| | | |
| 13:30 – 14:10 | Drug and toxin induced liver disease | Hale Kırımlıoğlu |
| 14:20 – 15:00 | Metabolic disorders of the liver | Hale Kırımlıoğlu |
| 15:10 – 15:50 | LAB: Metabolic disorders of the liver | Hale Kırımlıoğlu |
| 16:00 – 16:40 | LAB: Metabolic disorders of the liver | Hale Kırımlıoğlu |

13.03.2012 TUESDAY

| | | |
|---------------|-------------------------------------------|----------------|
| 08:30 – 09:10 | Benign or malignant neoplasm of the colon | Bahattin Çiçek |
| 09:20 – 10:00 | Gallstone disease | Bahattin Çiçek |
| 10:10 – 10:50 | Acute and chronic pancreatitis | Murat Saruç |
| 11:00 – 11:40 | Acute and chronic pancreatitis | Murat Saruç |
| 11:50 – 12:30 | Inflammatory bowel disease | Nurdan Tözün |
| | | |
| 13:30 – 14:10 | Inflammatory bowel disease | Nurdan Tözün |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

14.03.2012 WEDNESDAY

| | | |
|---------------|--------------------------------------------|------------------|
| 08:30 – 09:10 | Physicians Day | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 14:10 | Neoplastic diseases of the stomach | Ümit İnce |
| 14:20 – 15:00 | Pathology of gastric and peptic ulcer | Hale Kırımlıoğlu |
| 15:10 – 15:50 | LAB: Pathology of gastric and peptic ulcer | Hale Kırımlıoğlu |
| 16:00 – 16:40 | LAB: Pathology of gastric and peptic ulcer | Hale Kırımlıoğlu |

15.03.2012 THURSDAY

| | | |
|---------------|---------------------------------------------------------|---------------|
| 08:30 – 09:10 | Tumors of the liver | Nurten Türkel |
| 09:20 – 10:00 | Tumors of the pancreas and biliary system | Orhan Tarçın |
| 10:10 – 10:50 | Radiology of the liver, pancreas and the biliary system | Ersan Altun |
| 11:00 – 11:40 | Radiology of the liver, pancreas and the biliary system | Ersan Altun |
| 11:50 – 12:30 | Screening and prevention of GIS Cancers | Nurdan Tözün |
| | | |
| 13:30 – 14:10 | Ischemic – diverticular diseases of the bowel | Arzu Tiftikçi |
| 14:20 – 15:00 | Bacterial gastroenteritis | Sesin Kocağöz |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

16.03.2012 FRIDAY

| | | |
|---------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Morphological patterns of hepatic injury and cirrhosis | Hale Kırımlıoğlu |
| 10:10 – 10:50 | CMPS V: Health and Society | |
| 11:00 – 11:40 | <i>Health Economics</i> | Burhan Şenatalar |
| 11:50 – 12:30 | | |
| | | |
| 13:30 -16:20 | Medical informatics and biomedical technologies - II Audiogram and vestibular tests | Hasan Tanyeri Şenol Polat Gediz Serin Elif Aksoy |

| 19.03.2012 MONDAY | | |
|-------------------|--------------------------------------------|------------------|
| 08:30 – 09:10 | Digestive system malformations in children | Latif Abbasoğlu |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Acute abdominal disease in children | Latif Abbasoğlu |
| 11:50 – 12:30 | Viral Gastroenteritis | Tanıl Kocagöz |
| | | |
| 13:30 – 14:10 | Parasitic Gastroenteritis | Işın Akyar |
| 14:20 – 15:00 | Mass lesions of liver | Hale Kırımlıoğlu |
| 15:10 – 15:50 | Mass lesions of liver | Hale Kırımlıoğlu |
| 16:00 – 16:40 | | |

| 20.03.2012 TUESDAY | | |
|--------------------|---------------------------------|----------------------------------------------|
| 08:30 – 09:10 | Food and water safety symposium | Coordinators: Nadi Bakırcı Figen Demir |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 14:10 | Food Poisoning | Sesin Kocagöz |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 21.03.2012 WEDNESDAY | | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 08:30 – 09:10 | CMPS V: Health and Society <i>Practice in Primary HC (Groups 1-4)</i> <i>Practice in Community based HC (Groups 7-8)</i> <i>Practice in Hospital Care (Groups 5-6)</i> | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Study time | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

| 22.03.2012 THURSDAY | | |
|---------------------|-----------------------------------------------------------|------------------|
| 08:30 – 09:10 | Malabsorption syndromes | Günseli Bozdoğan |
| 09:20 – 10:00 | CMPS V: Health and Society | Nadi Bakırcı |
| 10:10 – 10:50 | Reflection - Practice in Hospital Care (Groups 5-8) | Pınar Topsever |
| 11:00 – 11:40 | CMPS V: Health and Society | Figen Demir |
| 11:50 – 12:30 | Reflection - Practice in Primary HC (Groups 1-4) | Yeşim Işıl Ulman |
| | | |
| 13:30 – 14:10 | Pathology of the cholestatic disorders | Hale Kırımlıoğlu |
| 14:20 – 15:00 | Pathology of exocrine pancreas, gall bladder and appendix | Hale Kırımlıoğlu |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

| 23.03.2012 FRIDAY | | |
|-------------------|-----------------------------------------------------------------|------------------|
| 08:30 – 09:10 | Abdominal pain | Müjde Arapoğlu |
| 09:20 – 10:00 | Gastroenteritis | Cengiz Canpolat |
| 10:10 – 10:50 | CMPS V: Health and Society | Burhan Şenatalar |
| 11:00 – 11:40 | <i>Health Economics</i> | |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 14:10 | Medical informatics and biomedical technologies II - Study Time | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

26.03.2012 MONDAY

| | | |
|---------------|----------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Infectious enterocolitis | Özlem Aydın |
| 10:10 – 10:50 | Malabsorption syndromes, vascular disorders and diverticular disease | Özlem Aydın |
| 11:00 – 11:40 | Inflammatory bowel disease | Ümit İnce |
| 11:50 – 12:30 | Drugs for constipation and diarrhea | Filiz Onat |
| 13:30 – 14:10 | Manangement of diarrhea and constipation in primary care | Efe Onganer |
| 14:20 – 15:00 | Drugs used in inflammatory bowel disease | İsmail H. Ulus |
| 15:10 – 15:50 | Drugs used in inflammatory bowel disease | İsmail H. Ulus |
| 16:00 – 16:40 | | |

27.03.2012 TUESDAY

| | | |
|---------------|-----------------------------------------------------------------------------|----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | Health promotion & primary prevention: Nutrition, life style & GI disorders | Pınar Topsever |
| 11:00 – 11:40 | Abdominal discomfort and emergencies of the GI tract in PHC | Demet Dinç |
| 11:50 – 12:30 | Inborn errors of metabolism | Özlem Aydın |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

28.03.2012 WEDNESDAY

| | | |
|---------------|----------------------------------------------------|--|
| 08:30 – 09:10 | CMPS V: Health and Society | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | <i>Practice in Primary HC (Groups 5-8)</i> | |
| 11:00 – 11:40 | <i>Practice in Community based HC (Groups 1-2)</i> | |
| 11:50 – 12:30 | <i>Practice in Hospital Care (Groups 3-4)</i> | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | | |

29.03.2012 THURSDAY

| | | |
|---------------|-----------------------------------------------|----------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Antiemetics | İsmail H. Ulus |
| 11:50 – 12:30 | Drugs used in biliary and pancreatic diseases | İsmail H. Ulus |
| 13:30 – 14:10 | Tumors of small and large intestine | Aydın Sav |
| 14:20 – 15:00 | Tumors of small and large intestine | Aydın Sav |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | | |

30.03.2012 FRIDAY

| | | |
|---------------|---------------------------------------------------------|------------------------|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Molecular abnormalities in colon cancer | Cemaliye Akyerli Boylu |
| 11:00 – 11:40 | Molecular basis of eusophagus, stomach and liver cancer | Cengiz Yakıcıer |
| 11:50 – 12:30 | Molecular basis of eusophagus, stomach and liver cancer | Cengiz Yakıcıer |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 02.04.2012 MONDAY | |
|-------------------|------------|
| 08:30 – 09:10 | Study Time |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 03.04.2012 TUESDAY | |
|--------------------|------------|
| 08:30 – 09:10 | Study Time |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 04.04.2012 WEDNESDAY | |
|----------------------|------------|
| 08:30 – 09:10 | Study Time |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 05.04.2012 THURSDAY | |
|---------------------|-------------------------------------------------|
| 08:30 – 09:10 | MED 304 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 | |

| 06.04.2012 FRIDAY | |
|-------------------|---------------------------------------------------|
| 08:30 – 09:10 | MED 304 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 | |

09.04.2012 MONDAY

| | | |
|---------------|----------------------------------------------------------------------------------|--------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Introduction to MED 306 :Urinary System, Reproductive System & Related Disorders | Ahmet Şahin, Can Batukan |
| 10:10 – 10:50 | Pelvis and Perineum | Jasna Gürbüz |
| 11:00 – 11:40 | Vessels of Pelvis | Aymelek Yalın |
| 11:50 – 12:30 | Male genital Organs | Elif Keskinöz |
| | | |
| 13:30 – 14:10 | Female genital Organs | Jasna Gürbüz |
| 14:20 – 15:00 | Development of the Reproductive System | Serap Arbak |
| 15:10 – 15:50 | Development of the Reproductive System | Serap Arbak |
| 16:00 – 16:40 | | |

10.04.2012 TUESDAY

| | | |
|---------------|----------------------------------------------------------------|--------------|
| 08:30 – 09:10 | LAB: Pelvis and Perineum | Jasna Gürbüz |
| 09:20 – 10:00 | LAB: Pelvis and Perineum | Jasna Gürbüz |
| 10:10 – 10:50 | Histology of the Organs Forming the Female Reproductive System | Serap Arbak |
| 11:00 – 11:40 | Histology of the Organs Forming the Female Reproductive System | Serap Arbak |
| 11:50 – 12:30 | Histology of the Organs Forming the Male Reproductive System | Deniz Yücel |
| | | |
| 13:30 – 14:10 | Histology of the Organs Forming the Male Reproductive System | Deniz Yücel |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

11.04.2012 WEDNESDAY

| | | |
|---------------|--------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | CMPS V: Health and Society | |
| 11:00 – 11:40 | <i>Practice in Primary HC (Groups 5-8)</i> | |
| 11:50 – 12:30 | <i>Community based HC (Groups 1-2)</i> | |
| | <i>Hospital Care (Groups 3-4)</i> | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

12.04.2012 THURSDAY

| | | |
|---------------|------------------------------------------------------------------------|--------------|
| 08:30 – 09:10 | LAB: Vessels of the pelvis, Male genital organs, Female genital organs | |
| 09:20 – 10:00 | LAB: Vessels of the pelvis, Male genital organs, Female genital organs | |
| 10:10 – 10:50 | Male reproductive function | Mehmet Ergen |
| 11:00 – 11:40 | Female reproductive function | Mehmet Ergen |
| 11:50 – 12:30 | Female reproductive function | Mehmet Ergen |
| | | |
| 13:30 – 14:10 | Lab: Histology of the Organs Forming the Female Reproductive System | Serap Arbak |
| 14:20 – 15:00 | Lab: Histology of the Organs Forming the Female Reproductive System | Serap Arbak |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

13.04.2012 FRIDAY

| | | |
|---------------|------------------------------------------|------------------|
| 08:30 – 09:10 | Biochemistry of reproductive hormones | Aysel Ozpınar |
| 09:20 – 10:00 | Biochemistry of reproductive hormones | Aysel Ozpınar |
| 10:10 – 10:50 | CMPS V: Health and Society | |
| 11:00 – 11:40 | Health Economics | Burhan Şenatalar |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 14:10 | Androgens and anti-androgens | Filiz Onat |
| 14:20 – 15:00 | Estrogens, progestins and contraceptives | İsmail H. Ulus |
| 15:10 – 15:50 | Estrogens, progestins and contraceptives | İsmail H. Ulus |
| 16:00 – 16:40 | | |

| 16.04.2012 MONDAY | | |
|-------------------|-------------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Fertilization, implantation and reproductive immunology | Tayfun Bağış |
| 09:20 – 10:00 | Principles of antenatal care and obstetric examination | Özlem Pata |
| 10:10 – 10:50 | Pregnancy physiology and endocrinology | Cem Batukan |
| 11:00 – 11:40 | Lab: Histology of the Organs Forming the Male Reproductive System | Deniz Yücel |
| 11:50 – 12:30 | Lab: Histology of the Organs Forming the Male Reproductive System | Deniz Yücel |
| 13:30 – 14:10 | Pregnancy and kidney | Ülkem Yakupoğlu |
| 14:20 – 15:00 | Screening tests in pregnancy and diagnostic procedures | Cem Batukan |
| 15:10 – 15:50 | Prenatal Diagnosis | Cengiz Yakıcıer |
| 16:00 – 16:40 | Prenatal Diagnosis | Cengiz Yakıcıer |

| 17.04.2012 TUESDAY | | |
|--------------------|-----------------------------------------------------------------|-------------|
| 08:30 – 09:10 | Normal labor and delivery | Özlem Pata |
| 09:20 – 10:00 | Physiologic changes in the puerperium | Cem Batukan |
| 10:10 – 10:50 | Gestational trophoblastic diseases and placental disorders | Özlem Aydın |
| 11:00 – 11:40 | Lab: Gestational trophoblastic diseases and placental disorders | Özlem Aydın |
| 11:50 – 12:30 | Lab: Gestational trophoblastic diseases and placental disorders | Özlem Aydın |
| 13:30 – 14:10 | Safe motherhood | Figen Demir |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 18.04.2012 WEDNESDAY | | |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 08:30 – 09:10 | CMPS V: Health and Society <i>Practice in Primary HC (Groups 5-8)</i> <i>Community based HC (Groups 1-2)</i> <i>Hospital Care (Groups 3-4)</i> | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

| 19.04.2012 THURSDAY | | |
|---------------------|---------------------------------------------------|----------------|
| 08:30 – 09:10 | Congenital Infections | Sesin Kocagöz |
| 09:20 – 10:00 | Congenital Infections | Sesin Kocagöz |
| 10:10 – 10:50 | Male infertility and male sexual dysfunction | Murat Şamlı |
| 11:00 – 11:40 | Agents for erectile dysfunction | İsmail H. Ulus |
| 11:50 – 12:30 | Postmenopausal hormone replacement therapy | Filiz Onat |
| 13:30 – 14:10 | Sexually Transmitted and other Genital Infections | Sesin Kocagöz |
| 14:20 – 15:00 | Sexually Transmitted and other Genital Infections | Sesin Kocagöz |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 20.04.2012 FRIDAY | | |
|-------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 08:30 – 09:10 | Pathology of non neoplastic uterine corpus | Handan Zeren |
| 09:20 – 10:00 | Adolescent health and STD's | Efe Onganer |
| 10:10 – 10:50 | Abnormal vaginal bleeding, vaginal discharge and pelvic pain | Mete Güngör |
| 11:00 – 11:40 | CMPS V: Health Economics | Burhan Şenatalar |
| 11:50 – 12:30 | CMPS V: Health Economics | Burhan Şenatalar |
| 13:30 – 17:20 | Medical informatics and biomedical Technologies-II Gynecologic endoscopic systems / In vitro fertilization | Tayfun Bağış Özlem Pata Mete Güngör |

23.04.2012 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 | |

24.04.2012 TUESDAY

| | | |
|---------------|--------------------------------------------|--------------|
| 08:30 – 09:10 | Cytology of female reproductive system | Handan Zeren |
| 09:20 – 10:00 | Pathology of vulva, vagina and cervix | Handan Zeren |
| 10:10 – 10:50 | Pathology of vulva, vagina and cervix | Handan Zeren |
| 11:00 – 11:40 | Lab: Pathology of vulva, vagina and cervix | Handan Zeren |
| 11:50 – 12:30 | Lab: Pathology of vulva, vagina and cervix | Handan Zeren |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Medical English | |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

25.04.2012 WEDNESDAY

| | | |
|---------------|------------------------------------------------------------------------------|--|
| 08:30 – 09:10 | CMPS V: Practice in Primary HC (Groups 5-8) Hospital Care (Groups 1-4) | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Study time | |
| 15:10 – 15:50 | Study time | |
| 16:00 – 16:40 | Study time | |

26.04.2012 THURSDAY

| | | |
|---------------|----------------------------------------|--------------|
| 08:30 – 09:10 | Pathology of neoplastic uterine corpus | Handan Zeren |
| 09:20 – 10:00 | Pathology of ovary and fallopian tubes | Handan Zeren |
| 10:10 – 10:50 | Pathology of testis | Ümit İnce |
| 11:00 – 11:40 | Pathology of testis | Ümit İnce |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Breast imaging and biopsy | Ümit Özcan |
| 14:20 – 15:00 | Breast imaging and biopsy | Ümit Özcan |
| 15:10 – 15:50 | Breast cancer | Cihan Uras |
| 16:00 – 16:40 | Breast cancer | Cihan Uras |

27.04.2012 FRIDAY

| | | |
|---------------|-----------------------------------------------------------------------------------|---------------------------------------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Genetic basis of breast and ovarian diseases | Cemaliye Akyerli Boylu |
| 10:10 – 10:50 | CMPS V: Health Economics | Burhan Şenatalar |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 17:20 | Medical informatics and biomedical Technologies-II Robotic systems in medicine | İlker Tüfekçi Cem Batukan Ahmet Şahin |

| 30.04.2012 MONDAY | | |
|-------------------|-----------------------------------|-----------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Study time for Interactive Module | |
| 11:50 – 12:30 | Study time for Interactive Module | |
| 13:30 – 14:10 | Pathology of breast | Ümit İnce |
| 14:20 – 15:00 | Pathology of breast | Ümit İnce |
| 15:10 – 15:50 | Lab: Pathology of breast | Ümit İnce |
| 16:00 – 16:40 | Lab: Pathology of breast | Ümit İnce |

| 01.05.2012 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 – 16:40 | | |

| 02.05.2012 WEDNESDAY | | |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 08:30 – 09:10 | CMPS V: Health and Society <i>Practice in Primary HC (Groups 5-8)</i> <i>Community based HC (Groups 1-2)</i> <i>Hospital Care (Groups 3-4)</i> | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | | Study time |
| 15:10 – 15:50 | | Study time |
| 16:00 – 16:40 | | Study time |

| 03.05.2012 THURSDAY | | |
|---------------------|--------------------------------------------------------------------|-----------------------------|
| 08:30 – 09:10 | Contraception | Tayfun Bağış |
| 09:20 – 10:00 | CMPS V: Reflection | |
| 10:10 – 10:50 | Practice in Hospital Care (Groups 5-8) | |
| 11:00 – 11:40 | CMPS V: Reflection | |
| 11:50 – 12:30 | Practice in Primary HC (Groups 1-4) | |
| 13:30 – 14:10 | Family planning and contraception: counselling and informed choice | Demet Dinç |
| 14:20 – 15:00 | Reproductive health | Figen Demir, Pınar Topsever |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 04.05.2012 FRIDAY | | |
|-------------------|----------------------------------|--|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Study Time | |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | MED 306 Midcommittee Examination | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

07.05.2012 MONDAY

| | | |
|---------------|----------------------------------------------------|------------------|
| 08:30 – 09:10 | Study time | |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Kidney,Ureter,Urinary bladder,Urethra | Aymelek Yalın |
| 11:50 – 12:30 | Kidney,Ureter,Urinary bladder,Urethra | Aymelek Yalın |
| 13:30 – 14:10 | Histology of the Organs Forming the Urinary System | Gözde E. Şentürk |
| 14:20 – 15:00 | Histology of the Organs Forming the Urinary System | Gözde E. Şentürk |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

08.05.2012 TUESDAY

| | | |
|---------------|-----------------------------------------|----------------------------------------------------------------|
| 08:30 – 09:10 | CMPS IV: Comprehensive Medical Practice | Pınar Topsever Melike Şahiner Demet Dinç Şirin Parkan |
| 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 | | |

09.05.2012 WEDNESDAY

| | | |
|---------------|-----------------------------------------|---------------------------------------------------------------|
| 08:30 – 09:10 | CMPS IV: Comprehensive Medical Practice | Pınar Topsever Melike Şahiner Demet Dinç Efe Onganer |
| 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 | | |

10.05.2012 THURSDAY

| | | |
|---------------|---------------------------------------|--------------|
| 08:30 – 09:10 | Development of the Urinary System | Deniz Yücel |
| 09:20 – 10:00 | Development of the Urinary System | Deniz Yücel |
| 10:10 – 10:50 | Congenital anomalies of urinary tract | Özlem Aydın |
| 11:00 – 11:40 | Glomerular filtration | Mehmet Ergen |
| 11:50 – 12:30 | Glomerular filtration | Mehmet Ergen |
| 13:30 – 14:10 | Tubular reabsorption and secretion | Mehmet Ergen |
| 14:20 – 15:00 | Tubular reabsorption and secretion | Mehmet Ergen |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

11.05.2012 FRIDAY

| | | |
|---------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 08:30 – 09:10 | Lab: Histology of the Organs Forming the Urinary System | Gözde E. Şentürk |
| 09:20 – 10:00 | Lab: Histology of the Organs Forming the Urinary System | Gözde E. Şentürk |
| 10:10 – 10:50 | CMPS V: Health Economics | Burhan Şenatalar |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 17:20 | Medical informatics and biomedical technologies -II Osmosis dialysis and artificial kidney dialysis and artificial kidney | Devrim Öz Arslan Ülkem Çakır Yakupoğlu |

| 14.05.2012 MONDAY | |
|-------------------|------------------------------|
| 08:30 – 09:10 | STUDENT RESEARCH CONGRESS II |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | STUDENT RESEARCH CONGRESS II |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 15.05.2012 TUESDAY | |
|--------------------|------------------------------|
| 08:30 – 09:10 | STUDENT RESEARCH CONGRESS II |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | STUDENT RESEARCH CONGRESS II |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 16.05.2012 WEDNESDAY | |
|----------------------|------------------------------|
| 08:30 – 09:10 | STUDENT RESEARCH CONGRESS II |
| 09:20 – 10:00 | |
| 10:10 – 10:50 | |
| 11:00 – 11:40 | |
| 11:50 – 12:30 | |
| 13:30 – 14:10 | STUDENT RESEARCH CONGRESS II |
| 14:20 – 15:00 | |
| 15:10 – 15:50 | |
| 16:00 – 16:40 | |

| 17.05.2012 THURSDAY | | |
|---------------------|-------------------------------------------------|--------------------|
| 08:30 – 09:10 | Renal function tests and urinalysis | Abdurrahman Coşkun |
| 09:20 – 10:00 | Renal function tests and urinalysis | Abdurrahman Coşkun |
| 10:10 – 10:50 | Sodium metabolism and edema-Fluid & Electrolyte | Ülkem Yakupoğlu |
| 11:00 – 11:40 | Acid base balance | Ülkem Yakupoğlu |
| 11:50 – 12:30 | Acid base balance | Ülkem Yakupoğlu |
| 13:30 – 14:10 | Agents affecting renal conservation of water | Filiz Onat |
| 14:20 – 15:00 | Agents affecting renal conservation of water | Filiz Onat |
| 15:10 – 15:50 | Medical English | |
| 16:00 – 16:40 | Medical English | |

| 18.05.2012 FRIDAY | | |
|-------------------|----------------------------------------|------------------|
| 08:30 – 09:10 | Conditions associated with hematuria | Gamze Bereket |
| 09:20 – 10:00 | Conditions associated with hematuria | Gamze Bereket |
| 10:10 – 10:50 | CMPS V: Health Economics | Burhan Şenatalar |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Conditions associated with proteinuria | Gamze Bereket |
| 14:20 – 15:00 | Conditions associated with proteinuria | Gamze Bereket |
| 15:10 – 15:50 | Hereditary basis of renal disorders | Yavuz Oktay |
| 16:00 – 16:40 | | |

21.05.2012 MONDAY

| | | |
|---------------|---------------------------------------|---------------|
| 08:30 – 09:10 | Tubular disorders | Gamze Bereket |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Study time for Interactive Module | |
| 11:50 – 12:30 | Study time for Interactive Module | |
| 13:30 – 14:10 | Pathology of glomerular diseases | Özlem Aydın |
| 14:20 – 15:00 | Pathology of glomerular diseases | Özlem Aydın |
| 15:10 – 15:50 | LAB: Pathology of glomerular diseases | Özlem Aydın |
| 16:00 – 16:40 | LAB: Pathology of glomerular diseases | Özlem Aydın |

22.05.2012 TUESDAY

| | | |
|---------------|----------------------------------------------------------|-------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Pathology of tubular and interstitial diseases of kidney | Özlem Aydın |
| 10:10 – 10:50 | Pathology of tubular and interstitial diseases of kidney | Özlem Aydın |
| 11:00 – 11:40 | Pathology of vascular diseases of kidney | Özlem Aydın |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | Course Examination: Medical English | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

23.05.2012 WEDNESDAY

| | | |
|---------------|---------------------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | Skills Related to Subject Committee | |
| 13:30 – 14:10 | Urinary System, Reproductive System & Related Disorders | |
| 14:20 – 15:00 | | |
| 15:10 – 15:50 | | |
| 16:00 – 16:40 | | |

24.05.2012 THURSDAY

| | | |
|---------------|---------------------------------------------------------|--|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | Skills Related to Subject Committee | |
| 10:10 – 10:50 | | |
| 11:00 – 11:40 | Urinary System, Reproductive System & Related Disorders | |
| 11:50 – 12:30 | | |
| 13:30 – 14:10 | Study Time | |
| 14:20 – 15:00 | Study Time | |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

25.05.2012 FRIDAY

| | | |
|---------------|---------------------------------------------------------|--|
| 08:30 – 09:10 | Study Time | |
| 09:20 – 10:00 | Study Time | |
| 10:10 – 10:50 | Study Time | |
| 11:00 – 11:40 | Study Time | |
| 11:50 – 12:30 | Study Time | |
| 13:30 – 14:10 | | |
| 14:20 – 15:00 | MED 311 Medical informatics and biomedical technologies | |
| 15:10 – 15:50 | Subject Committee Examination | |
| 16:00 – 16:40 | | |

| 28.05.2012 MONDAY | | |
|-------------------|-----------------------------------------|-----------------|
| 08:30 – 09:10 | Nuclear Medicine in Renal Disorders | Levent Güner |
| 09:20 – 10:00 | Interactive Module | |
| 10:10 – 10:50 | Interactive Module | |
| 11:00 – 11:40 | Glomerular Disease | Ülkem Yakupoğlu |
| 11:50 – 12:30 | Tubolointerstitial Disease | Ülkem Yakupoğlu |
| | | |
| 13:30 – 14:10 | Acute Kidney Injury-Acute Renal Failure | Ülkem Yakupoğlu |
| 14:20 – 15:00 | Chronic Kidney Disease | Ülkem Yakupoğlu |
| 15:10 – 15:50 | Chronic Kidney Disease | Ülkem Yakupoğlu |
| 16:00 – 16:40 | Study time | |

| 29.05.2012 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 | |

| 30.05.2012 WEDNESDAY | | |
|----------------------|--------------------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | | |
| 09:20 – 10:00 | | |
| 10:10 – 10:50 | MED 308 CMPS-VI Subject committee examination | |
| 11:00 – 11:40 | | |
| 11:50 – 12:30 | | |
| | | |
| 13:30 – 14:10 | Urologic symptoms and basic diagnostic modalities | Hakan Özveri |
| 14:20 – 15:00 | The pathophysiology of urinary obstruction, benign prostatic hyperplasia | Enis Coşkuner |
| 15:10 – 15:50 | Radiologic anatomy and imaging modalities in urogenital system | M. Erdem Yıldız |
| 16:00 – 16:40 | Radiologic anatomy and imaging modalities in urogenital system | M. Erdem Yıldız |

| 31.05.2012 THURSDAY | | |
|---------------------|---------------------------------------------------------------------|-----------------|
| 08:30 – 09:10 | Imaging of disease and algorhytm in urogenital system | M. Erdem Yıldız |
| 09:20 – 10:00 | Imaging of disease and algorhytm in urogenital system | M. Erdem Yıldız |
| 10:10 – 10:50 | Urinary Tract System Infections | Tanıl Kocagöz |
| 11:00 – 11:40 | Urinary Tract System Infections | Tanıl Kocagöz |
| 11:50 – 12:30 | Agents for urinary tract infections | Filiz Onat |
| | | |
| 13:30 – 14:10 | Micturition | Melike Şahiner |
| 14:20 – 15:00 | Management of the patient with urinary incontinence in primary care | Pınar Topsever |
| 15:10 – 15:50 | Drugs affecting bladder functions | İsmail H. Ulus |
| 16:00 – 16:40 | Epidemiology of urinary stone disease | Ahmet Şahin |

| 01.06.2012 FRIDAY | | |
|-------------------|-----------------------------------------|---------------|
| 08:30 – 09:10 | Pediatric urology | Selçuk Keskin |
| 09:20 – 10:00 | Urologic oncology | Bora Özveren |
| 10:10 – 10:50 | Urologic oncology | Bora Özveren |
| 11:00 – 11:40 | Pathology of prostate and urinary tract | Ümit İnce |
| 11:50 – 12:30 | Pathology of renal tumors | Özlem Aydın |
| | | |
| 13:30 – 14:10 | Lab: Pathology of renal tumors | Özlem Aydın |
| 14:20 – 15:00 | Lab: Pathology of renal tumors | Özlem Aydın |
| 15:10 – 15:50 | Study Time | |
| 16:00 – 16:40 | Study Time | |

04.06.2012 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 | |

05.06.2012 TUESDAY

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

06.06.2012 WEDNESDAY

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

07.06.2012 THURSDAY

| | |
|---------------|-------------------------------------------------|
| 08:30 – 09:10 | MED 306 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 | |

08.06.2012 FRIDAY

| | |
|---------------|---------------------------------------------------|
| 08:30 – 09:10 | MED 306 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

**2011 - 2012
OTHER
COURSE
INFORMATION**



| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | Credit | ECTS |
|--------------------------|------------------|---------------------------|-----------------------|--------|------|
| | | | Practical (Hour) | | |
| Medical English - I & II | Eng 101 & 102 | Fall-Spring | 32 | 6 | 6 |
| | | | 108 | | |
| | | | Study time (Hour) | | |
| | | | 20 | | |

| | | |
|-----------------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | : | English |
| Course Type | : | Compulsory |
| Course Level | : | Undergraduate |
| Year Coordinators | : | Prof. Serap Arbak; serap.arbak@acibadem.edu.tr Assist. Prof. Cemaliye Akyerli Boylu; cemaliye.boylu@acibadem.edu.tr |
| Course Coordinators | : | Prof. Sesin Kocagöz; sesinsesin@gmail.com Assoc. Prof. Pinar Topsever; pinar.topsever@acibadem.edu.tr |
| Academic Units & Staff | : | Prof. Sesin Kocagöz Assoc. Prof. Pinar Topsever Lisa J. Angelo, Instructor |
| Course Duration | : | 10.10.2011 – 01.06.2012 |
| Educational Methods | : | Theoretical and practical courses: multimedia sessions, role play, peer discussions, plenary sessions with student presentations, lectures, reading and listening comprehension exercises of simple medical conversations and basic texts, analyses of simple medical texts (popular media, general health information leaflets etc.) |
| Assessment Methods | : | Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations), medical text analysis home works |
| Course Aims | : | The aim of the “Medical English – I & II” courses is to support the medical curriculum by providing a linguistic introduction to the use of the basic English language for professional activities (including basic scholarly communication) and in daily medical practice. |
| Learning Outcomes | : | By the end of this course, the students will: <ul style="list-style-type: none"> • Be proficient in general medical terminology (daily language and introduction to professional jargon) • Be able to comprehend and interpret spoken and written basic English medical language and texts • Be able to engage in active basic medical discourse (daily language with patients and their carers (laypeople) and professional jargon with colleagues and other health professionals) display basic scholarly communication skills (Spring semester) (writing a structured abstract, preparing a poster presentation, preparing and presenting an oral presentation on a simple scientific topic to a professional, as well as, lay audience |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | Credit | ECTS |
|----------------------------|------------------|---------------------------|-----------------------|--------|------|
| | | | Practical (Hour) | | |
| Medical English - III & IV | Eng 201 & 202 | Fall-Spring | 42 | 6 | 6 |
| | | | 77 | | |
| | | | Study time (Hour) | 25 | 6 |

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|-----------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | : | English |
| Course Type | : | Compulsory |
| Course Level | : | Undergraduate |
| Year Coordinators | : | Prof. Tanıl Kocagöz; tk05-k@tr.net Assist. Prof. Dr. Melike Şahiner; melike.sahiner@acibadem.edu.tr |
| Course Coordinators | : | Prof. Sesin Kocagöz; sesinsesin@gmail.com Assoc. Prof. Pinar Topsever; pinar.topsever@acibadem.edu.tr |
| Academic Units & Staff | : | Prof. Sesin Kocagöz Assoc. Prof. Pinar Topsever Lisa J. Angelo, Instructor |
| Course Duration | : | 14.09.2011 - 24.05.2012 |
| Educational Methods | : | Theoretical and practical courses: multimedia sessions, role play, peer discussions, plenary sessions with student presentations, lectures, reading and listening comprehension exercises of medical discourses and texts (popular media, general health information leaflets etc.), analyses of medical texts (literature in journal clubs) |
| Assessment Methods | : | Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations), literature analysis home works |
| Course Aims | : | The aim of the “Medical English – III & IV” courses is to provide proficiency in the use of the English language for professional activities (CPD and scholarly communication) and in daily medical practice. |
| Learning Outcomes | : | By the end of this course, the students will: <ul style="list-style-type: none"> • Be proficient in specific medical terminology (daily language and professional jargon) regarding the clinical subject committees of year II (Musculoskeletal System, Hematopoietic and Immune System, Respiratory System) • Be able to comprehend and use basic research terminology • Be able to comprehend and interpret spoken and written English medical language and texts • Be able to engage in active medical discourse (daily language with patients and their carers (laypeople) and professional jargon with colleagues and other health professionals) and scholarly communication • Be able to do a directed database literature search • Be able to write a research proposal • Be able to write a structured research abstract • Be able to prepare and to present (oral) a scientific topic to a professional audience |

| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | Credit | ECTS | |
|-------------------------|------------------|---------------------------|-----------------------|--------|------|---------------------|
| | | | 40 | | | Practical (Hour) |
| Medical English -V & VI | Eng 301 & 302 | Fall-Spring | Study time (Hour) | 45 | 6 | 6 |

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| Educational Language | : | English |
| Course Type | : | Compulsory |
| Course Level | : | Undergraduate |
| Year Coordinators | : | Prof. İsmail Hakkı Ulus; ihakki.ulus@acibadem.edu.tr Assoc. Prof. Nadi Bakırcı; nadi.bakirci@acibadem.edu.tr |
| Course Coordinators | : | Prof. Sesin Kocagöz; sesinsesin@gmail.com Assoc. Prof. Pınar Topsever; pinar.topsever@acibadem.edu.tr |
| Academic Units & Staff | : | Prof. Sesin Kocagöz Assoc. Prof. Pınar Topsever Lisa J. Angelo, Instructor |
| Course Duration | : | 13.09.2011 – 22.05.2012 |
| Educational Methods | : | Theoretical and practical courses: multimedia sessions, role play, peer discussions, plenary sessions with student presentations, lectures, reading and listening comprehension exercises of medical discourses and texts, analyses of medical texts (literature analyses in journal clubs etc.) |
| Assessment Methods | : | Theoretical written examinations (MCQs), essays, performance based assessment (oral and poster presentations), literature analysis home works |
| Course Aims | : | The aim of the “Medical English – V & VI” courses is to provide proficiency in the use of the English language for advanced professional activities (CPD and scholarly communication) and in daily medical practice |
| Learning Outcomes | : | <p>By the end of this course, the students will:</p> <ul style="list-style-type: none"> • Be proficient in specific medical terminology (daily language and professional jargon) regarding the clinical subject committees of year III (Cardiovascular System, Urinary and Reproductive System, Nervous System, Endocrine System, Gastrointestinal System) • Be able to comprehend and interpret spoken and written English medical language and texts • Be able to engage in active medical discourse (daily language with patients and their carers (laypeople) and professional jargon with colleagues and other health professionals) and scholarly communication • <i>be proficient in English research terminology</i> • <i>be able to write a professional curriculum vitae</i> • <i>be able to write an application letter for a professional placement</i> • <i>be able to prepare and hold an oral presentation on a specific medical topic for a scientific audience</i> • <i>be able to critically appraise a scientific publication of medical research</i> • <i>be able to write a scientific research article about their own research project</i> • <i>be able to understand medical chart information including abbreviations</i> • <i>be able to do health counselling for patients and carers</i> |

| 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 |

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|-----------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 KARADAĞ, Ph.D., Assist. Prof. |
| Course Duration | : | 10.10.2011-28.05.2012 |
| Educational Methods | : | Theoretical Courses, Discussions, Homeworks |
| Assessment Methods | : | Theoretical Examinations |
| Course Aims | : | This course is a survey of modernization process of Turkey from the 19th century onwards. It deals with topics in the economic, social and political history focusing on Turkish revolution known as "Atatürk's revolutions". The course will explore the characteristics of Turkish Revolution in comparison with revolutions of the modern age in both Western and Eastern states. The students will learn about the impact of the Age of Enlightenment and the French Revolution on both the collapse of the Ottoman Empire and the founding principles of the modern Turkish Republic. |
| Learning Outcomes | : | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • gain knowledge on social, economic and political developments in the 19th and early 20th century of Turkey • become familiar with notions of modern political concepts such as nationalism and bourgeois revolution to understand the nature of Turkish revolution • explore the continuities and change from the Ottoman Empire to the Republic • get a comprehensive view on the formation and structure of the Turkish Revolution through a comparative perspective • learn in-depth about external and internal problems in building a Republic • get different historiographical views on Atatürk's revolutions and principles • learn about the impact of Atatürk and Turkish Revolution in other countries • understand the aims and goals of Atatürk • learn about early Republican Era and transition to multi-parliamentary era |

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

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|-----------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | : | Assist. Prof. Hülya DÜNDAR ŞAHİN |
| Course Duration | : | 05.10.2011-30.05.2012 |
| Educational Methods | : | Theoretical Courses, Discussions, Homeworks |
| Assessment Methods | : | Theoretical Examinations |
| Course Aims | : | This course aims to gain knowledge about the importance of Turkish language and literature. Impact of language on cultural development will be pointed out. Emphasis is placed on reading, interpreting and discussing selected prose, novels, stories and poetry. Correct use of Turkish will be discussed with examples of narration defects, punctuation, and spelling mistakes. |
| Learning Outcomes | : | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • Explain the features of written language • Define the rules for written explanation • Describe grammar rules • Indicate the rules for punctuation • Describe the concepts of writing an essay • Define the methods to express himself |

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

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|-----------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | : | Turkish |
| Course Type | : | Elective |
| 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 | : | Şirin PARKAN, M.D. |
| Course Duration | : | 11.10.2011-22.05.2012 |
| 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 | : | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • 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 |

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| Educational Language | : | Turkish |
| Course Type | : | Elective |
| 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 | : | Haldun HÜREL |
| Course Duration | : | 11.10.2011-28.05.2012 |
| 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 | : | <p>By The End Of This Course, The Students Will Be Able To:</p> <ul style="list-style-type: none"> • 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) | Credit | ECTS |
|--------------------|---------|---------------------------|-----------------------|--------|------|
| | | | Practical (Hour) | | |
| History Of Science | ELE 105 | Fall-Spring | 28 | 2 | 1 |
| | | | Study time (Hour) | 3 | |

| | | |
|-----------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Karadağ, Ph.D., Assist. Prof. |
| Course Duration | : | 11.10.2011-28.05.2012 |
| 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: <ul style="list-style-type: none"> • 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) | Credit | ECTS | |
|----------------------------|---------|---------------------------|-----------------------|--------|------|---------------------|
| | | | 28 | | | Practical (Hour) |
| Culture of Classical Music | ELE 107 | 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 | : | 15.09.2011-25.05.2012 |
| 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: <ul style="list-style-type: none"> • 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) | Credit | ECTS |
|-------------------|---------|---------------------------|-----------------------|--------|------|
| | | | Practical (Hour) | | |
| Creative Approach | ELE 117 | Fall-Spring | 28 | 2 | 1 |
| | | | Study time (Hour) | 3 | |

| | | |
|-----------------------------|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Educational Language | : | Turkish |
| Course Type | : | Elective |
| Course Level | : | Undergraduate |
| Year Coordinators | : | Prof. Tanil Kocagöz; tk05-k@tr.net Assist. Prof. Melike Şahiner; melike.sahiner@acibadem.edu.tr |
| Course Coordinator | : | Feridun HÜREL |
| Course Duration | : | 15.09.2011-25.05.2012 |
| 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: <ul style="list-style-type: none"> • 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 |

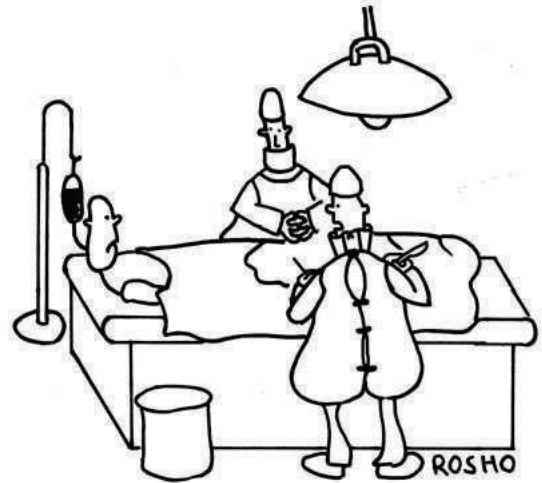
| Course Name | Code | Semester (Fall/Spring) | Theoretical (Hour) | 28 | Credit | ECTS |
|-------------------------------------|------|---------------------------|-----------------------------|----|--------|------|
| | | | Practical (Hour) | | | |
| Cultures, Individuals and Health | ELE | Fall-Spring | 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 | : | Assoc. Prof. İnci USER |
| Course Duration | : | 15.09.2011-25.05.2012 |
| Educational Methods | : | Theoretical and Practical Courses, Discussions, Homeworks, Projects |
| Assessment Methods | : | Theoretical and Practical Examinations |
| Course Aims | : | This course aims to acquaint the students with the complex interactions between culture, behavior and health. |
| Learning Outcomes | : | <p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • define, explain and discuss interdisciplinary and transdisciplinary approaches to health and illness. • list and explain the major issues in health psychology. • list and explain the major issues in health anthropology. • discuss the relations between culture, human development and personality. • list, explain and discuss the psychological and cultural determinants of health and illness behaviors, stress and coping. • discuss the cultural approach to mental health and illness. |

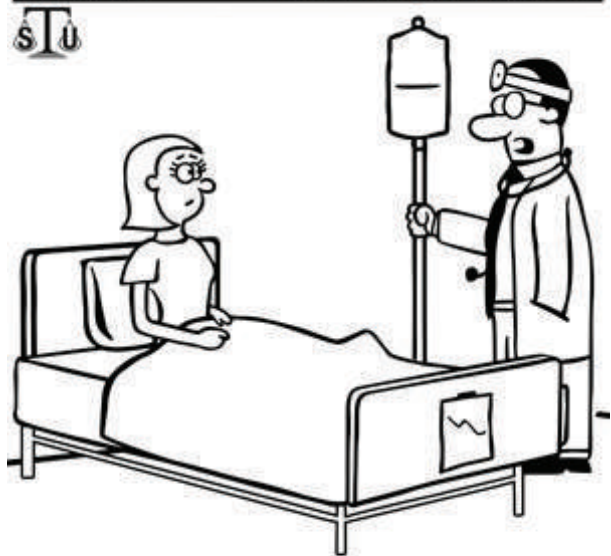




MEDICINE IS A WAY OF LIFE



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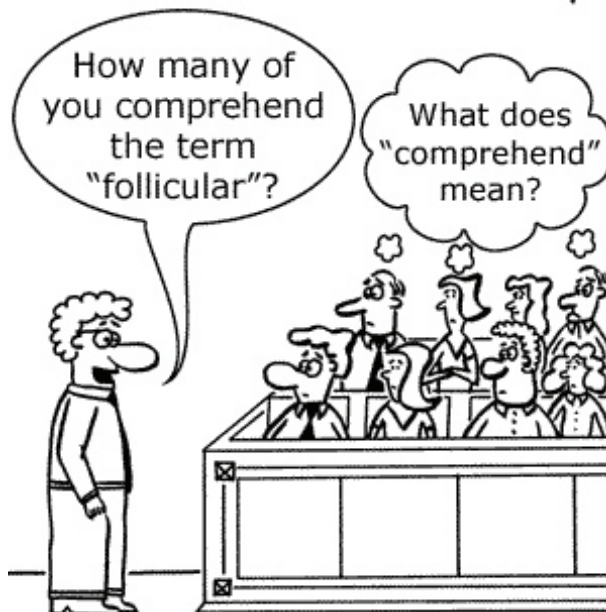


MEDICINE IS A WAY OF LIFE



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

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

