

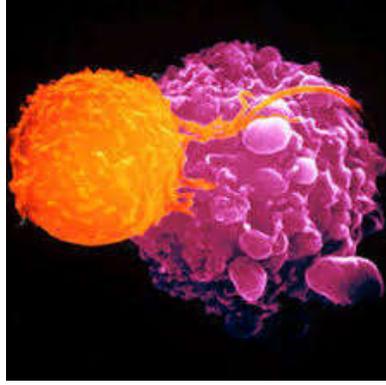
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Tıp Fakültesi

**MARMARA UNIVERSITY
EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**DEVELOPMENT AND ORGANIZATION OF HUMAN BODY
YEAR 1 COURSE 3
January 23th, 2023 – April 6th, 2023**

Year 1 Coordinators

Prof. Mustafa AKKİPRİK & Prof. Dilek AKAKIN & Assoc. Prof. Ergül MUTLU ALTUNDAĞ

PBL Module Coordinator

Prof. Rezzan Gülhan
Assoc. Prof. Nilüfer GÜZOĞLU

Coordinator of Multidisciplinary Students' Lab.

Prof. Betül YILMAZ
Assoc. Prof. Ergül MUTLU ALTUNDAĞ

Coordinator of Clinical Skill Lab.

Prof. Pemra ÜNALAN
Assist. Prof. Bülent SEZGİN

Coordinator of ICS Res. Lab.

Prof. Pemra ÜNALAN
Assist. Prof. İlke AKÇAY

Vice-Chief Coordinators

Assessment

Assist. Prof. Cevdet NACAR
Assist. Prof. Halil Eren SAKALLI

Student Affairs

Assist. Prof. Can ERZİK
Inst. Ayşen ŞEKERİM

Chief Coordinator

Prof. Hasan R. YANANLI
Assist. Prof. Masoud AFSHANI

**Coordinator of Medical Education Program
Evaluation and Development Commission**

Prof. Harika ALPAY

Coordinator of the Joint Program

Prof. Süleyman Ümit ŞEHİRLİ

Dean (EMU)

Prof. Nahide GÖKÇORA

Dean (MU)

Prof. Süleyman Ümit ŞEHİRLİ

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LEARNING OUTCOMES / COMPETENCIES

- A. Clinical Care: Qualified patient care and community oriented health care**
1. Basic clinical skills
 2. The organization and management of the patient and the patient care
 3. The organization and the management of health care delivery services / system
 4. Health promotion and disease prevention
- B. Medical Knowledge and Evidence-Based Medicine**
5. Appropriate information retrieval and management skills
 6. The integration of knowledge, critical thinking and evidence-based decision making
 7. Scientific methods and basic research skills
- C. Professional Attitudes and Values**
8. Communication skills and effective communication with patients / patient relatives
 9. Interpersonal relationships and team working
 10. Ethical and professional values, responsibilities
 11. Individual, social and cultural values and responsibilities
 12. Reflective practice and continuing development
 13. Healthcare delivery systems, management and community oriented healthcare
 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

1. Understanding the normal structures and functions of human body
2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
4. Gaining basic clinical skills by applications in simulated settings.
5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course : Growth, Development, Mental and Endocrine Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

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DEVELOPMENT AND ORGANIZATION OF HUMAN BODY	
AIM and LEARNING OBJECTIVES of COURSE	
Aim: At the end of this course, first year students will acquire knowledge about the development, organization and function of different tissues to form organs. During this course students will also gain knowledge about the basic properties of microbiological universe and defense mechanism of the body.	
Learning Objectives: At the end of this committee, students will,	
<ul style="list-style-type: none">• define the structural elements of the tissues• be able to identify the different tissues regarding their structures, organization and functioning• acquire knowledge concerning the development and differentiation process of the organs• understand the classification and the basic properties of various microorganisms, and basic genetics of the bacteria• acquire skills necessary to perform experimental applications	
ASSESSMENT SYSTEM	PROGRAM EVALUATION
Module examination: Written exam at the end of module (10 % of final score)	Evaluation at the end of the course, is done both orally and by using structured evaluation forms
Practical examination: Practical exams at the end of course	
Course examination: Written exam at the end of course	
DEPARTMENTS PARTICIPATING IN COURSE-1.3 & MODULE-1.3	
<ul style="list-style-type: none">• Anatomy• Biochemistry• Biostatistics• Histology and Embryology• Immunology	<ul style="list-style-type: none">• Medical Biology• Microbiology• Physiology• Biophysics• Medical Genetics
LECTURERS / TUTORS	
Ahmet İter Güney, Prof., Medical Genetics Alper Yıldırım, Assoc. Prof., Physiology Aslı Gönenç, Inst., Medical English Ayşe Kozansoy, Inst., Medical English Berfu Çerçi Öngün, Dr. Inst., Anatomy Can Erzik, Assist. Prof., Medical Biology Cemal Gürkan, Inst., Dr., Forensic Sciences Deren Çeker, Inst., Dr., Medical Anthropology Dilek Akakin, Prof., Histology and Embryology Emine Özerinç, Inst., Turkish Language Ergül Mutlu Altundağ, Assoc., Prof., Medical Biochemistry Feriha Ercan, Prof., Histology and Embryology Hızır Kurtel, Prof., Physiology Hülya Cabadak Prof., Biophysics	İlke Akçay, Assist. Prof., Biostatistics Masoud Afshani, Assist. Prof., Histology and Embryology Mustafa Batıbeniz, Inst., Arts and Crafts Mümtaz Güran, Assoc Prof., Microbiology Önder Şirikçi Prof., Biochemistry Özgür Kasımay, Prof., Physiology Özlem Kirazlı, Assist. Prof., Anatomy Özlem Tuğçe Kaya, Assoc. Prof., Histology and Embryology Pınar Ata, Prof., Medical Genetics Saim Batirel, Assoc. Prof., Medical Biochemistry Serap Şirvancı, Prof., Histology and Embryology Şerife Ç. Sökmez, Inst., Turkish Language Şule Çetinel, Prof., Histology and Embryology Tunç Akkoç, Prof., Immunology Ural Verimli, Assist. Prof., Anatomy
READING / STUDYING MATERIALS	
<ul style="list-style-type: none">• Biochemistry; Stryer, 4th ed., Freeman• Biochemistry; Zubay, 3rd ed., WCB• Clinical Anatomy for Medical Students; Richard S. Snell• Clinically Oriented Anatomy; Keith L. Moore, Arthur F. Dalley• Color Textbook of Histology; Gartner & Hiatt, 3rd ed., Elsevier Health Sciences, 2004• Gray Anatomy; Çeviri Editörü: Prof. Dr. Mehmet YILDIRIM, Güneş Kitabevi, 2006• Gray's Anatomy for Students; Richard L. Drake, Henry Gray, Adam W.M. Mitchell	

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- Harper's Biochemistry; Murray, Granner, 23rd ed., Lange
- Histology A Text and Atlas; Michael H Ross, Michael R. Ross, Wojciech Pawlina, 5th ed. Lippincott Williams & Wilkins, 2006
- Histoloji ve Hücre Biyolojisi; Abraham L.Kierzenbaum; Çeviri editorü: Ramazan Demir, Palme Yayıncılık - Ankara, 2006
- Human Histology; Alan Stevens, James Lowe, 3rd ed., Elsevier Health Sciences, 2004
- Introduction to Biostatistics for Health Sciences, Michael R. Chernick, Robert H. Friss, Willey Interscience, New Jersey, 2003
- Larsen's Human Embryology; Gary C. Schoenwolf, Philippa H. Francis-West, Philip R. Brauer, Steven B. Bleyl, 4th ed., Churchill Livingstone, 2008
- Lehninger's Principles of Biochemistry; Nelson, Cox, 3rd ed., Worth
- Medical Statistics at a Glance; Aviva Petrie, Caroline Sabin, Blackwell Science, London, 2003
- Molecular Biology of the Cell; Alberts et al., 3rd ed., Garland
- Practical Statistics for Medical Research; Douglas Altman, Chapman and Hall, London, 1995
- Principles of Physiology; Bern and Levy, 4th ed.
- Review Medical Microbiology; Ernest Jawetz et al.
- Review of Medical Microbiology; Patric R. Muray, Ken S. Rosenthal
- Temel Biyoistatistik; Mustafa Şenocak, Çağlayan Kitabevi, İstanbul, 1990
- Temel Histoloji; Junqueira LC, Carneiro J; Çeviri editörleri: Yener Aytekin, Seyhun Solakoğlu, Nobel Matbaacılık, 10th ed. 2003
- Textbook of Physiology; Guyton and Hall, 10th ed.
- The Cell: A Molecular Approach; Cooper, 2nd ed., ASM press
- The Developing Human; Keith L. Moore, TVN Persaud, 8th ed. Elsevier Health Sciences, 2007

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SUMMARY OF THE COURSE 1.3			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	5	3	8
Biochemistry	10		10
Biostatistics	12		12
Histology and Embryology	35	8	43
Immunology	2		2
Medical Biology	1		1
Microbiology	17	8	25
Physiology	12	1	13
Biophysics	1		1
Medical Genetics	2		2
Subtotal	97	20	117
PBL Module		8	8
ICS-1: Introduction to Student Research and Computer Skills		11	11
ENGL131 - Medical English	12		12
TFMS101 – Turkish for Medical Students-I (Foreign Students)	24		24
TFMS101 - Turkish for Medical Students-I (Interactive session)			
Elective Courses MDCN181, MDCN182, MDCN125	10		10
TOTAL	143	39	182

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		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	LECTURE PLATFORM
1st Week (23 -27 January 2023)				
Cyprus Local Time	Turkey Local Time			
Monday		23 January		
08:40-09:30	09:40-10:30	Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Ç. Sökmez	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		24 January		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Introduction to the course	Dr. Ergül Mutlu Altundağ	IN CLASS
10:40-11:30	11:40-12:30	Opening lecture: Homeostasis among organ systems: Cross-talking	Dr. Ergül Mutlu Altundağ	IN CLASS
11:40-12:30	12:40-13:30	History and development of microbiology	Dr. Mümtaz Güran	IN CLASS
13:40-14:30	14:40-15:30	Classification and structure of prokaryotic and eukaryotic organisms	Dr. Mümtaz Güran	IN CLASS
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		25 January		
08:40-09:30	09:40-10:30	STUDY TIME		

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09:40-10:30	10:40-11:30	Classification and general properties of medically important protozoa	Dr. Mümtaz Güran	IN CLASS
10:40-11:30	11:40-12:30	Review of statistical inference table and introduction to nonparametric methods	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	Sign test, Mann-Whitney U test, Wilcoxon test (paired sample)	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Epithelial tissue	Dr. Masoud Afshani	IN CLASS
14:40-15:30	15:40-16:30	Epithelial tissue	Dr. Masoud Afshani	IN CLASS
15:40-16:30	16:40-17:30	Glandular tissue	Dr. Masoud Afshani	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		26 January		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Classification and structure of helminths	Dr. Mümtaz Güran	IN CLASS
10:40-11:30	11:40-12:30	Histology of supporting tissue: Connective tissue	Dr. Masoud Afshani	IN CLASS
11:40-12:30	12:40-13:30	Histology of supporting tissue: Connective tissue	Dr. Masoud Afshani	IN CLASS
13:40-14:30	14:40-15:30	Chi-square test of independence	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	Chi-square test of homogeneity	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		27 January		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Introduction to musculoskeletal system	Dr. Özlem Kirazlı	IN CLASS
10:40-11:30	11:40-12:30	Anatomy of the organs related to digestive system	Dr. Özlem Kirazlı	IN CLASS
11:40-12:30	12:40-13:30	Introduction to urogenital system	Dr. Özlem Kirazlı	IN CLASS
13:40-14:30	14:40-15:30	Anatomy LAB: Anatomy of Digestive System-Group A	Dr. Özlem Kirazlı Dr. Berfu Çerçi Öngün	Anatomy Lab

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			Inst. Hatice Efehan	
14:40-15:30	15:40-16:30	Anatomy LAB: Anatomy of Digestive System-Group B	Dr. Özlem Kirazlı Dr. Berfu Çerçi Öngün Inst. Hatice Efehan	Anatomy Lab
15:40-16:30	16:40-17:30	Anatomy LAB: Anatomy of Urogenital System-Group A	Dr. Özlem Kirazlı Dr. Berfu Çerçi Öngün Inst. Hatice Efehan	Anatomy Lab
16:40-17:30	17:40-18:30	Anatomy LAB: Anatomy of Urogenital System-Group B	Dr. Özlem Kirazlı Dr. Berfu Çerçi Öngün Inst. Hatice Efehan	Anatomy Lab
2nd Week (27 February -03 March 2023)				
Cyprus Local Time	Turkey Local Time			
Monday		27 February		
08:40-09:30	09:40-10:30	Turkish for Medical Students-II (Foreign Students)	Inst. Şerife Ç. Sökmez	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Basic structure of bacterial cell and classification of bacteria	Dr. Mümtaz Güran	IN CLASS
16:40-17:30	17:40-18:30	Basic structure of bacterial cell and classification of bacteria	Dr. Mümtaz Güran	IN CLASS
Tuesday		28 February		
08:40-09:30	09:40-10:30	Biochemistry of connective tissue	Dr. Saime Batirel	MS TEAMS
09:40-10:30	10:40-11:30	Biochemistry of connective tissue	Dr. Saime Batirel	MS TEAMS
10:40-11:30	11:40-12:30	Biochemistry of adipose tissue	Dr. Saime Batirel	MS TEAMS
11:40-12:30	12:40-13:30	Biochemistry of adipose tissue	Dr. Saime Batirel	MS TEAMS
13:40-14:30	14:40-15:30	Introduction to cardiovascular system	Dr. Ural Verimli	MS TEAMS
14:40-15:30	15:40-16:30	Introduction to respiratory system	Dr. Ural Verimli	MS TEAMS

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15:40-16:30	16:40-17:30	Developmental genetics	Dr. Ahmet İter Güney	MS TEAMS
16:40-17:30	17:40-18:30	Embryonic induction	Dr. Özlem Tuğçe Kaya	MS TEAMS
Wednesday		01 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran	IN CLASS
11:40-12:30	12:40-13:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran	IN CLASS
13:40-14:30	14:40-15:30	Introduction to embryology: Oogenesis	Dr. Masoud Afshani	IN CLASS
14:40-15:30	15:40-16:30	Introduction to embryology: Oogenesis	Dr. Masoud Afshani	IN CLASS
15:40-16:30	16:40-17:30	Introduction to embryology: Spermatogenesis	Dr. Masoud Afshani	IN CLASS
16:40-17:30	17:40-18:30	Introduction to embryology: Spermatogenesis	Dr. Masoud Afshani	IN CLASS
Thursday		02 March		
08:40-09:30	09:40-10:30	Specialized connective tissues: Adipose tissue and blood	Dr. Feriha Ercan	MS TEAMS
09:40-10:30	10:40-11:30	Specialized connective tissues: Cartilage and bone	Dr. Feriha Ercan	MS TEAMS
10:40-11:30	11:40-12:30	Skeletal muscle	Dr. Dilek Akakın	MS TEAMS
11:40-12:30	12:40-13:30	Cardiac muscle	Dr. Dilek Akakın	MS TEAMS
13:40-14:30	14:40-15:30	Bacterial genetics and bacteriophages	Dr. Mümtaz Güran	IN CLASS
14:40-15:30	15:40-16:30	Bacterial genetics and bacteriophages	Dr. Mümtaz Güran	IN CLASS
15:40-16:30	16:40-17:30	Fertilization and implantation	Dr. Masoud Afshani	IN CLASS
16:40-17:30	17:40-18:30	Fertilization and implantation	Dr. Masoud Afshani	IN CLASS
Friday		03 March		
08:40-09:30	09:40-10:30	Formation of bilaminar embryo	Dr. Feriha Ercan	MS TEAMS
09:40-10:30	10:40-11:30	Formation of trilaminar embryo	Dr. Feriha Ercan	MS TEAMS
10:40-11:30	11:40-12:30	Formation of trilaminar embryo	Dr. Feriha Ercan	MS TEAMS

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11:40-12:30	12:40-13:30	Growth of bacteria	Dr. Mümtaz Güran	IN CLASS
13:40-14:30	14:40-15:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope A	Dr. Mümtaz Güran	Multidis. Lab
14:40-15:30	15:40-16:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope A	Dr. Mümtaz Güran	Multidis. Lab
15:40-16:30	16:40-17:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope B	Dr. Mümtaz Güran	Multidis. Lab
16:40-17:30	17:40-18:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope B	Dr. Mümtaz Güran	Multidis. Lab
3rd Week (06-10 March 2023)				
Cyprus Local Time	Turkey Local Time			
Monday		06 March		
08:40-09:30	09:40-10:30	Turkish for Medical Students-II (Foreign Students)	Inst. Şerife Ç. Sökmez	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		07 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Introduction to immunology	Dr. Tunç Akkoç	MS TEAMS
10:40-11:30	11:40-12:30	Cells and organs involved in immune responses	Dr. Tunç Akkoç	MS TEAMS
11:40-12:30	12:40-13:30	Genomic organization and rearrangement of immunoglobulin genes	Dr. Can Erzik	MS TEAMS
13:40-14:30	14:40-15:30	Smooth muscle contraction	Dr. Hülya Cabadak	MS TEAMS

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14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	Histology of lung, heart and vessels	Dr. Özlem Tuğçe Kaya	MS TEAMS
16:40-17:30	17:40-18:30	Histology of lung, heart and vessels	Dr. Özlem Tuğçe Kaya	MS TEAMS
Wednesday		08 March		
08:40-09:30	09:40-10:30	Histology of gastrointestinal system	Dr. Özlem Tuğçe Kaya	MS TEAMS
09:40-10:30	10:40-11:30	Histology of gastrointestinal system	Dr. Özlem Tuğçe Kaya	MS TEAMS
10:40-11:30	11:40-12:30	Histology of spleen, thymus and lymph nodes	Dr. Özlem Tuğçe Kaya	MS TEAMS
11:40-12:30	12:40-13:30	Histology of spleen, thymus and lymph nodes	Dr. Özlem Tuğçe Kaya	MS TEAMS
13:40-14:30	14:40-15:30	Bacterial metabolism	Dr. Mümtaz Güran	IN CLASS
14:40-15:30	15:40-16:30	PBL-1	Dr. Nilüfer Güzoğlu Dr. Ergül Altundağ Dr. Masoud Afshani Dr. Amber Eker Dr. Eda Becer	IN CLASS
15:40-16:30	16:40-17:30	PBL-1		
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		09 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	The fate of substance in the body	Dr. Ergül Altundağ	IN CLASS
10:40-11:30	11:40-12:30	Histology of urogenital system	Dr. Masoud Afshani	IN CLASS
11:40-12:30	12:40-13:30	Histology of urogenital system	Dr. Masoud Afshani	IN CLASS
13:40-14:30	14:40-15:30	Microbiology LAB: Bacterial growth and cultivation technique I (A)	Dr. Mümtaz Güran	Multidis. Lab
14:40-15:30	15:40-16:30	Microbiology LAB: Bacterial growth and cultivation technique I (A)	Dr. Mümtaz Güran	Multidis. Lab
15:40-16:30	16:40-17:30	Microbiology LAB: Bacterial growth and cultivation technique I (B)	Dr. Mümtaz Güran	Multidis. Lab
		TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özerinç	IN CLASS
16:40-17:30	17:40-18:30	Microbiology LAB: Bacterial growth and cultivation technique I (B)	Dr. Mümtaz Güran	Multidis. Lab
		TFMS102 - Turkish for Medical Students-II	Inst. Emine Özerinç	IN CLASS

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		(Interactive session)		
Friday		10 March		
08:40-09:30	09:40-10:30	Smooth muscle	Dr. Dilek Akakin	MS TEAMS
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	Classification and general properties of medically important fungi	Dr. Mümtaz Güran	IN CLASS
11:40-12:30	12:40-13:30	Classification and general properties of medically important fungi	Dr. Mümtaz Güran	IN CLASS
13:40-14:30	14:40-15:30	Microbiology LAB: Bacterial growth and cultivation technique II (A)	Dr. Mümtaz Güran	Multidis. Lab
		TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özeriç	IN CLASS
14:40-15:30	15:40-16:30	Microbiology LAB: Bacterial growth and cultivation technique II (A)	Dr. Mümtaz Güran	Multidis. Lab
		TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özeriç	IN CLASS
15:40-16:30	16:40-17:30	Microbiology LAB: Bacterial growth and cultivation technique II (B)	Dr. Mümtaz Güran	Multidis. Lab
16:40-17:30	17:40-18:30	Microbiology LAB: Bacterial growth and cultivation technique II (B)	Dr. Mümtaz Güran	Multidis. Lab
4th Week (13-17 March 2023)				
Cyprus Local Time	Turkey Local Time			
Monday		13 March		
08:40-09:30	09:40-10:30	Turkish for Medical Students-II (Foreign Students)	Inst. Şerife Ç. Sökmez	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	MEDICAL ENGLISH EXAM	Inst. Aslı Gönenç	IN CLASS
14:40-15:30	15:40-16:30		Inst. Ayşe Kozansoy	

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15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst.Mustafa Batibeniz Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		14 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	Formation of basic organ systems	Dr. Şule Çetinel	MS TEAMS
11:40-12:30	12:40-13:30	Formation of basic organ systems	Dr. Şule Çetinel	MS TEAMS
13:40-14:30	14:40-15:30	Biochemical aspect of immunoglobulins	Dr. Önder Şirikçi	MS TEAMS
14:40-15:30	15:40-16:30	Biochemical aspect of immunoglobulins	Dr. Önder Şirikçi	MS TEAMS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		15 March		
08:40-09:30	09:40-10:30	Congenital malformations	Dr. Şule Çetinel	MS TEAMS
09:40-10:30	10:40-11:30	Congenital malformations	Dr. Şule Çetinel	MS TEAMS
10:40-11:30	11:40-12:30	Extraembryonic membranes	Dr. Serap Şirvancı	MS TEAMS
11:40-12:30	12:40-13:30	Extraembryonic membranes	Dr. Serap Şirvancı	MS TEAMS
13:40-14:30	14:40-15:30	Physiology of body defense system	Dr. Hızır Kurtel	MS TEAMS
14:40-15:30	15:40-16:30	Physiology of body defense system	Dr. Hızır Kurtel	MS TEAMS
15:40-16:30	16:40-17:30	PBL-2	Dr. Nilüfer Güzoğlu Dr. Ergül Altundağ Dr. Masoud Afshani Dr. Amber Eker Dr. Eda Becer	MS TEAMS
16:40-17:30	17:40-18:30	PBL-2		
Thursday		16 March		
08:40-09:30	09:40-10:30	Histology LAB: Epithelial tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
09:40-10:30	10:40-11:30	Histology LAB: Epithelial tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
10:40-11:30	11:40-12:30	Histology LAB: Epithelial tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab

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		TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	12:40-13:30	Histology LAB: Epithelial tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab
		TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Principles of sterilization and disinfection	Dr. Mümtaz Güran	IN CLASS
14:40-15:30	15:40-16:30	Principles of sterilization and disinfection	Dr. Mümtaz Güran	IN CLASS
15:40-16:30	16:40-17:30	Application of bacterial genetics in industry and microbiology	Dr. Mümtaz Güran	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		17 March		
08:40-09:30	09:40-10:30	ICS-1 Research: Planning of data gathering	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 Research: Review of questionnaires and Material and Methods sections	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 Research: Review of questionnaires and Material and Methods sections	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 Research: Types of variables, graphics and tables for different variable types	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	ICS-1 Research: Excel practicum – tables and functions	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 Research: Excel practicum – graphics/charts	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 Research: Assigning variable types to questionnaire items	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 Research: Designing tables and graphics	Dr. İlke Akçay	IN CLASS
		5th Week (20-24 March 2023)		
Cyprus Local Time	Turkey Local Time			
Monday		20 March		

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08:40-09:30	09:40-10:30	Turkish for Medical Students-II (Foreign Students)	Inst. Şerife Ç. Sökmez	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		21 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Physiological properties of the skeletal muscle	Dr. Alper Yıldırım	IN CLASS
10:40-11:30	11:40-12:30	Physiological properties of the smooth muscle	Dr. Alper Yıldırım	IN CLASS
11:40-12:30	12:40-13:30	Functional structures of the heart and peripheral circulation	Dr. Alper Yıldırım	IN CLASS
13:40-14:30	14:40-15:30	Functions of the respiratory system	Dr. Alper Yıldırım	IN CLASS
14:40-15:30	15:40-16:30	Functional structures of the digestive system	Dr. Alper Yıldırım	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		22 March		
08:40-09:30	09:40-10:30	Normal distribution and composition of body fluids	Dr. Özgür Kasımay Çakır	IN CLASS
09:40-10:30	10:40-11:30	Regulation of pH	Dr. Özgür Kasımay Çakır	IN CLASS
10:40-11:30	11:40-12:30	Physiology LAB: Muscle physiology (Group A)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
		TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özeriç	IN CLASS

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11:40-12:30	12:40-13:30	Physiology LAB: Muscle physiology (Group B)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
		TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Physiology LAB: Muscle physiology (Group C)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
14:40-15:30	15:40-16:30	Physiology LAB: Muscle physiology (Group D)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
15:40-16:30	16:40-17:30	Physiology LAB: Muscle physiology (Group E)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
16:40-17:30	17:40-18:30	Physiology LAB: Muscle physiology (Group F)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
Thursday		23 March		
08:40-09:30	09:40-10:30	General principles of renal physiology	Dr. Özgür Kasımay Çakır	IN CLASS
09:40-10:30	10:40-11:30	General principles of renal physiology	Dr. Özgür Kasımay Çakır	IN CLASS
10:40-11:30	11:40-12:30	Comparing risk-relative risk and Odds ratio	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	Some basic concepts for diagnosis tests	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Anatomy LAB: Anatomy of respiratory and circulatory system-Group A	Dr. Berfu Çerçi Öngün Inst. Hatice Efekan	Anatomy Lab
14:40-15:30	15:40-16:30	Anatomy LAB: Anatomy of respiratory and circulatory system-Group B		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		24 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		

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10:40-11:30	11:40-12:30	TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	12:40-13:30	TFMS102 - Turkish for Medical Students-II (Interactive session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	Correlation	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	Simple Regression	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		

6 th Week (27-31 March 2023)				
Monday	27 March			
08:40-09:30	Turkish for Medical Students-II (Foreign Students)		Inst. Şerife Ç. Sökmez	IN CLASS
09:40-10:30				
10:40-11:30				
11:40-12:30				
13:40-14:30	Medical English (Gr 1 & Gr 2)		Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30				
15:40-16:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)		Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30				
Tuesday	28 March			
08:40-09:30	PBL-3		Dr. Nilüfer Güzoğlu Dr. Ergül Altundağ Dr. Masoud Afshani Dr. Amber Eker Dr. Eda Becer	IN CLASS
09:40-10:30	PBL-3			
10:40-11:30	Statistical packages		Dr. İlke Akçay	IN CLASS
11:40-12:30	Interpretation of computer outputs		Dr. İlke Akçay	IN CLASS

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13:40-14:30	Genomic organization of HLA system	Dr. Pınar Ata	MS TEAMS
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	Fetal period	Dr. Masoud Afshani	MS TEAMS
Wednesday	29 March		
08:40-09:30	Histology LAB: Connective tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
09:40-10:30	Histology LAB: Connective tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
10:40-11:30	Histology LAB: Specialized connective tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
11:40-12:30	Histology LAB: Specialized connective tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
13:40-14:30	Histology LAB: Connective tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab
14:40-15:30	Histology LAB: Connective tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab
15:40-16:30	Histology LAB: Specialized connective tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab
16:40-17:30	Histology LAB: Specialized connective tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab
17:40-18:30	Composition and function of blood	Dr. Özgür Kasımay	MS TEAMS
Thursday	30 March		
08:40-09:30	Histology LAB: Muscle tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab
09:40-10:30	Histology LAB: Muscle tissue (Grup B)	Dr. Masoud Afshani	Multidis. Lab
10:40-11:30	Histology LAB: Muscle tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
11:40-12:30	Histology LAB: Muscle tissue (Grup A)	Dr. Masoud Afshani	Multidis. Lab
13:40-14:30	PBL-4	Dr. Nilüfer Güzoğlu Dr. Ergül Altundağ Dr. Masoud Afshani	IN CLASS
14:40-15:30	PBL-4	Dr. Amber Eker Dr. Eda Becer	
15:40-16:30	Approach to evidence based medicine	Dr. İlke Akçay	IN CLASS
16:40-17:30	Systematic reviews and meta analyses	Dr. İlke Akçay	IN CLASS
Friday	31 March		
08:40-09:30	Biochemical aspect of cytokines	Dr. Ergül Mutlu	IN CLASS

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		Altundağ	
09:40-10:30	Biochemical aspect of cytokines	Dr. Ergül Mutlu Altundağ	IN CLASS
10:40-11:30	ICS-1 Research: Data input in SPSS (Gr1 & Gr2 & Gr3 & Gr4)	Dr. İlke Akçay	IN CLASS
11:40-12:30	ICS-1 Research: Practice – Data input in SPSS (Gr1 & Gr2 & Gr3 & Gr4)	Dr. İlke Akçay	IN CLASS
13:40-14:30	ICS-1 Research: Data input in SPSS (Gr5 & Gr6 & Gr7 & Gr8)	Dr. İlke Akçay	IN CLASS
14:40-15:30	ICS-1 Research: Practice – Data input in SPSS (Gr5 & Gr6 & Gr7 & Gr8)	Dr. İlke Akçay	IN CLASS
15:40-16:30	ICS-1 Research: Data input in SPSS (Gr9 & Gr10 & Gr11 & Gr12)	Dr. İlke Akçay	IN CLASS
16:40-17:30	ICS-1 Research: Practice – Data input in SPSS (Gr9 & Gr10 & Gr11 & Gr12)	Dr. İlke Akçay	IN CLASS
7th Week (03-07 April 2023)			
Monday	03 April		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	STUDY TIME		
11:40-12:30	STUDY TIME		
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Tuesday	04 April		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	STUDY TIME		

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11:40-12:30	STUDY TIME		
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Wednesday	05 April		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	STUDY TIME		
11:40-12:30	STUDY TIME		
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Thursday	06 April		
08:40-09:30	Y1C3 THEORETICAL EXAM		
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Committee Exam Feedback Session	Dr. Ergül Mutlu Altundağ Dr. Halil Eren sakallı	IN CLASS
14:40-15:30			
15:40-16:30			
16:40-17:30			

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Friday	07 April		
08:40-09:30			
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30			
14:40-15:30			
15:40-16:30			
16:40-17:30			