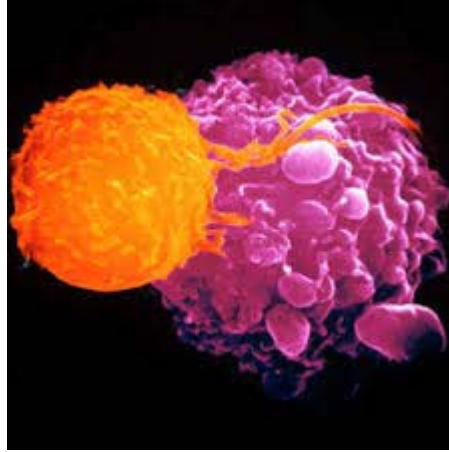




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**DEVELOPMENT AND ORGANIZATION OF HUMAN BODY
YEAR 1 COURSE 3
January 14 – March 22, 2019**

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., Berfu Çerçi ÖNGÜN	Introduction to Clinician Skills (ICS) Coordinators Assoc. Prof., Pemra ÜNALAN & Assist. Prof. Dr.,Bülent SEZGIN
Coordinator of Clinical Skill Lab. Assoc. Prof., Pemra ÜNALAN & Inst., Berfu Çerçi ÖNGÜN	Coordinator of ICS Res. Lab. Prof., Sibel SAKARYA & Assist. Prof., İlke AKÇAY
Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR & Assist. Prof., Mümtaz GÜRAN	Coordinator of Assessment Unite Assist. Prof., Cevdet NACAR & H. Eren SAKALLI
Vice-Chief Coordinators	
Assessment Assist. Prof., Cevdet NACAR & Assist. Prof., Mümtaz GÜRAN	Students' Affairs Assist. Prof., Can ERZİK & Assist. Prof., İlke AKÇAY & Assist. Prof., Mümtaz GÜRAN
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) Prof., Nahide GÖKÇORA	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
Ayfer CİVİSİLLİ, Instructor., Medical English
Ayşe KOZANSOY, Instructor, Medical English
Betül KARADEMİR, Assoc. Prof., Medical Biochemistry
Berfu Çerçi ÖNGÜN, Inst.,Dr. Anatomy
Bülent SEZGİN, Assist. Prof., Internal Medicine
Cemal GÜRKAN, Instructor., Forensic Sciences
Dilek AKAKIN, Assoc. Prof., Histology and Embryology
Duygu GENÇALP, Instructor., Medical Biochemistry
Emine ÖZERİNÇ, Instructor., Foreign Languages and Preparatory School
Feriha ERCAN, Prof., Histology and Embryology
Ergül MUTLU ALTUNDAĞ, Assist., Prof., Medical Biochemistry
Hızır KURTEL, Prof., Physiology
Hülya CABADAK, Assoc. Prof., Biophysics
İlke ÇETİN AKÇAY, Assist. Prof., Biostatistics
İlter GÜNEY, Assoc. Prof., Medical Genetics
İnci ALİCAN, Prof., Physiology

Masoud AFSHANİ, Assist. Prof., Histology and Embryology
Mümtaz GÜRAN, Assist. Prof., Microbiology
Nurtane KARAGİL, Instructor., 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
Saime BATIREL, Assist. Prof., Medical Biochemistry
Serap ŞİRVANCI, Prof., Histology and Embryology
Şerife Çelebi SÖNMEZ, Instructor., Turkish Language
Şükrü TÜZMEN, Assoc. Prof., Medical Biology
Tunç AKKOÇ, Assoc., Prof., Immunology
Ural VERİMLİ, Assist. Prof., Anatomy
Ümit ŞEHİRLİ, Prof., Anatomy
Sinem Yıldız., Assist. Prof., Medical Education

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	3	8
Biochemistry	10		10
Biostatistics	12		10
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	18	114
PBL Module	8		8
ICS-1: Communication Skills	16		16
ICS-1: Computer & Student Research Activity	13		13
Medical English	10		10
Elective	10		10
Communication in Turkish I	19		19
TOTAL	172		190

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
Week -1 (14 January- 18 January 2019)		
Monday	14 January	
08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Ayfer Civasilli Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	MDCN-181-Forensic Sciences MDCN-182-Art and Craft for Medicine Students	Inst. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30		
Tuesday	15 January	
08:40-09:30	Interactive Session For Foreign Students	Inst. Mine Özerinç
09:40-10:30	Interactive Session For Foreign Students	Inst. Mine Özerinç
10:40-11:30	Interactive Session For Foreign Students	Inst. Mine Özerinç
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	16 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
15:40-16:30	ICS-1 Research: Review of questionnaires	Dr. İlke Akçay
16:40-17:30	ICS-1 Research: Planning of data gathering	Dr. İlke Akçay
Thursday	17 January	
08:40-09:30	Anatomy of the organs related to digestive system	Dr. Ural Verimli
09:40-10:30	Introduction to urogenital system	Dr. Ural Verimli
10:40-11:30	Introduction to musculoskeletal system	Dr. Ural Verimli
11:40-12:30	Introduction to cardiovascular system	Dr. Ural Verimli

13:40-14:30	Introduction to respiratory system	Dr. Ural Verimli
14:40-15:30	Anatomy LAB: Anatomy of respiratory and circulatory system (Group A)	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: Anatomy of respiratory and circulatory system (Group B)	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
16:40-17:30	STUDY TIME	
Friday	18 January	
08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
09:40-10:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
10:40-11:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
11:40-12:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
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
Week -2 (21 January- 25 January 2017)		
Monday	21 January	
08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Ayfer Civisilli Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	MDCN-181-Forensic Sciences	Inst. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN-182-Art and Craft for Medicine Students	
Tuesday	22 January	
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	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	23 January	
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 Akakın
11:40-12:30	Histology LAB: Epithelial tissue (Group B)	Dr. Masoud Afshani
13:40-14:30	Introduction to embryology: Oogenesis	Dr. Dilek Akakın
14:40-15:30	Introduction to embryology: Oogenesis	Dr. Dilek Akakın
15:40-16:30	Histology of supporting tissue: Connective tissue	Dr. Dilek Akakın
16:40-17:30	Histology of supporting tissue: Connective tissue	Dr. Dilek Akakın
Thursday	24 January	
08:40-09:30	Histology LAB: Connective tissue (Group A)	Dr. Dilek Akakın
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 Akakın
11:40-12:30	Histology LAB: Connective tissue (Group B)	Dr. Masoud Afshani
13:40-14:30	Skeletal muscle	Dr. Dilek Akakın
14:40-15:30	Cardiac muscle	Dr. Dilek Akakın
15:40-16:30	Smooth muscle	Dr. Dilek Akakın
16:40-17:30	STUDY TIME	
Friday	25 January	
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	
28 JANUARY-08 FEBRUARY SEMESTER HOLIDAY		
Week -3 (11 February- 15 January 2018)		
Monday	11 February	
08:40-09:30	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	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber Istillozlu

14:40-15:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
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	12 February	
08:40-9:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran
09:40-10:30	Classification, morphology and replication of viruses and prions	Dr. Mümtaz Güran
10:40-11:30	Atatürk's Principles and History of Modern Turkey EXAM	
11:40-12:30		
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	13 February	
08:40-09:30	Comparing risk-relative risk and Odds ratio	Dr. İlke Çetin Akçay
09:40-10:30	Some basic concepts for diagnosis tests	Dr. İlke Çetin 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	14 February	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Correlation	Dr. İlke Çetin Akçay
11:40-12:30	Simple Regression	Dr. İlke Çetin Akçay
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	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	15 February	
08:40-09:30	Y2C3 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		

11:40-12:30			
13:40-14:30	PBL Module -1	Dr. Masoud Afshani Dr. İlke Akçay Inst. Duygu Gençalp Inst. Hüseyin Bıyıkoğlu Inst. Naife Sevdalı	
14:40-15:30			
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Week -4 (18 February- 22 February 2018)			
Monday	18 February		
08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu	
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	MDCN-181-Forensic Sciences MDCN-182-Art and Craft for Medicine Students	Inst. Cemal Gürkan Inst. Nurtane Karagil	
16:40-17:30			
Tuesday	19 February		
08:40-09:30	Classification and general properties of medically important protozoa	Dr. Mümtaz Güran	
09:40-10:30	Classification and general properties of medically important helminths	Dr. Mümtaz Güran	
10:40-11:30	Genomic organization of HLA system	Dr. Pınar Ata	
11:40-12:30	Developmental genetics	Dr. Ahmet İltar Güney	
13:40-14:30	PBL Module -2	Dr. Masoud Afshani Dr. İlke Akçay Inst. Duygu Gençalp Inst. Hüseyin Bıyıkoğlu Inst. Naife Sevdalı	
14:40-15:30			
15:40-16:30			Interactive Session For Foreign Students
16:40-17:30			Interactive Session For Foreign Students
Wednesday	20 February		
08:40-09:30	ICS -1: Communication Skills Course	Dr. Özlem Sarıkaya Dr. Sinem Yıldız Dr. İlke Çetin Akçay Dr. Berfu Çerçi Öngün Inst. 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		
14:40-15:30	ICS -1: Communication Skills Course	Dr. Sinem Yıldız	

15:40-16:30	ICS -1: Communication Skills Course	Dr. İlke Çetin Akçay Dr. Berfu Çerçi Öngün Inst. Duygu Gençalp
16:40-17:30	ICS -1: Communication Skills Course	
Thursday	21 February	
08:40-09:30	ICS -1: Communication Skills Course	Dr. Özlem Sarıkaya Dr. Sinem Yıldız Dr. İlke Çetin Akçay Dr. Berfu Çerçi Öngün Inst. 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 Çetin Akçay Dr. Berfu Çerçi Öngün Inst. 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	
Friday	22 February	
08:40-09:30	ICS-1 Research: Types of variables	Dr. İlke Çetin Akçay
09:40-10:30	ICS-1 Research: Graphics for different variable types	Dr. İlke Çetin Akçay
10:40-11:30	ICS-1 Research: Excel practicum – tables & functions	Dr. İlke Çetin Akçay
11:40-12:30	ICS-1 Research: Excel practicum – graphics/charts	Dr. İlke Çetin Akçay
13:40-14:30	STUDY TIME	
14:40-15:30	Evidence-based Medicine	Dr. İlke Akçay
15:40-16:30	Meta-analysis	Dr. İlke Akçay
16:40-17:30	STUDY TIME	
Week -5 (25 February- 1 March 2018)		
Monday	25 February	
08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Ayfer Cavisilli Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	26 February	
08:40-09:30	Introduction to embryology: Spermatogenesis	Dr. Masoud Afshani
09:40-10:30	Introduction to embryology: Spermatogenesis	Dr. Masoud Afshani
10:40-11:30	Specialized connective tissues: Adipose tissue, blood	Dr. Feriha Ercan
11:40-12:30	Specialized connective tissues: Cartilage, bone	Dr. Feriha Ercan

13:40-14:30	PBL Module -3	Dr. Masoud Afshani Dr. İlke Akçay Inst. Duygu Gençalp Inst. Hüseyin Bıyıkoğlu Inst. Naife Sevdalı
14:40-15:30		
15:40-16:30	Application of bacterial genetics in industry and Microbiology	Dr. Mümtaz Güran
16:40-17:30	Functional structures of the digestive system	Dr. Alper Yıldırım
Wednesday	27 February	
08:40-09:30	Functions of the respiratory system	Dr. Alper Yıldırım
09:40-10:30	Fertilization and implantation	Dr. Feriha Ercan
10:40-11:30	Fertilization and implantation	Dr. Feriha Ercan
11:40-12:30	Formation of bilaminar embryo	Dr. Feriha Ercan
13:40-14:30	Histology LAB: Specialized connective Tissue (Group A)	Dr. Feriha Ercan Dr. Masoud Afshani
14:40-15:30	Histology LAB: Specialized connective Tissue (Group A)	
15:40-16:30	Formation of trilaminar embryo	Dr. Feriha Ercan
16:40-17:30	Formation of trilaminar embryo	Dr. Feriha Ercan
Thursday	28 February	
08:40-09:30	Composition and function of blood	Dr. Özgür Kasımay Çakır
09:40-10:30	Regulation of body fluids and pH	Dr. Özgür Kasımay Çakır
10:40-11:30	Histology LAB: Specialized connective Tissue (Group B)	Dr. Feriha Ercan Dr. Masoud Afshani
11:40-12:30	Histology LAB: Specialized connective Tissue (Group B)	Dr. Feriha Ercan Dr. Masoud Afshani
13:40-14:30	Physiology LAB: Muscle physiology	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
14:40-15:30	Physiology LAB: Muscle physiology	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
15:40-16:30	Physiology LAB: Muscle physiology	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
16:40-17:30	Physiology LAB: Muscle physiology	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
Friday	01 March	
08:40-09:30	Y3C3 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
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	Interactive Session For Foreign Students	Inst. Mine Özeriç
16:40-17:30	Interactive Session For Foreign Students	Inst. Mine Özeriç
Week -6 (4 March- 8 March 2018)		
Monday	04 March	

08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Ayfer Civisilli Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	MDCN-181-Forensic Sciences MDCN-182-Art and Craft for Medicine Students	Inst. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30		
Tuesday	05 March	
08:40-09:30	Introduction to lung, heart and vessels	Dr. Özlem Tuğçe Kaya
09:40-10:30	Introduction to lung, heart and vessels	Dr. Özlem Tuğçe Kaya
10:40-11:30	Formation of basic organ systems	Dr. Özlem Tuğçe Kaya
11:40-12:30	Formation of basic organ systems	Dr. Özlem Tuğçe Kaya
13:40-14:30	Principles of sterilization and disinfection	Dr. Mümtaz Güran
14:40-15:30	Principles of sterilization and disinfection	Dr. Mümtaz Güran
15:40-16:30	Interactive Session For Foreign Students	Inst. Mine Özerinç
16:40-17:30	Interactive Session For Foreign Students	Inst. Mine Özerinç
Wednesday	06 March	
08:40-09:30	Introduction to gastrointestinal system	Dr. Özlem Tuğçe Kaya
09:40-10:30	Introduction to gastrointestinal system	Dr. Özlem Tuğçe Kaya
10:40-11:30	Introduction to spleen, thymus and lymph nodes	Dr. Özlem Tuğçe Kaya
11:40-12:30	Introduction to spleen, thymus and lymph nodes	Dr. Özlem Tuğçe Kaya
13:40-14:30	Histology LAB: Muscle tissue (Group B)	Dr. Özlem Tuğçe Kaya
14:40-15:30	Histology LAB: Muscle tissue (Group B)	Dr. Masoud Afshani
15:40-16:30	Histology LAB: Muscle tissue (Group A)	Dr. Özlem Tuğçe Kaya
16:40-17:30	Histology LAB: Muscle tissue (Group A)	Dr. Masoud Afshani
Thursday	07 March	
08:40-09:30	Introduction to urogenital system	Dr. Masoud Afshani
09:40-10:30	Introduction to urogenital system	Dr. Masoud Afshani
10:40-11:30	Biochemistry of connective tissue	Dr. Betül Karademir
11:40-12:30	Biochemistry of connective tissue	Dr. Betül Karademir
13:40-14:30	The fate of substances in the body	Dr. Betül Karademir
14:40-15:30	Fetal period	Dr. Serap Şirvancı
15:40-16:30	Extraembryonic membranes	Dr. Serap Şirvancı
16:40-17:30	Extraembryonic membranes	Dr. Serap Şirvancı
Friday	08 March	
08:40-09:30	ICS-1 Research: Data input in SPSS - Groups 1, 5, 9, 13, 17	Dr. İlke Çetin Akçay
09:40-10:30		
10:40-11:30	ICS-1 Research: Data input in SPSS - Groups 2, 6, 10, 14	Dr. İlke Çetin Akçay
11:40-12:30		

13:40-14:30	Embryonic induction	Dr. Serap Şirvancı
14:40-15:30	Congenital malformations	Dr. Serap Şirvancı
15:40-16:30	Congenital malformations	Dr. Serap Şirvancı
16:40-17:30	STUDY TIME	
Week -7 (11 March- 15 March 2018)		
Monday	11 March	
08:40-09:30	TFMS101 – Turkish for Medical Students-I (Foreign Students)	Inst. Şerife Çelebi Sökmez Inst. Nevber İstillozlu
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Ayfer Cıvisilli Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	MDCN-181-Forensic Sciences MDCN-182-Art and Craft for Medicine Students	Inst. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30		
Tuesday	12 March	
08:40-09:30	Normal distribution and composition of body fluids	Dr. Yaşar İnci Alican
09:40-10:30	Physiological properties of the smooth muscle	Dr. Yaşar İnci Alican
10:40-11:30	Smooth muscle contraction	Dr. Hülya Cabadak
11:40-12:30	Homeostasis among organ systems: Cross talking	Dr. Saime Batirel
13:40-14:30	Biochemistry of adipose tissue	Dr. Saime Batirel
14:40-15:30	Biochemistry of adipose tissue	Dr. Saime Batirel
15:40-16:30	Physiology of body defense system	Dr. Hızır Kurtel
16:40-17:30	Physiology of body defense system	Dr. Hızır Kurtel
Wednesday	13 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	PBL Module -4	Dr. Masoud Afshani Dr. İlke Akçay Inst. Duygu Gençalp Inst. Hüseyin Bıyıkoğlu Inst. Naife Sevdalı
11:40-12:30		
13:40-14:30	ICS-1 Research: Data input in SPSS - Groups 3, 7, 11, 15	Dr. İlke Akçay
14:40-15:30		
15:40-16:30	ICS-1 Research: Data input in SPSS - Groups 4, 8, 12, 16	Dr. İlke Akçay
16:40-17:30		
Thursday	14 March	
08:40-09:30	14 MARCH MEDICINE DAY	
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	15 March	
08:40-09:30	Genomic organization and rearrangement of immunoglobulin genes	Dr. Şükrü Tüzmen
09:40-10:30	STUDY TIME	
10:40-11:30	Introduction to immunology	Dr. Tunç Akkoç
11:40-12:30	Cells and organs involved in immune responses	Dr. Tunç Akkoç
13:40-14:30	Biochemical aspects of immunoglobulins	Dr. Önder Şirikçi
14:40-15:30	Biochemical aspects of immunoglobulins	Dr. Önder Şirikçi
15:40-16:30	Biochemical aspect of cytokines	Dr. Ergül Mutlu Altundağ
16:40-17:30	Biochemical aspect of cytokines	Dr. Ergül Mutlu Altundağ
Week -8 (18 March- 22 March 2018)		
Monday	18 March	
08:40-09:30	PRACTICAL 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		
Tuesday	19 March	
08:40-09:30	PRACTICAL 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		
Wednesday	20 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	21 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	
Friday	22 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		