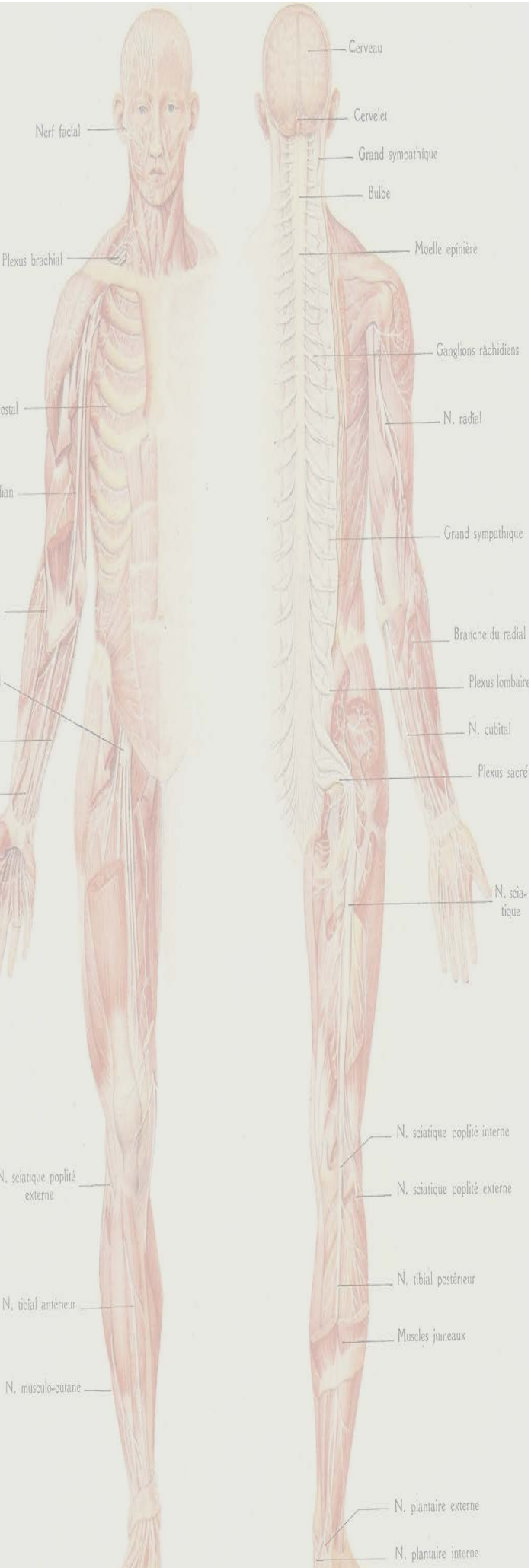

YEDİTEPE ÜNİVERSİTESİ
TIP FAKÜLTESİ
DÖNEM I
DERS PROGRAMI

2007 - 2008

YEDİTEPE ÜNİVERSİTESİ
TIP FAKÜLTESİ
DÖNEM I
DERS PROGRAMI

2007 - 2008

26 Ağustos Yerleşimi Kayışdağı Caddesi 34755 Kayışdağı / Erenkoy – İSTANBUL
Tel: (0216) 578 05 23 – 578 06 86 Faks: (0216) 578 05 75

Dekan Mesajı

Sevgili öğrenciler,

Meslek yaşamınızın ilk adımını Yeditepe Üniversitesi Tıp Fakültesinde attınız, hekimlik mesleğini seçtiniz.

Mesleğimizin ana maddesi insandır. Ömür boyu insanlara ve insanlığa hizmet edeceksiniz. Önünüzdeki altı yıllık zorlu bir eğitim ve öğretim sürecinde temel bilgilerle donanacaksınız ve başarılı bir eğitim süreci sonunda,ülkemize yakışır hekimler olarak toplumsal görev ve sorumluluklarınızı üstleneceksiniz.

Öğreniminiz boyunca karşılaşacağınız her türlü sorununuzda çözümleri birlikte arayacağız. Sizleri aramızda görmekten sevinçli ve gururluyuz. 2007-2008 öğrenim yılında mutlu ve başarılı olmanızı dilerim.

Prof. Dr. Ayça VİTRİNEL
Dekan

FACULTY OF MEDICINE
PHASE I
2007 – 2008 ACADEMIC CALENDAR

FALL SEMESTER		PHASE I (14 Weeks)*
Beginning of the Semester Classes	:	September 10, 2007
End of the Semester Classes	:	January 11, 2008
Fall Semester Midterm Examination	:	November 12-16, 2007 December 3-7, 2007
Fall Semester Final Examination	:	January 28-February 8, 2008
Fall Semester Make-up Examination	:	February 18-29, 2008

SPRING SEMESTER		PHASE I (14 Weeks)*
Beginning of the Semester Classes	:	March 3, 2008
End of the Semester Classes	:	June 20, 2008
Spring Semester Midterm Examination	:	April 14-18, 2008 May 12-16, 2008
Spring Semester Final Examination	:	July 7-18, 2008
Spring Semester Make-up Examination	:	August 18-29, 2008
Religious Days	:	October 8-12, 2007 Monday-Friday December 17-21, 2007 Monday-Friday
Holidays	:	October 29, 2007 Monday
		January 1, 2008 Tuesday
		March 14, 2008 Friday (Physicians' Day)
		April 23, 2008 Wednesday

** Period of education for each semester indicates "the net education week" after the midterm-exam weeks and the holidays are excluded. Theoretical and practical Lessons will not be executed during the midterm-exam weeks.*

NB: In Fall and Spring semesters, during mid-term week;

FALL: (November 12-16,2007, December 3-7,2007) BREAK-NO CLASSES

SPRING: (April 14-18,2008, May 12-16) BREAK-NO CLASSES

COURSES OF PHASE I

PHASE I	
FALL SEMESTER	**SPRING SEMESTER**
BIOSTATISTICS	BIOSTATISTICS
BASIC MEDICAL BIOLOGY	BASIC MEDICAL GENETICS
ANATOMY	BIOCHEMISTRY
MEDICAL ORGANIC CHEMISTRY	ANATOMY
GENERAL HISTOLOGY and EMBRYOLOGY	PHYSIOLOGY
MEDICAL PHYSICS	PROFESSIONAL SKILLS I
FIRST AID	ANATOMICAL DRAWING
ANATOMICAL DRAWING	MEDICAL DEONTOLOGY and ETHICS
INFORMATICS IN HEALTH SCIENCES	GENERAL HISTOLOGY and EMBRYOLOGY
PSYCHOLOGY FOR HEALTH SCIENCES	ATATURK'S PRINCIPLES and HISTORY OF MODERN TURKEY
HISTORY OF MEDICINE	TURKISH LANGUAGE and LITERATURE
ATATURK'S PRINCIPLES and HISTORY OF MODERN TURKEY	HUMANITIES
TURKISH LANGUAGE and LITERATURE	
HUMANITIES	

PHASE I

PHASE I / Fall Semester

COURSES with CREDITS

COURSES	THEORETICAL	PRACTICAL	CREDITS	ECTS CREDITS
MDM 101 BIOSTATISTICS	2	-	2	2
MDM 115 BASIC MEDICAL BIOLOGY	2	-	2	2
MDM 130 MEDICAL ORGANIC CHEMISTRY	2	-	2	2
MDM 120 ANATOMY	1	2	2	2
MDM 160 MEDICAL PHYSICS	2	-	2	2
MDM 150 GENERAL HISTOLOGY and EMBRYOLOGY	1	-	1	1
MD 140 FIRST AID	2	2	3	3
MDM 181 ANATOMICAL DRAWING	2	-	2	2
PSY 220 PHYCHOLOGY FOR HEALTH SCIENCES	2	-	2	2
MDM 155 HISTORY OF MEDICINE	2	-	2	2
MDM 110 INFORMATICS IN HEALTH SCIENCES	-	2	1	1
HTR 301 ATATURK'S PRINCIPLES and HISTORY OF MODERN TURKEY	2	-	-	1
TKL 201 TURKISH LANGUAGE AND LITERATURE	2	-	-	1
HUM 101 HUMANITIES I	3	-	3	3

ECTS CREDITS TOTAL 26

PHASE I

PHASE I / FALL SEMESTER / WEEKLY COURSE SCHEDULE

	09:00-09:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50
MONDAY	Bioistatistics MDM 101 (T)	Bioistatistics MDM 101 (T)	Basic Medical Biology MDM 115 (T)	Basic Medical Biology MDM 115 (T)		Medical Physics MDM 160 (T) B307	Medical Physics MDM 160 (T) B307	Humanities HUM 101 (Konferans)	
TUESDAY	Informatics in Health Sciences MDM 110 B 307	Informatics in Health Sciences MDM 110 B 307	Atatürk's Principles and History of Modern Turkey HTR 301	Atatürk's Principles and History of Modern Turkey HTR 301		Turkish Language and Literature TKL 201 YÖS	Turkish Language and Literature TKL 201 YÖS	Turkish Language and Literature TKL 201 YÖS	
WEDNESDAY	Anatomy MDM 120 (T) B307	Anatomy MDM 120 (P) B307	Anatomy MDM 120 (P) B307	Anatomy MDM 120 (P) B307		General Histology and Embryology MDM 150 (T) B307	First Aid MD 140	First Aid MD 140	First Aid MD 140
THURSDAY	Anatomical Drawing MDM 181	Anatomical Drawing MDM 181	Turkish Language and Literature TKL 201	Turkish Language and Literature TKL 201				Humanities HUM 101	Humanities HUM 101
FRIDAY	Medical Organic Chemistry MDM 130	Medical Organic Chemistry MDM 130	Psychology For Health Sciences PSY 220 (Section 1)	Psychology For Health Sciences PSY 220 (Section 1)		History of Medicine MDM 155 (T)	History of Medicine MDM 155 (T)	Psychology For Health Sciences PSY 220 (Section 2)	Psychology For Health Sciences PSY 220 (Section 2)

PHASE I

FALL SEMESTER MIDTERM EXAMS

History of Medicine	November 12,2007	15:00
Anatomical Drawing	November 13,2007	13:00
Anatomy	November 15,2007	10:00
Psychology for Health Sciences	November 16,2007	15:00
Medical Physics	November 16,2007	10:00
First Aid	December 3,2007	10:00
Medical Organic Chemistry	December 4,2007	10:00
Biostatistics	December 5,2007	10:00
Basic Medical Biology	December 6,2007	10:00
General Histology & Embryology	December 7,2007	10:00

FALL SEMESTER FINAL EXAMS

First Aid	January 28,2008	10:00
Medical Physics	January 29,2008	10:00
General Histology&Embryology	January 30,2008	10:00
Biostatistics	January 31,2008	10:00
Medical Organic Chemistry	February 1,2008	10:00
Basic Medical Biology	February 4,2008	15:00
Anatomical Drawing	February 5,2008	15:00
Psychology for Health Sciences	February 6,2008	10:00
Anatomy	February 7,2008	10:00
History of Medicine	February 8,2008	10:00

FALL SEMESTER MAKE-UP EXAMS

First Aid	February 18,2008	10:00
Medical Physics	February 19,2008	10:00
General Histology&Embryology	February 20,2008	10:00
Biostatistics	February 21,2008	10:00
Medical Organic Chemistry	February 22,2008	10:00
Basic Medical Biology	February 25,2008	15:00
Anatomical Drawing	February 26,2008	15:00
Psychology for Health Sciences	February 27,2008	10:00
Anatomy	February 28,2008	10:00
History of Medicine	February 29,2008	10:00

FACULTY OF MEDICINE
PHASE I FALL SEMESTER
COURSE DESCRIPTION

MD 101 BIOSTATISTICS

COURSE OBJECTIVE: The objective of the course is to help students to understand theoretical characteristics of statistical methods and develop practical knowledge and skills to analyze the medical data. The course is designed to give students opportunity to do diagnostic analysis of data structures for medical practice and applications of statistical methods by using statistical package programs

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Subjects:

- Main concepts in biostatistics
  - Statistics
  - Population and sample
  - Descriptive and inductive statistics
  - Variable and graphs

- Frequency distributions
  - Raw Data
  - Arrays and frequency distribution
    - Common arrays
    - Sorted arrays
    - Grouped arrays
  - Class intervals and class limits
  - The size or width of a class interval
  - Types of frequency curves

- Measures of central tendency
  - Averages and measures of central tendency
    - The arithmetic mean
    - Weighted arithmetic mean
    - Geometric mean
    - Harmonic mean
    - Root mean square
  - Median
  - Mod

- Measures of central dispersion
  - The mean deviation
  - The Standard deviation
  - The variance
  - Moments, Skewness and Kurtosis

- Elementary probability theory

Classical definition of probability
Independent and dependent events
Discrete and continues probability distribution
Relation between population and sample mean and variance

Distributions
Discrete probability distribution
Binomial probability distribution
Poisson probability distribution
The normal probability distribution

Elementary sampling theory
Simple random sample
Systematic Random Sampling
Stratified Random Sampling
Cluster Sampling

MDM 115 BASIC MEDICAL BIOLOGY

Theoretical:

The Cell Prokaryotic and Eukaryotic Cells
Capsule,Cell wall and Cell membrane
Cell organels, Mitochodria, Ribosome,
Endoplasmic reticulum, Golgy complex, Lysosome,
Peroxisome, Centriol, Microtubils, Microphalements,
Cilia, and phylagella,
Cytoplasm
Nucleus
Macromolecules
Amino acids
Proteins
Carbohydrates
Lipides
Nucleic acids
Structure and function of DNA and RNA
Cell Division, Mitosis and Meiosis
The Life Cycle of Somatic Cell
Replication of DNA and Transcription of RNA
Repair of DNA and DNA Repair Enzymes
Molecular organisatıon of prokaryotic genes
Lac-Operon
Histidine Operon
Tyriptophan Operon
Arabinose Operon

Practical:

Introduction of Different kind microscope and Observation of different cells Chick Epitheial Cell. Blood Cells and Onion Cell

MDM 130 MEDICAL ORGANIC CHEMISTRY

Theoretical:

Introduction to Organic chemistry
Alkanes Alkenes
Alkynes, Alkyl Halides
Alcohols and Ethers
Aldehydes, Ketones
Carboxylic Acids
Esters
Amines and Other Nitrogens Fuctions
Benzene and Aromatic Hydrocarbons
Carbohydrates
Lipids
Amino Acids, Peptides and Proteins
Heterocyclic Compounds

MDM 120-ANATOMY

Musculoskeletal System
Theoretical:

Introduction to the anatomy
Terminology in anatomy
General considerations on bones, joints and muscles
General considerations on the cardiovsacular system
Introduction to the nervous system anatomy
Skull
Vertebral column, costae and the sternum
Bones and joints of the upper limb
Axilla and the brachial plexus
Superficial muscles of the back
Shoulder and arm
Pectoral region and the mammary glands
Anterior aspect of the forearm and the cubital fossa
Posterior aspect of the forearm
Anatomy of the hand
Nerves and vasculature of the upper limb
Discussion

Practical:

Skull
Vertebral column, costae and the sternum
Bones and joints of the upper limb
Axilla and the brachial plexus
Superficial muscles of the back
Shoulder and arm
Pectoral region and the mammary glands
Anterior aspect of the forearm and the cubital fossa
Posterior aspect of the forearm
Anatomy of the hand
Nerves and vasculature of the upper limb

MDM 160 MEDICAL PHYSICS

Theoretical:

Introduction to Biological and Medical Physics
Physical Measurements, scaler and vectorel
Unit Standards
Mechanics and Biomechanics
Biomaterials
Electricity
Electrical, Magnetic and Electromagnetic Fields
Bioelectronics
Biological Effects of Electromagnetic Fields
Electrical Security Systems in Medical Applications

MDM 150-GENERAL HISTOLOGY & EMBRYOLOGY

Theoretical:

Introduction to Histology
Introduction to Cell, Cell Membrane
Cell Membrane
Cell Organalles (GER, SER, Ribosomes, Golgi)
Cell Organalles (Lysosomes, Peroxisosomes, Mithochondria, Pigments & Inclusions)
Cytoskeleton (Microfilament, Intermediate Filament, Microtubulus)
Nucleus
Cell Division (Mitosis & Meiosis)
Introduction to Embryology
Gametogenesis; Spermatogenesis
Gametogenesis; Oogenesis

MD 140 FIRST AID

Theoretical:

Introduction to the First Aid Programmes
Legal Aspect of First Aid 1,2
Human Anatomy
Scene Assesment
Basic Life Support 1,2
Shock and Bleeding Control
Injuries
Foreign objects
Burns, Freezing, Frostbite
Fractures and dislocation 1,2
The unconscious Causalty
Poisining
Insect bite
Drowning
Patient-Causalty transportation techniques

Practical:

Basic life support
Patient-causalty transportation

MDM 181 ANATOMICAL DRAWING

Theoretical:

The head
Anterior view of the skull
Side view of the skull
The arms
The bones of the left – right
hand seen from the anterior face (the palm)
The hands
The bones of the left – right
hand seen from the anterior face (the palm)
The legs
Anterior view of the bones of the right leg
Posterior view of the bones of the right leg
The feet bones
The torso
Anterior view of the bones of the torso
The torso
Rear view of the bones of the torso

PSY 220 PSYCHOLOGY FOR HEALTH SCIENCES

Theoretical:

Introduction to Psychology
Major Psychological Theories of Human Behavior
The Biopsychosocial Model of Understanding Behavior in Health and Illness
The Physician-Patient Relationship and Developing Physicians' Necessary Skills to the Psychological and Emotional Needs of their Patients
States of Consciousness
World of Sleep, Sleep Problems and Nondrug Treatments
Memory
Substance Abuse: Prevention and Psychological Treatment Interventions
Stress Responses and Treatment Strategies; Motivation
Understanding Abnormal Behavior and Mental Disorders
Understanding Mental Disorders- Case Studies .

MDM 155 HISTORY OF MEDICINE

Theoretical:

Introduction to Medical History
Prehistoric Medicine, Primitive Medicine
Medicine in Mesopotamia
Medicine in Ancient Anatolia
Medicine in Ancient Egypt
Medicine in Ancient India
Medicine in Ancient China
Ancient Greek Medicine
Roman Medicine
Medicine in Middle ages (Western World)
Epidemics during middle ages
Medicine in Middle ages (Islamic World)
Avicenna, Razeh
Medicine during Renaissance
Vesalius and reform in Anatomy
Medicine during 17th century (age of Measurement)
Harvey and circulation of blood
Medicine in 18th century (ages of Theories)
Iatrophysics, iatrochemistry and vitalism
Medicine during 19th century
Pasteur and Koch
Seljukid Medicine
Medicine during Ottoman Empire
Modernization of Medical Education in Ottoman Empire
Medicine in Turkish Republic

MDM 110 INFORMATICS IN HEALTH SCIENCES

Practical

Information processing and computers
Hard ware of computers
Soft ware of computers
Programming
Algorithms
Operating systems of computers
Office programs
Internet programs
Informatic systems in health sciences
Hospital information systems
Pharmcy information systems
Patient care information systems
Public health information systems
Occupational health information systems
Telemedicine

PHASE I / Spring semester

COURSES with CREDITS

COURSES	THEORETICAL	PRACTICAL	CREDITS	ECTS CREDITS
MDM 102 BIOSTATISTICS	2	-	2	2
MDM 125 BASIC MEDICAL GENETICS	2	-	2	2
MDM 122 BIOCHEMISTRY	3	-	3	4
MDM 104 ANATOMY	4	2	5	5
MDM 103 PHYSIOLOGY	3	2	4	4
MDM 182 ANATOMICAL DRAWING	2	-	2	2
MDM 255 MEDICAL DEONTOLOGY and ETHICS	2	-	2	2
MDM 151 GENERAL HISTOLOGY and EMBRYOLOGY	2	2	3	4
MD 141 PROFESSIONAL SKILLS I	2	2	3	4
HTR 302 ATATURK'S PRINCIPLES and HISTORY of MODERN TURKEY	2	-	-	1
TKL 202 TURKISH LANGUAGE and LITERATURE	2	-	-	1
HUM 102 HUMANITIES II	3	-	3	3

ECTS CREDITS TOTAL 34

PHASE I

PHASE I / SPRING SEMESTER / WEEKLY COURSE SCHEDULE

	09:00-09:50	10:00-10:50	11:00-11:50	12:00-12:50	13:00-13:50	14:00-14:50	15:00-15:50	16:00-16:50	17:00-17:50
MONDAY	Physiology MDM 103 (T)	Physiology MDM 103 (T)	Biochemistry MDM 122 (T)		Physiology MDM 103 (T)	Physiology MDM 103 (P)	Physiology MDM 103 (P)	Humanities HUM 102	
TUESDAY	Basic Medical Genetics MDM 125	Basic Medical Genetics MDM 125	Anatomy MDM 104 (T)	Anatomy MDM 104 (T)		Anatomy MDM 104 (P)	Anatomy MDM 104 (P)		
WEDNESDAY	Biochemistry MDM 122 (T)	Biochemistry MDM 122 (T)	Anatomy MDM 104 (T)	Anatomy MDM 104 (T)		Professional Skills I MD 141	Professional Skills I MD 141	Professional Skills I MD 141	
THURSDAY	Anatomical Drawing MDM 182 937-939	Anatomical Drawing MDM 182 937-939	General Histology and Embryology MDM 151 (T)	General Histology and Embryology MDM 151 (T)		Bioistatistics MDM 102 (T)	Bioistatistics MDM 102 (T)	General Histology and Embryology MDM 151 (P)	General Histology and Embryology MDM 151 (P)
FRIDAY	Turkish Language and Literature TKL 202	Turkish Language and Literature TKL 202	Atatürk's Principles and History of Modern Turkey HTR 302	Atatürk's Principles and History of Modern Turkey HTR 302		Medical Deontology and Ethics MDM 255 (T)	Medical Deontology and Ethics MDM 255 (T)	Humanities HUM 102	Humanities HUM102

PHASE I

SPRING SEMESTER MIDTERM EXAMS

Medical Deontology & Ethics	April 14,2008	14:00
Anatomy	April 16,2008	10:00
Biostatistics	April 17,2008	15:00
General Histology & Embryology	April 18,2008	10:00
Professional Skills I	May 12,2008	10:00
Physiology	May 13,2008	10:00
Anatomical Drawing	May 14,2008	10:00
Biochemistry	May 15,2008	10:00
Basic Medical Genetics	May 16,2008	10:00

SPRING SEMESTER FINAL EXAMS

Anatomy	July 7,2008	10:00
Medical Deontology & Ethics	July 8,2008	10:00
General Histology & Embryology	July 9,2008	10:00
Anatomical Drawing	July 10,2008	15:00
Biochemistry	July 11,2008	10:00
Professional Skills I	July 14,2008	10:00
Biostatistics	July 15,2008	10:00
Basic Medical Genetics	July 16,2008	10:00
Physiology	July 18,2007	10:00

SPRING SEMESTER MAKE-UP EXAMS

Anatomy	August 18,2008	10:00
Medical Deontology & Ethics	August 19,2008	15:00
General Histology & Embryology	August 20,2008	14:00
Anatomical Drawing	August 21,2008	14:00
Biochemistry	August 22,2008	10:00
Professional Skills I	August 25,2008	10:00
Biostatistics	August 26,2008	10:00
Basic Medical Genetics	August 27,2008	10:00
Physiology	August 29,2008	10:00

FACULTY OF MEDICINE
PHASE I SPRING SEMESTER
COURSE DESCRIPTION

MDM 102 BIOSTATISTICS

Subjects:

- Statistical decision theory, test of hypotheses and significance
  - Tests of hypotheses and significance
  - Level of significance
  - Tests involving the normal distribution
  - Tests involving the binomial distribution

- Test of hypotheses in large samples
  - Testing for the population mean
  - Testing for two population means
  - Tests concerning proportions

- Test of hypotheses in small samples
  - Characteristics of Student t distribution
  - A test for the population mean
  - Comparing two independent population means
  - Hypothesis testing dependent samples

- Analysis of variance
  - The F distribution
  - Comparing two population variance
  - The ANOVA test

- Nonparametric Methods
  - The Chi – square test
  - Analysis of ranked data

- Linear Regression and Correlation
  - The coefficient of correlation
  - Testing the significance of the correlation coefficient
  - Regression analysis

- Multiple regression and correlation analysis
  - Multiple regression analysis
  - Evaluating the regression equation

MDM 125 BASIC MEDICAL GENETICS

Theoretical:

Introduction to Medical Genetics
Genetic aspects of development
Patterns of single gene inheritance
Multifactorial inheritance
Cytogenetics and chromosomal disorders
Prenatal diagnosis
Cancer genetics
Pharmacogenetics and pharmacogenomics
Gene therapy and the treatment of genetic diseases
Genetic counselling and risk assessment
Ethical and social issues in Medical Genetics
Diagnostic tools in Molecular Biology and Genetics
Karyotyping (practical)
DNA analysis (practical

MDM 122 BIOCHEMISTRY

Theoretical:

Cell structure and function
Biomolecules:
Carbohydrates
Monosaccharides (Classification, Stereoisomerism, Hemiacetal and hemiketal forms,Importants derivatives)
Oligosaccarides
Disaccharides (lactose, sucrose, maltose, cellobiose)
Polysaccharides
Homopolysaccharides
Starch and Glycogen
Heteropolysaccharides (Glycosaminoglycans)
Hyaluronic acid, Chondroitin sulphate, Dermatan sulphate, keraten sulphapte, Heparin
Glycoconjugates
Mediation of Biological Processes by Oligosaccharide-Lectin Interactions
Lipids
Fatty acids (Saturated, unsaturated)
Triacylglycerols
Phospholipids
Glycolipids
Isoprene derivatives
Steroids (Cholesterol and bile acids)
Eicosanoids
Proteins
Amino acids (Classification, Nonstandard amino acids, Nonprotein amino acids, Isoelectric point and electrophoresis)

Some peptides (Glutathione, its structure and functions)
Primary, Secondary, Tertiary and Quaternary structures of Proteins
Plasma proteins
Nucleic acids and nucleotides
Structure of DNA and RNA, their functions
Some importants nucleotides as cofactors
Enzymes (Structures, Kinetics of enzymatic reactions, Inhibitions of enzymatic reactions, Effets of some parameters on enzymatic reactions)
Regulatory enzymes (Types, Principles of their catalytic actions, examples to these enzymes)
Oxidoreductases, Transferases, Hydrolases, Lyases, Isomerases, Ligases (Mecahnisms of their actions, and examples to each of these enyzme classes)
Oxidative phosphorylation
Structure of mitochondria in relation with Oxidative phosphorylation
Structures and funtions of Complexes I-IV
ATP synthesis (Chemiosmotic theory)
Biological membranes and transport
Molecular constituents of membranes and their organisation in the membrane
Motion of membrane lipids and proteins
Peripheral and integral proteins of the membranes
Transport across the membranes
Passive transport
Active primary and secondary transport (mechanisms of these transports and basic examples)
ATPases (Types, structure, functions)

MDM 104 ANATOMY

Musculoskeletal System
Theoretical:

Bones and joints of the lower limb and pelvis
Gluteal region
Lumbosacral plexus
Antero-medial aspect of the thigh
Posterior aspect of the thigh and teh popliteal fossa
Antero-lateral aspect of the leg
Posterior aspect of the leg
Anatomy of the foot
Nerves and vasculature of the lower limb

Practical:

Bones and joints of the lower limb and pelvis
Gluteal region
Lumbosacral plexus
Antero-medial aspect of the thigh
Posterior aspect of the thigh and teh popliteal fossa
Antero-lateral aspect of the leg
Posterior aspect of the leg
Anatomy of the foot
Nerves and vasculature of the lower limb

MDM 182 ANATOMICAL DRAWING

Rear view of the bones of the torso
The spinal column
Rear view of the spinal column
The skelet
Frontal view of the Skeleton
The skelet
Rear view of the Skeleton
The skelet
Lateral view
The muscles
Muscle structure outer
Muscles frontal view of human body
Full figure
The muscles
Muscle structure outer muscles rear view of human body
Full figure

MDM 103 PHYSIOLOGY

Theoretical:

Introduction to Physiology and Homeostasis
Cell Membrane
Osmotic Pressure and Permeability of the Cell Membrane
Transport of Substances
Membrane Potentials and Action Potentials
Skeletal Muscle Physiology
Contraction of Skeletal Muscle
Neuromuscular Transmission
Smooth Muscle Physiology
Functions of Blood
Erythrocytes
Leukocytes
Lymphocytes and the Immune System
Platelets and Coagulation

Blood Types and Transfusion Reactions
Physiology of Cardiac Muscle
Regulation of Cardiac Function
Rhythmical Excitation of the Heart
Principles of Electrocardiography
Cardiac Cycle
Cardiac Output

Practical:

Diffusion
Electromyography-I
Electromyography-II
Isometric Contraction of Myometrium
Film: Muscle and Bone
Hematocrit Determination
Osmotic Fragility Test
Blood Types
Film: Defend and Repair
Bleeding and Coagulation Times
Electrocardiography
Film: The Human Pump

MDM 255 MEDICAL DEONTOLOGY AND ETHICS

Theoretical:

Introduction to Medical Deontology
Hippocrat From Cos Island
Hippocratic Oath
Patients-Physician Relationship
Models in Patient-Physician Relationship
Physician-Physician Relationship
Responsibility of Physician
Confidentiality
Privacy in Health Care
Patients Rights
Truth-telling
Right to Refuse Treatment
Informed Consent
Turkish Medical Law
Convention of Bioethics
(Council of Europe)

PHASE I

MDM 151 GENERAL HISTOLOGY & EMBRYOLOGY

Histology of Lining Epithelium
Histology of Glandular Epithelium
Histology of Connective Tissue
Histology of Cartilage
Histology of Bone
Histology of Muscle Tissue
Histology of Nervous Tissue
Fertilization
Week I: Blastulation
Week II: Bilaminar Embryo to Implantation
Week III; Gastrulation
Week III; Neurulation
Organogenesis and Fetal Period
Extraembryoner Structures
Congenital Malformations

Practical:

Epithel Tissue
Connective Tissue
Cartilage & Bone
Muscle Tissue
Nervous Tissue

MD 141 PROFESSIONAL SKILLS I

Theoretical:

Introduction to professional skills
Sterilization techniques and their precausions
Hand washing and wearing steril gloves
Assessment of vital signs 1,2
Nasogastric insertion

Practical:

Hand washing/wearing steril gloves
Vital signs
Nasogastric insertion

Contact

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