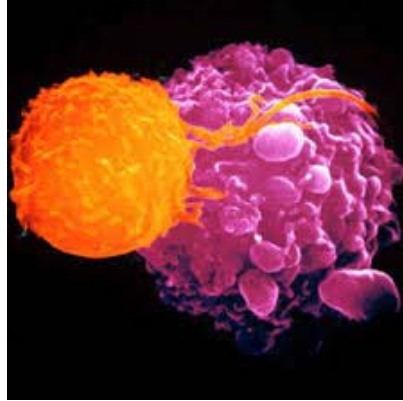




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN
UNIVERSITY INTERNATIONAL MEDICAL SCHOOL**



**DEVELOPMENT AND ORGANIZATION OF HUMAN BODY
YEAR 1 COURSE 3
January 24 – March 31, 2022**

Year 1 Coordinators

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

PBL Module Coordinator
Prof. Özlem SARIKAYA
Assist. Prof. Bülent SEZGİN

Coordinator of Multidisciplinary Students' Lab.
Prof. Betül YILMAZ
Assist. Prof. Ergül MUTLU ALTUNDAĞ

Coordinator of Clinical Skill Lab.
Prof. Pemra ÜNALAN
Assoc. Prof. Nilüfer GÜZOĞLU

Coordinator of ICS Res. Lab.
Prof. Pemra ÜNALAN
Assist. Prof. İlke AKÇAY

Vice-Chief Coordinators

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

Student Affairs
Asist. 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. Berrak Ç. YEĞEN

Educational Consultant

Prof. Mehmet Ali GÜLPINAR

Dean (EMU)
Prof. Nahide GÖKÇORA

Dean (MU)
Prof. Süleyman Ümit ŞEHİRLİ

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

DEVELOPMENT AND ORGANIZATION OF HUMAN BODY	
AIM and LEARNING OBJECTIVES of COURSE	
<p>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.</p> <p>Learning Objectives: At the end of this committee, first year students will,</p> <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) Practical examination: Practical exams at the end of course Course examination: Written exam at the end of course	Evaluation at the end of the course, is done both orally and by using structured evaluation forms
DEPARTMENTS PARTICIPATING IN COURSE-1.3 & MODULE 1.3	
<ul style="list-style-type: none"> • Anatomy • Biochemistry • Biophysics • Biostatistics • Histology & Embryology 	<ul style="list-style-type: none"> • Immunology • Medical Biology • Medical Genetics • Microbiology • Physiology
LECTURERS / TUTORS	
Alper YILDIRIM, Assoc. Prof., Physiology Ayşe KOZANSOY, Inst., Medical English Berfu Çerçi ÖNGÜN, Inst., Dr., Anatomy Can ERZİK, Inst, Dr., Medical Biology Cemal GÜRKAN, Inst., Dr., Forensic Sciences Deren ÇEKER, Inst., Dr., Medical Anthropology Dilek AKAKIN, Prof., Histology and Embryology Ergül MUTLU ALTUNDAĞ, Assist., Prof., Medical Biochemistry Ethem GELİR, Prof., Physiology Feriha ERCAN, Prof., Histology and Embryology Gizem ŞANLITÜRK, Inst., PBL Gülcem ALTINOĞLU, Inst. Dr., PBL Hatice EFEKAN, Inst., Anatomy Hızır KURTEL, Prof., Physiology Hülya CABADAK, Prof., Biophysics İlke AKÇAY, Assist. Prof., Biostatistics İlter GÜNEY, Assoc. Prof., Medical Genetics Katriye KOMİLİ, Inst., PBL Maryam NOROUZBAHARI, Inst. Dr., PBL Masoud AFSHANI, Assist. Prof., Histology and Embryology Mete ÖZKOÇ, Inst. Dr., PBL Mümtaz GÜRAN, Assoc. Prof., Microbiology	Nazan DOĞRUER, Inst., Dr., Medical English Necmettin Ömer ÖZDOĞMUŞ, Assoc. Prof., Anatomy Nilüfer GÜZOĞLU, Assoc. Prof., Neonatology Nurtane KARAGİL, Inst., Arts and Crafts Önder ŞİRİKÇİ, Prof., Medical Biochemistry Özgür KASIMAY ÇAKIR, Prof., Physiology Özlem Tuğçe KAYA, Assist. Prof., Histology and Embryology Özlem KIRAZLI, Assist. Prof, Anatomy Pinar ATA, Prof., Medical Genetics Saime BATIREL, Assoc. Prof., Medical Biochemistry Serap ŞİRVANCI, Prof., Histology and Embryology Şerife Ç. SÖKMEZ, Instructor, Turkish Language Şule ÇETİNEL, Prof., Histology and Embryology Tunç AKKOÇ, Prof., Immunology Ural VERİMLİ, 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
- 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 Aytakin, 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

SUMMARY OF THE COURSE 1.3			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	5	3	8
Biochemistry	11		11
Biostatistics	12		12
Histology and Embryology	35	8	43
Immunology	2		2
Medical Biology	1		1
Microbiology	17	6	23
Physiology	12	1	13
Biophysics	1		1
Medical Genetics	2		2
Subtotal	98	18	116
PBL Module	8		8
ICS-1: Communication Skills	1		1
ICS-1: Computer & Student Research Activity	2	9	11
Medical English	14		14
Elective	8		8
TFMS102 – Turkish for Medical Students-II (Foreign Students)	28		28
TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	16		16
TOTAL	175	27	202

		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	LECTURE PLATFORM
1st Week (24 January – 28 January 2022)				
Cyprus local time	Turkey local time			
Monday		24 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)	Dr. Nazan Doğruer 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. Nurtane Karagil Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		25 January		
08:40-09:30	09:40-10:30	Introduction to the course	Dr. Ergül Mutlu Altundağ	IN CLASS
09:40-10:30	10:40-11:30	Opening lecture: Homeostasis among organ systems: Cross-talking	Dr. Ergül Mutlu Altundağ	IN CLASS
10:40-11:30	11:40-12:30	History and development of microbiology	Dr. Mümtaz Güran	IN CLASS
12:40-13:30	13:40-14:30	Classification and structure of prokaryotic and eukaryotic organisms	Dr. Mümtaz Güran	IN CLASS
13:40-14:30	14:40-15:30	Introduction to cardiovascular system	Dr. Necmettin Ömer Özdoğan	UZEM
14:40-15:30	15:40-16:30	Epithelial tissue	Dr. Masoud Afshani	MS TEAMS
15:40-16:30	16:40-17:30	Epithelial tissue	Dr. Masoud Afshani	MS TEAMS
Wednesday		26 January		
08:40-09:30	09:40-10:30	Review of statistical inference table and introduction to nonparametric methods	Dr. İlke Akçay	IN CLASS

09:40-10:30	10:40-11:30	Sign test, Mann-Whitney U test, Wilcoxon test (paired sample)	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	Classification and general properties of medically important protozoa	Dr. Mümtaz Güran	IN CLASS
11:40-12:30	12:40-13:30	Classification and structure of helminths	Dr. Mümtaz Güran	IN CLASS
13:40-14:30	14:40-15:30	Glandular tissue	Dr. Masoud Afshani	MS TEAMS
14:40-15:30	15:40-16:30	Histology of supporting tissue: Connective tissue	Dr. Masoud Afshani	MS TEAMS
15:40-16:30	16:40-17:30	Histology of supporting tissue: Connective tissue	Dr. Masoud Afshani	MS TEAMS
Thursday		27 January		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Specialized connective tissues: Adipose tissue and blood	Dr. Feriha Ercan	UZEM
10:40-11:30	11:40-12:30	Specialized connective tissues: Cartilage and bone	Dr. Feriha Ercan	UZEM
12:40-13:30	13:40-14:30	Chi-square test of independence	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Chi-square test of homogeneity	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
Friday		28 January		
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	STUDY TIME		
12:40-13:30	13:40-14:30	Comparing risk-relative risk and Odds ratio	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Some basic concepts for diagnosis tests	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		

2nd Week (14 February - 18 February 2022)				
Cyprus local time	Turkey local time			
Monday		14 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)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
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
Tuesday		15 February		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Biochemistry of adipose tissue	Dr. Saime Batirel	UZEM
10:40-11:30	11:40-12:30	Biochemistry of adipose tissue	Dr. Saime Batirel	UZEM
12:40-13:30	13:40-14:30	Correlation	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Simple regression	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	Introduction to musculoskeletal system	Dr. Özlem Kirazlı	UZEM
15:40-16:30	16:40-17:30	Introduction to embryology: Ooogenesis	Dr. Masoud Afshani	IN CLASS
16:40-17:30	17:40-18:30	Introduction to embryology: Ooogenesis	Dr. Masoud Afshani	IN CLASS
Wednesday		16 February		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Basic structure of bacterial cell and classification of bacteria	Dr. Mümtaz Güran	IN CLASS

10:40-11:30	11:40-12:30	Basic structure of bacterial cell and classification of bacteria	Dr. Mümtaz Güran	IN CLASS
12:40-13:30	13:40-14:30	Skeletal muscle	Dr. Dilek Akakın	UZEM
13:40-14:30	14:40-15:30	Fertilization and implantation	Dr. Masoud Afshani	IN CLASS
14:40-15:30	15:40-16:30	Fertilization and implantation	Dr. Masoud Afshani	IN CLASS
15:40-16:30	16:40-17:30	Formation of bilaminar embryo	Dr. Feriha Ercan	UZEM
Thursday		17 February		
08:40-09:30	09:40-10:30	STUDY TIME		
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 connective tissue	Dr. Saime Batirel	MS TEAMS
12:40-13:30	13:40-14:30	STUDY TIME		
13:40-14:30	14:40-15:30	Growth of bacteria	Dr. Mümtaz Güran	IN CLASS
14:40-15:30	15:40-16:30	Bacterial metabolism	Dr. Mümtaz Güran	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		
Friday		18 February		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	ICS-1: Communication Skills Exam	Dr. Nilüfer Güzoğlu Dr. Amber Eker	IN CLASS
10:40-11:30	11:40-12:30	Cardiac muscle	Dr. Dilek Akakın	MS TEAMS
12:40-13:30	13:40-14:30	STUDY TIME		
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
3rd Week (21 February – 25 February 2022)				
Cyprus local time	Turkey local time			
Monday		21 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)	Dr. Nazan Doğruer 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. Nurtane Karagil Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		22 February		
08:40-09:30	09:40-10:30	Histology LAB: Epithelial tissue (Group A)	Dr. Masoud Afshani	IN CLASS
09:40-10:30	10:40-11:30	Histology LAB: Epithelial tissue (Group A)	Dr. Masoud Afshani	IN CLASS
10:40-11:30	11:40-12:30	Histology LAB: Epithelial tissue (Group B)	Dr. Masoud Afshani	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	12:40-13:30	Histology LAB: Epithelial tissue (Group B)	Dr. Masoud Afshani	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Histology LAB: Epithelial tissue (Group C)	Dr. Masoud Afshani	IN CLASS
14:40-15:30	15:40-16:30	Histology LAB: Epithelial tissue (Group C)	Dr. Masoud Afshani	IN CLASS
15:40-16:30	16:40-17:30	Anatomy LAB: Anatomy of respiratory and circulatory system- Group A	Dr. Berfu Ç. Öngün Inst. Hatice Efehan	IN CLASS
16:40-17:30	17:40-18:30	Anatomy LAB: Anatomy of respiratory and circulatory system- Group B	Dr. Berfu Ç. Öngün Inst. Hatice Efehan	IN CLASS
Wednesday		23 February		

08:40-09:30	09:40-10:30	Smooth muscle	Dr. Dilek Akakin	UZEM
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	ICS-1 Research: Planning of data gathering	Dr. İlke Akçay	IN CLASS
12:40-13:30	13:40-14:30	Histology of lung, heart and vessels	Dr. Özlem Tuğçe Kaya	UZEM
13:40-14:30	14:40-15:30	Histology of lung, heart and vessels	Dr. Özlem Tuğçe Kaya	UZEM
14:40-15:30	15:40-16:30	Formation of trilaminar embryo	Dr. Feriha Ercan	MS TEAMS
15:40-16:30	16:40-17:30	Formation of trilaminar embryo	Dr. Feriha Ercan	MS TEAMS
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		24 February		
08:40-09:30	09:40-10:30	Physiological properties of the skeletal muscle	Dr. Alper Yıldırım	UZEM
09:40-10:30	10:40-11:30	Physiological properties of the smooth muscle	Dr. Ethem Gelir	IN CLASS
10:40-11:30	11:40-12:30	Histology LAB: Connective tissue (Group A)	Dr. Masoud Afshani	IN CLASS
		ICS-1 Research: Review of questionnaires and Material and Methods sections (Gr1 & Gr2)	Dr. İlke Akçay	IN CLASS
11:40-12:30	13:40-14:30	Histology LAB: Connective tissue (Group A)	Dr. Masoud Afshani	IN CLASS
		ICS-1 Research: Review of questionnaires and Material and Methods sections (Gr3 & Gr4)	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Histology LAB: Connective tissue (Group B)	Dr. Masoud Afshani	IN CLASS
		ICS-1 Research: Review of questionnaires and Material and Methods sections (Gr5 & Gr6)	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	Histology LAB: Connective tissue (Group B)	Dr. Masoud Afshani	IN CLASS
		ICS-1 Research: Review of questionnaires and Material and Methods sections (Gr7 & Gr8)	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	Histology LAB: Connective tissue	Dr. Masoud Afshani	IN CLASS

		(Group C)		
		ICS-1 Research: Review of questionnaires and Material and Methods sections (Gr9 & Gr10)	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	Histology LAB: Connective tissue (Group C)	Dr. Masoud Afshani	IN CLASS
		ICS-1 Research: Review of questionnaires and Material and Methods sections (Gr11 & Gr12)	Dr. İlke Akçay	IN CLASS
Friday		25 February		
08:40-09:30	09:40-10:30	Formation of basic organ systems	Dr. Şule Çetinel	MS TEAMS
09:40-10:30	10:40-11:30	Formation of basic organ systems	Dr. Şule Çetinel	MS TEAMS
10:40-11:30	11:40-12:30	Introduction to urogenital system	Dr. Özlem Kirazlı	MS TEAMS
12:40-13:30	13:40-14:30	Statistical packages	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Interpretation of computer outputs	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	Anatomy LAB: Anatomy of Digestive System-Group A	Dr. Berfu Ç. Öngün Inst. Hatice Efehan	IN CLASS
15:40-16:30	16:40-17:30	Anatomy LAB: Anatomy of Digestive System-Group B	Dr. Berfu Ç. Öngün Inst. Hatice Efehan	IN CLASS
4th Week (28 February – 04 March 2022)				
Cyprus local time	Turkey local time			
Monday		28 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)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		

Tuesday		01 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran	IN CLASS
10:40-11:30	11:40-12:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran	IN CLASS
12:40-13:30	13:40-14:30	Smooth muscle contraction	Dr. Hülya Cabadak	MS TEAMS
13:40-14:30	14:40-15:30	Extraembryonic membranes	Dr. Serap Şirvancı	MS TEAMS
14:40-15:30	15:40-16:30	Extraembryonic membranes	Dr. Serap Şirvancı	MS TEAMS
15:40-16:30	16:40-17:30	Anatomy LAB: Anatomy of Urogenital System-Group A	Dr. Berfu Ç. Öngün Inst. Hatice Efehan	IN CLASS
16:40-17:30	17:40-18:30	Anatomy LAB: Anatomy of Urogenital System-Group B	Dr. Berfu Ç. Öngün Inst. Hatice Efehan	IN CLASS
Wednesday		02 March		
08:40-09:30	09:40-10:30	ICS-1 Research: Types of variables, graphics and tables for different variable types	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 Research: Excel practicum – tables and functions	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 Research: Excel practicum – graphics/charts	Dr. İlke Akçay	IN CLASS
12:40-13:30	13:40-14:30	Bacterial genetics and bacteriophages	Dr. Mümtaz Güran	IN CLASS
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	ICS-1 Research: Assigning variable types to questionnaire items	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 Research: Designing tables and graphics	Dr. İlke Akçay	IN CLASS
Thursday		03 March		
08:40-09:30	09:40-10:30	STUDY TIME		

09:40-10:30	10:40-11:30	PBL-1	Dr. Nilüfer Güzoğlu Dr. Masoud Afshani Dr. Maryam Norouzbahari	MS TEAMS
10:40-11:30	11:40-12:30	PBL-1	Dr. Gülcem Altınoğlu Dr. Mete Özkoç Inst. Gizem Şanlıtürk Inst. Katriye Komili	
12:40-13:30	13:40-14:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope A	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	IN CLASS
14:40-15:30	15:40-16:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope B	Dr. Mümtaz Güran	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
15:40-16:30	16:40-17:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope B	Dr. Mümtaz Güran	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
16:40-17:30	17:40-18:30	Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
Friday		04 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Approach to evidence-based medicine	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	Systematic reviews and meta analyses	Dr. İlke Akçay	IN CLASS
12:40-13:30	13:40-14:30	Application of bacterial genetics in industry and microbiology	Dr. Mümtaz Güran	IN CLASS
13:40-17:30	14:40-18:30	ICS-1: CSL-2 Different routes of medication administration	Dr. Nilüfer Güzoğlu Dr. Ayşe Atasoylu Dr. Didem Rıfki Dr. Halil Eren Sakallı	ICS LAB

5th Week (07 March - 11 March 2022)				
Cyprus local time	Turkey local time			
Monday		07 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)	Dr. Nazan Doğruer 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. Nurtane Karagil Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		08 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	Histology LAB: Specialized connective tissue (Group A)	Dr. Masoud Afshani	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	12:40-13:30	Histology LAB: Specialized connective tissue (Group A)	Dr. Masoud Afshani	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Histology LAB: Specialized connective tissue (Group B)	Dr. Masoud Afshani	IN CLASS
14:40-15:30	15:40-16:30	Histology LAB: Specialized connective tissue (Group B)	Dr. Masoud Afshani	IN CLASS
15:40-16:30	16:40-17:30	Histology LAB: Specialized connective tissue (Group C)	Dr. Masoud Afshani	IN CLASS
16:40-17:30	17:40-18:30	Histology LAB: Specialized connective tissue (Group C)	Dr. Masoud Afshani	IN CLASS

Wednesday		09 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	Histology LAB: Muscle tissue (Group A)	Dr. Masoud Afshani	IN CLASS
11:40-12:30	11:40-12:30	Histology LAB: Muscle tissue (Group A)	Dr. Masoud Afshani	IN CLASS
12:40-13:30	13:40-14:30	Histology LAB: Muscle tissue (Group B)	Dr. Masoud Afshani	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Histology LAB: Muscle tissue (Group B)	Dr. Masoud Afshani	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	Histology LAB: Muscle tissue (Group C)	Dr. Masoud Afshani	IN CLASS
15:40-16:30	16:40-17:30	Histology LAB: Muscle tissue (Group C)	Dr. Masoud Afshani	IN CLASS
Thursday		10 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	PBL-2	Dr. Nilüfer Güzoğlu Dr. Masoud Afshani Dr. Maryam Norouzbahari Dr. Gülcem Altınoğlu Dr. Mete Özkoç Inst. Gizem Şanlıtürk Inst. Katriye Komili	IN CLASS
10:40-11:30	11:40-12:30	PBL-2		
12:40-13:30	13:40-14:30	Histology of spleen, thymus and lymph nodes	Dr. Özlem Tuğçe Kaya	MS TEAMS
13:40-14:30	14:40-15:30	Histology of spleen, thymus and lymph nodes	Dr. Özlem Tuğçe Kaya	MS TEAMS
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		
Friday		11 March		
08:40-09:30	09:40-10:30	ICS-1 Research: Data input in SPSS	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 Research: Data input in SPSS	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 Research: Practice - Data input in SPSS (Gr1 & Gr2)	Dr. İlke Akçay	IN CLASS
		ICS-1: CSL-2 Different routes of medication administration	Dr. Amber Eker Dr. Bülent Sezgin	ICS LAB
11:40-12:30	12:40-13:30	ICS-1 Research: Practice - Data input in SPSS (Gr3 & Gr4)	Dr. İlke Akçay	IN CLASS
		ICS-1: CSL-2 Different routes of medication administration	Dr. Amber Eker Dr. Bülent Sezgin	ICS LAB
13:40-14:30	14:40-15:30	ICS-1 Research: Practice - Data input in SPSS (Gr5 & Gr6)	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 Research: Practice - Data input in SPSS (Gr7 & Gr8)	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 Research: Practice - Data input in SPSS (Gr9 & Gr10)	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 Research: Practice - Data input in SPSS (Gr11 & Gr12)	Dr. İlke Akçay	IN CLASS
6th Week (14 March - 18March 2022)				
Cyprus local time	Turkey local time			
Monday		14 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)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses	Dr. Cemal Gürkan	IN CLASS

16:40-17:30	17:40-18:30	(MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Inst. Nurtane Karagil Inst. Deren Çeker	
Tuesday		15 March		
08:40-09:30	09:40-10:30	Functional structures of the heart and peripheral circulation	Dr. Alper Yıldırım	MS TEAMS
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	STUDY TIME		
12:40-13:30	13:40-14:30	Normal distribution and composition of body fluids	Dr. Ethem Gelir	IN CLASS
13:40-14:30	14:40-15:30	Fetal period	Dr. Masoud Afshani	IN CLASS
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	Anatomy of the organs related to digestive system	Dr. Ural Verimli	MS TEAMS
Wednesday		16 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Histology of urogenital system	Dr. Masoud Afshani	IN CLASS
10:40-11:30	11:40-12:30	Histology of urogenital system	Dr. Masoud Afshani	IN CLASS
12:40-13:30	13:40-14:30	Physiology of body defense system	Dr. Hızır Kurtel	IN CLASS
13:40-14:30	14:40-15:30	Physiology of body defense system	Dr. Hızır Kurtel	IN CLASS
14:40-15:30	15:40-16:30	Introduction to immunology	Dr. Tunç Akkoç	UZEM
15:40-16:30	16:40-17:30	Cells and organs involved in immune responses	Dr. Tunç Akkoç	UZEM
Thursday		17 March		
08:40-09:30	09:40-10:30	Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
09:40-10:30	10:40-11:30	Microbiology LAB: Bacterial growth and cultivation technique A	Dr. Mümtaz Güran	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
10:40-11:30	11:40-12:30	Microbiology LAB: Bacterial growth	Dr. Mümtaz Güran	IN CLASS

		and cultivation technique A		
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
12:40-13:30	13:40-14:30	Microbiology LAB: Bacterial growth and cultivation technique B	Dr. Mümtaz Güran	IN CLASS
13:40-14:30	14:40-15:30	Microbiology LAB: Bacterial growth and cultivation technique B	Dr. Mümtaz Güran	IN CLASS
14:40-15:30	15:40-16:30	Microbiology LAB: Bacterial growth and cultivation technique C	Dr. Mümtaz Güran	IN CLASS
15:40-16:30	16:40-17:30	Microbiology LAB: Bacterial growth and cultivation technique C	Dr. Mümtaz Güran	IN CLASS
Friday		18 March		
08:40-09:30	09:40-10:30	PBL-3	Dr. Nilüfer Güzoğlu Dr. Ergül Mutlu Altundağ Dr. Maryam Norouzbahari	IN CLASS
09:40-10:30	10:40-11:30	PBL-3	Dr. Gülcem Altınoğlu Dr. Mete Özkoç Inst. Gizem Şanlıtürk Inst. Katriye Komili	
10:40-11:30	11:40-12:30	Microbiology LAB: Bacterial growth and cultivation technique C	Dr. Mümtaz Güran	IN CLASS
11:40-12:30	12:40-13:30	Microbiology LAB: Bacterial growth and cultivation technique C	Dr. Mümtaz Güran	IN CLASS
12:40-13:30	13:40-14:30	Microbiology LAB: Bacterial growth and cultivation technique B	Dr. Mümtaz Güran	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Microbiology LAB: Bacterial growth and cultivation technique B	Dr. Mümtaz Güran	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	Microbiology LAB: Bacterial growth and cultivation technique A	Dr. Mümtaz Güran	IN CLASS
15:40-16:30	16:40-17:30	Microbiology LAB: Bacterial growth and cultivation technique A	Dr. Mümtaz Güran	IN CLASS

Saturday		19 March		
14:00-18:00	15:00-19:00	Turkish for Medical Students-II (Foreign Students)	Inst. Şerife Ç. Sökmez	MS TEAMS
7th Week (21 March - 25 March 2022)				
Cyprus local time	Turkey local time			
Monday		21 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	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	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Biochemical aspect of immunoglobulins	Dr. Önder Şirikçi	MS TEAMS
16:40-17:30	17:40-18:30	Biochemical aspect of immunoglobulins	Dr. Önder Şirikçi	MS TEAMS
17:40-18:30	18:40-19:30	Developmental genetics	Dr. Ahmet İlder Güney	MS TEAMS
Tuesday		22 March		
08:40-09:30	09:40-10:30	Composition and function of blood	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 Dr. Ethem Gelir	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	12:40-13:30	Physiology LAB: Muscle physiology (Group B)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
		Turkish For Medical Students-II (Interactive Session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Physiology LAB: Muscle physiology	Dr. Özgür Kasımay Çakır	IN CLASS

		(Group C)	Dr. Alper Yıldırım Dr. Ethem Gelir	
14:40-15:30	15:40-16:30	Physiology LAB: Muscle physiology (Group D)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
15:40-16:30	16:40-17:30	Physiology LAB: Muscle physiology (Group E)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
16:40-17:30	17:40-18:30	Physiology LAB: Muscle physiology (Group F)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
Wednesday		23 March		
08:40-09:30	09:40-10:30	Functions of the respiratory system	Dr. Alper Yıldırım	IN CLASS
09:40-10:30	10:40-11:30	Functional structures of the digestive system	Dr. Alper Yıldırım	IN CLASS
10:40-11:30	11:40-12:30	Embryonic Induction	Dr. Özlem Tuğçe Kaya	MS TEAMS
12:40-13:30	13:40-14:30	Genomic organization and rearrangement of immunoglobulin genes	Dr. Can Erzik	MS TEAMS
13:40-14:30	14:40-15:30	STUDY TIME		
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	Principles of sterilization and disinfection	Dr. Mümtaz Güran	IN CLASS
Thursday		24 March		
08:40-09:30	09:40-10:30	Introduction to respiratory system	Dr. Necmettin Ömer Özdoğan	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 gastrointestinal system	Dr. Özlem Tuğçe Kaya	MS TEAMS
12:40-13:30	13:40-14:30	PBL-4	Dr. Nilüfer Güzoğlu Dr. Ergül Mutlu Altundağ Dr. Maryam Norouzbahari	MS TEAMS
13:40-14:30	14:40-15:30	PBL-4	Dr. Gülcem Altınoğlu Dr. Mete Özkoç Inst. Gizem Şanlıtürk	

			Inst. Katriye Komili	
14:40-15:30	15:40-16:30	Congenital malformations	Dr. Şule Çetinel	UZEM
15:40-16:30	16:40-17:30	Congenital malformations	Dr. Şule Çetinel	UZEM
Friday		25 March		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	The fate of substances in the body	Dr. Ergül Mutlu Altundağ	IN CLASS
10:40-11:30	11:40-12:30	Biochemical aspect of cytokines	Dr. Ergül Mutlu Altundağ	IN CLASS
11:40-12:30	12:40-13:30	Biochemical aspect of cytokines	Dr. Ergül Mutlu Altundağ	IN CLASS
13:40-14:30	14:40-15:30	Genomic organization of HLA system	Dr. Pınar Ata	MS TEAMS
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		

7th Week (28 March – 01 April 2022)				
Monday	28 March			
08:40-09:30	Y1C3 PRACTICAL EXAM			
09:40-10:30				
10:40-11:30				
11:40-12:30				
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	29 March			
08:40-09:30	Y1C3 PRACTICAL EXAM			

09:40-10:30			
10:40-11:30			
11:40-12:30			
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	30 March		
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	31 March		
08:40-09:30	Y1C3 THEORETICAL EXAM		
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			

Friday	01 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			