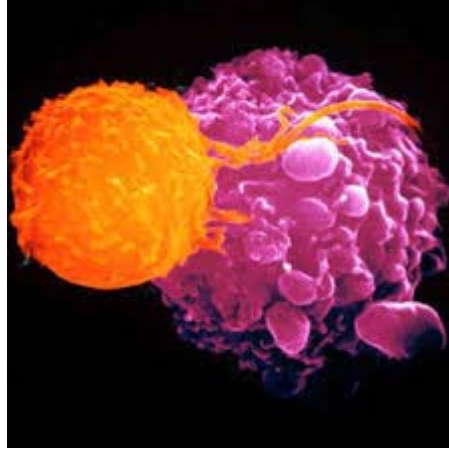




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**DEVELOPMENT AND ORGANIZATION OF HUMAN BODY
YEAR 1 COURSE 3
January 20 – March 26, 2020**

Coordinator of the Course 1.3 Prof., Mustafa AKKİPRİK & Assoc. Prof., Dilek AKAKIN & Assist. Prof., Ergül MUTLU ALTUNDAĞ	
Module Coordinator Assoc. Prof., Özlem SARIKAYA & Inst.Dr., Duygu GENÇALP	Introduction to Clinician Skills (ICS) Coordinators Prof., Pemra ÜNALAN & Assoc. Prof. Dr., Nilüfer GÜZOĞLU
Coordinator of Clinical Skill Lab. Prof., Pemra ÜNALAN & Assist. Prof. Bülent SEZGİN	Coordinator of ICS Res. Lab. Prof., Pemra ÜNALAN & Inst. Dr. Özge Cumaoğulları EKER
Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR & Assist. Prof., Mümtaz GÜRAN	Coordinator of Assessment Unite Assist. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI
Vice-Chief Coordinators	
Assessment Assist. Prof., Cevdet NACAR & Assist. Prof., Mümtaz GÜRAN	Students' Affairs Assist. Prof., Can ERZİK & Ins. Yönter MERAY
Chief Coordinator Assoc. Prof., Hasan YANANLI & Assist. Prof., Mümtaz GÜRAN	Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN
Educational Consultant Assoc. Prof., Mehmet Ali GÜLPINAR	
Dean (EMU) Assoc. Prof., Emre HAMURTEKİN	Dean (MU) Prof., Hakan GÜNDÜZ

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

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, first year students will,

- 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

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

PROGRAM EVALUATION

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

- Anatomy
- Biochemistry
- Biophysics
- Biostatistics
- Histology & Embryology

- 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
Cemal GÜRKAN, Inst., Dr., Forensic Sciences
Dilek AKAKIN, Assoc. Prof., Histology and Embryology
Duygu GENÇALP, Inst., Dr., Medical Biochemistry
Emine ÖZERİNÇ, Inst., Foreign Languages and Preparatory School
Ergül MUTLU ALTUNDAĞ, Assist., Prof., Medical Biochemistry
Feriha ERCAN, Prof., Histology and Embryology
Hızır KURTEL, Prof., Physiology
Hülya CABADAK, Assoc. Prof., Biophysics
İlke AKÇAY, Assist. Prof., Biostatistics
İlter GÜNEY, Assoc. Prof., Medical Genetics
İnci ALICAN, Prof., Physiology
Masoud AFSHANI, Assist. Prof., Histology and Embryology
Mümtaz GÜRAN, Assist. Prof., Microbiology

Nazan DOĞRUER, Inst., Dr., Medical English
Nurtane KARAGIL, Inst., Arts and Crafts
Önder ŞİRİKÇİ, Prof., Medical Biochemistry
Özge Cumaoğulları EKER, Inst.,Dr., Medical Genetics
Özgür KASIMAY ÇAKIR, Assoc. Prof., Physiology
Özlem Tuğçe KAYA, Assist. Prof., Histology and Embryology
Özlem Sarıkaya, Prof., Medical Education
Pınar ATA, Assoc. Prof., Medical Genetics
Saim BATIREL, Assist. Prof., Medical Biochemistry
Sinem Yıldız, Assist. Prof., Medical Education
Şükrü TÜZMEN, Prof., Medical Biology
Tunç AKKOÇ, Assoc., Prof., Immunology
Ural VERİMLİ, Assist. Prof., Anatomy
Ümit ŞEHİRLİ, Prof., Anatomy
Yasemin KURTOĞLU, Inst., Aerial Fitness and High Intensity Interval Training

READING / STUDYING MATERIALS

- 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 editörü: 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

SUMMARY OF THE COURSE 1.3

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	5	5	10
Biochemistry	10		10
Biostatistics	12		12
Histology and Embryology	35	8	43
Immunology	2		2
Medical Biology	1		1
Microbiology	16	5	21
Physiology	12	2	14
Biophysics	1		1
Medical Genetics	2		2
Subtotal	96	20	116
PBL Module	8		8
ICS-1: Communication Skills	16		16
ICS-1: Computer & Student Research Activity	27		27
Medical English	14		14
Elective	10		10
TFMS102 – Turkish for Medical Students-II (Foreign Students)	28		28
TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	12		12
TOTAL	220	20	240

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
Week -1 (20 January- 24 January 2020)		
Monday	20 January	
08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Emine Özerinç
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Aerial Fitness and High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Yasemin Kurtoğlu
16:40-17:30		
Tuesday	21 January	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	Introduction to the course	Dr. Ergül Mutlu Altundağ
13:40-14:30	Review of statistical inference table and introduction to nonparametric methods	Dr. İlke Akçay
14:40-15:30	Sign test, Mann-Whitney U test, Wilcoxon test (paired sample)	Dr. İlke Akçay
15:40-16:30	History and Development of Microbiology	Dr. Mümtaz Güran
16:40-17:30	Classification and structure of prokaryotic and eukaryotic organisms	Dr. Mümtaz Güran
Wednesday	22 January	
08:40-09:30	Basic structure of bacterial cell and classification of bacteria	Dr. Mümtaz Güran
09:40-10:30	Basic structure of bacterial cell and classification of bacteria	Dr. Mümtaz Güran
10:40-11:30	Chi-square test of independence	Dr. İlke Akçay
11:40-12:30	Chi-square test of homogeneity	Dr. İlke Akçay
13:40-14:30	Classification and general properties of medically important fungi	Dr. Mümtaz Güran
14:40-15:30	ICS-1 Research: Review of questionnaires	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
15:40-16:30	ICS-1 Research: Review of questionnaires	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
16:40-17:30	ICS-1 Research: Planning of data gathering	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
Thursday	23 January	
08:40-09:30	Genomic organization and rearrangement of immunoglobulin genes	Dr. Şükrü Tüzmen
09:40-10:30	Anatomy of the organs related to digestive system	Dr. Ural Verimli
10:40-11:30	Introduction to urogenital system	Dr. Ural Verimli

11:40-12:30	Introduction to musculoskeletal system	Dr. Ural Verimli
13:40-14:30	Introduction to cardiovascular system	Dr. Ural Verimli
14:40-15:30	Introduction to respiratory system	Dr. Ural Verimli
15:40-16:30	Anatomy LAB: Anatomy of respiratory and circulatory system (Group A)	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Anatomy of respiratory and circulatory system (Group B)	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
Friday	24 January	
08:40-09:30	STUDY TIME	
09:40-10:30	TFMS102 – Turkish for Medical Students-II (EXAM)	Inst. Emine Özerinç
10:40-11:30		
11:40-12:30		
13:40-14:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope (Group A)	Dr. Mümtaz Güran
14:40-15:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope (Group B)	Dr. Mümtaz Güran
15:40-16:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope (Group C)	Dr. Mümtaz Güran
16:40-17:30	Microbiology LAB: Rules in microbiology laboratory and use of microscope (Group D)	Dr. Mümtaz Güran
SEMESTER HOLIDAYS (27 January- 7 February)		
Week -2 (10 February- 14 February 2020)		
Monday	10 February	
08:40-09:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Ins. Emine Özerinç
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	11 February	
08:40-09:30	STUDY TIME	
09:40-10:30	Epithelial tissue	Dr. Masoud Afshani
10:40-11:30	Epithelial tissue	Dr. Masoud Afshani
11:40-12:30	Glandular tissue	Dr. Masoud Afshani
13:40-14:30	Growth of bacteria	Dr. Mümtaz Güran
14:40-15:30	Bacterial metabolism	Dr. Mümtaz Güran
15:40-16:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
16:40-17:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
Wednesday	12 February	

08:40-09:30	Histology LAB: Epithelial tissue (Group A)	Dr. Dilek Akakin
09:40-10:30	Histology LAB: Epithelial tissue (Group A)	Dr. Masoud Afshani
10:40-11:30	Histology LAB: Epithelial tissue (Group B)	Dr. Dilek Akakin
11:40-12:30	Histology LAB: Epithelial tissue (Group B)	Dr. Masoud Afshani
13:40-14:30	Introduction to embryology: Oogenesis	Dr. Dilek Akakin
14:40-15:30	Introduction to embryology: Oogenesis	Dr. Dilek Akakin
15:40-16:30	Histology of supporting tissue: Connective tissue	Dr. Dilek Akakin
16:40-17:30	Histology of supporting tissue: Connective tissue	Dr. Dilek Akakin
Thursday	13 February	
08:40-09:30	Histology LAB: Connective tissue (Group A)	Dr. Dilek Akakin
09:40-10:30	Histology LAB: Connective tissue (Group A)	Dr. Masoud Afshani
10:40-11:30	Histology LAB: Connective tissue (Group B)	Dr. Dilek Akakin
11:40-12:30	Histology LAB: Connective tissue (Group B)	Dr. Masoud Afshani
13:40-14:30	Skeletal muscle	Dr. Dilek Akakin
14:40-15:30	Cardiac muscle	Dr. Dilek Akakin
15:40-16:30	Smooth muscle	Dr. Dilek Akakin
16:40-17:30	STUDY TIME	
Friday	14 February	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
11:40-12:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
13:40-14:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran
14:40-15:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran
15:40-16:30	PBL Module -1	Dr. Duygu Gençalp Dr. Özge Eker Dr. Masoud Afshani Dr. Maryam Norouzbahari
16:40-17:30	PBL Module -1	Dr. Duygu Gençalp Dr. Özge Eker Dr. Masoud Afshani Dr. Maryam Norouzbahari
Week -3 (17 February- 21 February 2020)		
Monday	17 February	
08:40-09:30	ICS-1 Research: Types of variables	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-1 Research: Graphics for different variable types	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-1 Research: Excel practicum – tables & functions	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-1 Research: Excel practicum – graphics/charts	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker

13:40-14:30	Medical English (Gr 1 & 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – Aerial Fitness and High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Yasemin Kurtoğlu
16:40-17:30		
Tuesday	18 February	
08:40-9:30	Anatomy LAB: Anatomy of digestive system (Group A)	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Öngün
09:40-10:30	Anatomy LAB: Anatomy of digestive system (Group B)	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Öngün
10:40-11:30	Anatomy LAB: Anatomy of the organs of urogenital system (Group A)	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Anatomy of the organs of urogenital system (Group B)	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Öngün
13:40-14:30	Microbiology LAB: Bacterial growth and cultivation technique (Group A)	Dr. Mümtaz Güran
14:40-15:30	Microbiology LAB: Bacterial growth and cultivation technique (Group A)	Dr. Mümtaz Güran
15:40-16:30	Microbiology LAB: Bacterial growth and cultivation technique (Group B)	Dr. Mümtaz Güran
16:40-17:30	Microbiology LAB: Bacterial growth and cultivation technique (Group B)	Dr. Mümtaz Güran
Wednesday	19 February	
08:40-09:30	Comparing risk-relative risk and Odds ratio	Dr. İlke Akçay
09:40-10:30	Some basic concepts for diagnosis tests	Dr. İlke Akçay
10:40-11:30	Physiological properties of the skeletal muscle	Dr. Alper Yıldırım
11:40-12:30	Functional structures of the heart and peripheral circulation	Dr. Alper Yıldırım
13:40-14:30	Microbiology LAB: Bacterial growth and cultivation technique (Group A)	Dr. Mümtaz Güran
14:40-15:30	Microbiology LAB: Bacterial growth and cultivation technique (Group A)	Dr. Mümtaz Güran
15:40-16:30	Microbiology LAB: Bacterial growth and cultivation technique (Group B)	Dr. Mümtaz Güran
16:40-17:30	Microbiology LAB: Bacterial growth and cultivation technique (Group B)	Dr. Mümtaz Güran
Thursday	20 February	
08:40-09:30	Specialized connective tissues: Adipose tissue, blood	Dr. Feriha Ercan
09:40-10:30	Specialized connective tissues: Cartilage, bone	Dr. Feriha Ercan
10:40-11:30	Fertilization and implantation	Dr. Feriha Ercan
11:40-12:30	Fertilization and implantation	Dr. Feriha Ercan
13:40-14:30	Bacterial genetics and bacteriophages	Dr. Mümtaz Güran
14:40-15:30	Bacterial genetics and bacteriophages	Dr. Mümtaz Güran
15:40-16:30	Histology LAB: Specialized connective Tissue (Group A)	Dr. Feriha Ercan Dr. Masoud Afshani

16:40-17:30	Histology LAB: Specialized connective Tissue (Group A)	Dr. Feriha Ercan Dr. Masoud Afshani
Friday	21 February	
08:40-09:30	Formation of bilaminar embryo	Dr. Feriha Ercan
09:40-10:30	Formation of trilaminar embryo	Dr. Feriha Ercan
10:40-11:30	Formation of trilaminar embryo	Dr. Feriha Ercan
11:40-12:30	STUDY TIME	
13:40-14:30	PBL Module -2	Dr. Duygu Gençalp Dr. Özge Eker Dr. Maryam Norouzbahari Inst. Gizem Şanlıtürk
14:40-15:30	PBL Module -2	Dr. Duygu Gençalp Dr. Özge Eker Dr. Maryam Norouzbahari Inst. Gizem Şanlıtürk
15:40-16:30	Histology LAB: Specialized connective Tissue (Group B)	Dr. Feriha Ercan Dr. Masoud Afshani
16:40-17:30	Histology LAB: Specialized connective Tissue (Group B)	Dr. Feriha Ercan Dr. Masoud Afshani
Week -4 (24 February- 28 February 2020)		
Monday	24 February	
08:40-09:30	ICS-1 Research: Data input in SPSS - Groups 1, 3, 5, 7, 9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-1 Research: Data input in SPSS - Groups 1, 3, 5, 7, 9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-1 Research: Data input in SPSS - Groups 2, 4, 6, 8	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-1 Research: Data input in SPSS - Groups 2, 4, 6, 8	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
13:40-14:30	Medical English (Gr 1 & 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk
16:40-17:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk
Tuesday	25 February	
08:40-09:30	ICS -1: Communication Skills Course	Dr. Özlem Sarıkaya Dr. Sinem Yıldız Dr. İlke Akçay Dr. Duygu Gençalp
09:40-10:30	ICS -1: Communication Skills Course	
10:40-11:30	ICS -1: Communication Skills Course	
11:40-12:30	ICS -1: Communication Skills Course	
13:40-14:30	ICS -1: Communication Skills Course	Dr. Özlem Sarıkaya Dr. Sinem Yıldız Dr. İlke Akçay Dr. Duygu Gençalp
14:40-15:30	ICS -1: Communication Skills Course	
15:40-16:30	ICS -1: Communication Skills Course	
16:40-17:30	ICS -1: Communication Skills Course	
Wednesday	26 February	
08:40-09:30	ICS -1: Communication Skills Course	Dr. Özlem Sarıkaya Dr. Sinem Yıldız
09:40-10:30	ICS -1: Communication Skills Course	

10:40-11:30	ICS -1: Communication Skills Course	Dr. İlke Akçay Dr. Duygu Gençalp
11:40-12:30	ICS -1: Communication Skills Course	
13:40-14:30	ICS -1: Communication Skills Course	Dr. Özlem Sarıkaya
14:40-15:30	ICS -1: Communication Skills Course	Dr. Sinem Yıldız
15:40-16:30	ICS -1: Communication Skills Course	Dr. İlke Akçay
16:40-17:30	ICS -1: Communication Skills Course	Dr. Duygu Gençalp
Thursday	27 February	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
11:40-12:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
13:40-14:30	Classification and general properties of medically important protozoa	Dr. Mümtaz Güran
14:40-15:30	Classification and general properties of medically important helminths	Dr. Mümtaz Güran
15:40-16:30	Genomic organization of HLA system	Dr. Pınar Ata
16:40-17:30	Developmental genetics	Dr. Ahmet İlder Güney
Friday	28 February	
08:40-09:30	ICS-1 Research: Data input in SPSS - Groups 2, 4, 6, 8	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-1 Research: Data input in SPSS - Groups 2, 4, 6, 8	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-1 Research: Data input in SPSS - Groups 1, 3, 5, 7, 9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-1 Research: Data input in SPSS - Groups 1, 3, 5, 7, 9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
13:40-14:30	PBL Module -3	Dr. Duygu Gençalp Dr. Özge Eker Dr. Berfu Çerçi Öngün Inst. Gizem Şanlıtürk
14:40-15:30	PBL Module -3	Dr. Duygu Gençalp Dr. Özge Eker Dr. Berfu Çerçi Öngün Inst. Gizem Şanlıtürk
15:40-16:30	Introduction to embryology: Spermatogenesis	Dr. Masoud Afshani
16:40-17:30	Introduction to embryology: Spermatogenesis	Dr. Masoud Afshani
Week -5 (02 March- 06 March 2020)		
Monday	02 March	
08:40-09:30	ICS-1 Research: Data analysis in SPSS Groups 1, 3, 5, 7, 9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-1 Research: Data analysis in SPSS Groups 1, 3, 5, 7, 9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-1 Research: Data analysis in SPSS Groups 2,4,6,8	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-1 Research: Data analysis in SPSS Groups 2,4,6,8	Dr. İlke Akçay

		Dr. Özge Cumaoğulları Eker
13:40-14:30	Medical English (Gr 1 & 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students MDCN184 – MDCN184 – Aerial Fitness and High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Yasemin Kurtoğlu
16:40-17:30		
Tuesday	03 March	
08:40-09:30	Statistical packages	Dr. İlke Akçay
09:40-10:30	Interpretation of computer outputs	Dr. İlke Akçay
10:40-11:30	Functional structures of the digestive system	Dr. Alper Yıldırım
11:40-12:30	Functions of the respiratory system	Dr. Alper Yıldırım
13:40-14:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
14:40-15:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
15:40-16:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
16:40-17:30	TFMS102 – Turkish for Medical Students-II (Interactive session for Foreign Students)	Inst. Emine Özerinç
Wednesday	04 March	
08:40-09:30	ICS-1 Research: Data analysis in SPSS Groups 2,4,6,8	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-1 Research: Data analysis in SPSS Groups 2,4,6,8	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-1 Research: Data analysis in SPSS Groups 1,3,5,7,9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-1 Research: Data analysis in SPSS Groups 1,3,5,7,9	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
13:40-14:30	Composition and function of blood	Dr. Özgür Kasımay Çakır
14:40-15:30	Regulation of body fluids and pH	Dr. Özgür Kasımay Çakır
15:40-16:30	Introduction to urogenital system	Dr. Masoud Afshani
16:40-17:30	Introduction to urogenital system	Dr. Masoud Afshani
Thursday	05 March	
08:40-09:30	ICS-1 Research: Abstract writing	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-1 Research: Abstract writing	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-1 Research: Abstract writing	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-1 Research: Abstract writing	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker
13:40-14:30	Physiology LAB :Group A: Muscle physiology	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
14:40-15:30	Physiology LAB: Group A: Muscle physiology	Dr. Özgür Kasımay Çakır

		Dr. Alper Yıldırım
15:40-16:30	Physiology LAB: Group B: Muscle physiology	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
16:40-17:30	Physiology LAB: Group B: Muscle physiology	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
Friday	06 March	
08:40-09:30	STUDY TIME	
09:40-10:30	Application of bacterial genetics in industry and microbiology	Dr. Mümtaz Güran
10:40-11:30	Correlation	Dr. İlke Akçay
11:40-12:30	Simple Regression	Dr. İlke Akçay
13:40-14:30	General principles of renal physiology	Dr. Özgür Kasımay Çakır
14:40-15:30	General principles of renal physiology	Dr. Özgür Kasımay Çakır
15:40-16:30	STUDENT CONGRESS ORIENTATION	Dr. İlke Akçay Dr. Berfu Çerçi Öngün
16:40-17:30	Smooth muscle contraction	Dr. Hülya Cabadak
Week -6 (09 March- 13 March 2020)		
Monday	09 March	
08:40-09:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Ins. Emine Özerinç
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Yasemin Kurtoğlu
16:40-17:30	MDCN182 – Arts and Crafts for Medical Students MDCN184 – MDCN184 – Aerial Fitness and High Intensity Interval Training	

Kovid-19 pandemisi sebebiyle 10 Mart 2020 tarihinden itibaren sınıfta eğitime ara verilmiştir ve uzaktan eğitim yoluyla devam edilmektedir.

Due to the Covid-19 pandemic, education in classrooms has been suspended and continues through distance learning.

<https://medicine.emu.edu.tr/en/students/current-students/committees/distance-learning-time-table>