

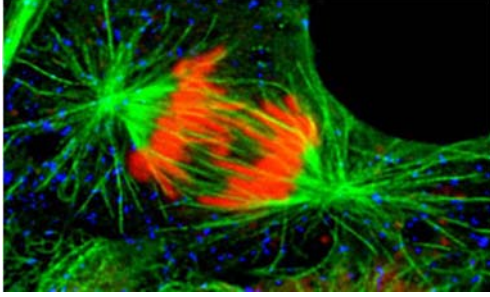


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 MARMARA UNIVERSITY Tıp Fakültesi EASTERN MEDITERRANEAN UNIVERSITY INTERNATIONAL MEDICAL SCHOOL 	
	
INTRODUCTION TO CELL AND CELLULAR REPLICATION YEAR 1 COURSE 1 October 02nd , 2023 – November 23rd , 2023	
Year 1 Coordinators Prof. Mustafa AKKİPRİK & Prof. Dilek AKAKIN & Assoc. Prof. Ergül MUTLU ALTUNDAĞ	
PBL Module Coordinator Prof. Rezzan Gülhan Assoc. Prof. Nilüfer GÜZOĞLU	Coordinator of Multidisciplinary Students' Lab. Prof. Betül YILMAZ Assoc. Prof. Ergül MUTLU ALTUNDAĞ
Coordinator of Clinical Skill Lab. Prof. Pemra ÜNALAN Assist. Prof. Bülent SEZGİN	Coordinator of ICS Res. Lab. Prof. Pemra ÜNALAN Assist. Prof. İlke AKÇAY
Vice-Chief Coordinators	
Assessment 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. Harika ALPAY
Coordinator of the Joint Program Prof. Süleyman Ümit ŞEHİRLİ	
Dean (EMU) (a) Assist. Prof. İlke AKÇAY	Dean (MU) Prof. Süleyman Ümit ŞEHİRLİ

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LEARNING OUTOMES / COMPETENCIES

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

PHASE-1 LEARNING OBJECTIVES

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

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

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

Year 1, Course 2: Cellular Metabolism and Transport

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

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

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

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

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

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

Year 3, Course 3: Nervous System and Related Disorders

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

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

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INTRODUCTION TO CELL AND CELLULAR REPLICATION	
AIM and LEARNING OBJECTIVES of COURSE Aim: At the end of this committee, first year students will gain knowledge about structure, function and mechanisms in human biology at the molecular and cellular levels with a specific emphasis on cellular replication and genetics. Learning Objectives: At the end of this committee, students will, <ul style="list-style-type: none">• Identify and describe the development, structure and function of cell and its subcomponents• Evaluate the biochemical process of the cell• Understand cell division process and related mechanisms• Describe the genetics mechanisms and protein biosynthesis• Understand genetic variation in individuals• Describe the molecular mechanisms of genetic inheritance and genetic basis of inherited disease• 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 & MODULE-1	
<ul style="list-style-type: none">• Biochemistry• Biophysics• Biostatistics• Chemistry• Histology & Embryology	<ul style="list-style-type: none">• Medical Biology• Medical Genetics• Medical History and Ethics• Pediatrics
LECTURERS / TUTORS	
Adil Şeytanoğlu, Assist. Prof., Molecular Biology and Genetics Ayşe Mine Yılmaz, Inst., Medical Biochemistry Betül Yılmaz, Prof., Biochemistry Bilgen Bilge Geçkinli, Assoc. Prof., Medical Genetics Bülent Sezgin, Assist. Prof., Internal Medicine Can Erzik Assist. Prof., Medical Biology Cevdet Nacar, Assist. Prof., Biophysics Ergül Mutlu Altundağ, Assoc., Prof., Medical Biochemistry Fatih Eren, Prof., Medical Biology Feriha Ercan, Prof., Histology and Embryology Huriye İcil, Prof., Chemistry Gökçe Güllü Amuran., Assist. Prof. Medical Biology Gürkan Sert, Assoc. Prof., Medical Ethics Hatice Boracı, Dr.Inst., PBL İlke Akçay, Assist. Prof., Biostatistics İrem Peker Eyüboğlu Assist. Prof., Medical Biology Masoud Afshani, Assist. Prof., Histology and Embryology	Mustafa Akkiprik, Prof., Medical Biology Önder Şirikçi, Prof., Medical Biochemistry Pınar Mega Tiber, Assoc. Professor of Biophysics Pemra Cöbek Ünalın Prof., Family Medicine Serap Şirvancı, Prof., Histology and Embryology Turgay Bülent Göktürk, Assist. Professor of Atatürk's Principles and History of Modern Turkey Yelda Çubukçu, Sr. Inst., Turkish Language
READING / STUDYING MATERIALS	
<ul style="list-style-type: none">• Basic Histology, Junqueira, Corneiro, 8th Ed., Lange• Başlangıcından Rönesansa Kadar Tıp Tarihi, Emine Atabek, Şefik Görkey	

Last updated on 13 November, 2023

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- Biochemistry, Stryer, 4th Ed., Freeman
- Biochemistry, Zubay, 3rd Ed., WCB
- Color Textbook of Histology, Gatrner, Hiatt, WB Saunders
- Harper's Biochemistry, Murray, Granner, 23rd Ed., Lange
- Histology: A Text and Atlas, Ross, Romwell, 3rd, Lippincott
- History of Medicine Ders Notları, Şefik Görkey
- Leninger Principles of Biochemistry, Nelson, Cox, 3rd, Worth
- Medicine: An Illustrated History, Albert S. Lyons, R. Joseph Petrucelli,
- Molecular Biology of the Cell, Alberts, Bray, 6rd Ed., Garland
- Physics, Giancoli, 4th Ed., Prentice Hall
- The Cell: A Molecular Approach, Cooper, 2nd Ed., ASM Press
- Türk Tıp Tarihi, Bedi Şeyhsuvaroğlu, Gönül Cantay.

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SUMMARY OF THE COURSE 1.1			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Biochemistry	25	8	33
Biophysics	5		5
Biostatistics	6		6
Chemistry	20		20
Histology and Embryology	7	4	11
Medical Biology	31		31
Medical Genetics	1		1
Medical History and Ethics	11		11
Subtotal	106	12	118
PBL Module	11		11
ICS-1: Introduction to Student Research and Computer Skills			
ICS-1: First aid			
ENGL131 - Medical English	12		12
HIST180 - Atatürk's Principles and the History of Turkish Renovation (for Turkish students)	10		10
TFMS101 – Turkish for Medical Students-I (Foreign Students)	24		24
Elective Courses MDCN181, MDCN182, MDCN125	10		10
TOTAL	173	12	185

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	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	LECTURE PLATFORM
1st Week (02 October – 06 October 2023)			
Monday	02 October		
08:40-09:30	Opening and White- Coat Ceremony Starts at 11:00 am		
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Introduction to the course	Dr. Ergül Mutlu Altundağ	IN CLASS
14:40-15:30	ICS-1: Intro to ICS	Dr. Serap Çiççili	IN CLASS
15:40-16:30	ICS-1: Program of ICS-1	Dr. Serap Çiççili Dr. İlke Akçay Dr. Bülent Sezgin	IN CLASS
16:40-17:30	STUDY TIME		
Tuesday	03 October		
08:40-09:30	Nucleic acids	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Origin of life	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
11:40-12:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
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	04 October		
08:40-09:30	ICS-1-First Aid: Head and Neck injuries and Seizures and Stroke	Dr. Amber Eker	IN CLASS

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09:40-10:30	ICS-1-First Aid: Head and Neck injuries and Seizures and Stroke	Dr. Amber Eker	IN CLASS
10:40-11:30	ICS-1-First Aid: Musculoskeletal Injuries	Dr. Bülent Sezgin	IN CLASS
11:40-12:30	ICS-1-First Aid: Musculoskeletal Injuries	Dr. Bülent Sezgin	IN CLASS
13:40-14:30	ICS-1 Research: Introduction to ICS-Research	Dr. İlke Akçay	IN CLASS
14:40-15:30	ICS-1 Research: Philosophy of Research and Scientific Approach	Dr. İlke Akçay	IN CLASS
15:40-16:30	ICS-1 Research: Global look to different research designs	Dr. İlke Akçay	IN CLASS
16:40-17:30	Molecular recognition process	Dr. Adil Şeytanoğlu	IN CLASS
Thursday	05 October		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	STUDY TIME		
11:40-12:30	Histotechniques	Dr. Serap Şirvancı	MS TEAMS
13:40-14:30	Cellular organisation of life	Dr. Adil Şeytanoğlu	IN CLASS
14:40-15:30	Nucleus and nuclear genome	Dr. Adil Şeytanoğlu	IN CLASS
15:40-16:30	Microscope	Dr. Masoud Afshani	IN CLASS
16:40-17:30	Microscope	Dr. Masoud Afshani	IN CLASS
Friday	06 October		
08:40-09:30	Structure of nucleic acids	Dr. Ergül Mutlu Altundağ	IN CLASS
09:40-10:30	DNA replication	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	DNA replication	Dr. Adil Şeytanoğlu	IN CLASS
11:40-12:30	RNA synthesis and processing	Dr. Adil Şeytanoğlu	IN CLASS
13:40-14:30	ICS-1-First Aid: Aims of First Aid, Primary Survey of the area and assessment of the victim	Dr. Bülent Sezgin	IN CLASS
14:40-15:30	ICS-1-First Aid: Aims of First Aid, Primary Survey of the area and assessment of the victim	Dr. Bülent Sezgin	IN CLASS

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15:40-16:30	ICS-1-First Aid: Bleeding	Dr. Nilüfer Güzoğlu	IN CLASS
16:40-17:30	ICS-1-First Aid: Bleeding	Dr. Nilüfer Güzoğlu	IN CLASS
2nd Week (09 October – 13 October 2023)			
Monday	09 October		
08:40-09:30	Turkish for Medical Students-I (Foreign Students)	Sr. Inst. Yelda Çubukçu	IN CLASS
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30			
15:40-16:30	What is statistics and biostatistics?	Dr. İlke Akçay	IN CLASS
16:40-17:30	Statistics in medical research	Dr. İlke Akçay	IN CLASS
Tuesday	10 October		
08:40-09:30	STUDY TIME		
09:40-10:30	Biomolecules and water	Dr. Önder Şirikçi	IN CLASS
10:40-11:30	Biomolecules and water	Dr. Önder Şirikçi	IN CLASS
11:40-12:30	Solubility, pH and buffers	Dr. Önder Şirikçi	IN CLASS
13:40-14:30	Solubility, pH and buffers	Dr. Önder Şirikçi	IN CLASS
14:40-15:30	Amino acids	Dr. Önder Şirikçi	IN CLASS
15:40-16:30	Amino acids	Dr. Önder Şirikçi	IN CLASS
16:40-17:30	Structure of carbohydrates	Dr. Önder Şirikçi	IN CLASS
17:40-18:30	Structure of carbohydrates	Dr. Önder Şirikçi	IN CLASS
Wednesday	11 October		
08:40-09:30	Y2C1 COMMITTEE EXAM		
09:40-10:30			
10:40-11:30			

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11:40-12:30			
13:40-14:30	ICS-1-First Aid: Burns	Dr. Nilüfer Güzoğlu	IN CLASS
14:40-15:30	ICS-1-First Aid: Poisoning, Bites	Dr. Nilüfer Güzoğlu	IN CLASS
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Thursday	12 October		
08:40-09:30	Y3C1 COMMITTEE EXAM		
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Protein synthesis	Dr. Fatih Eren	MS TEAMS
14:40-15:30	Protein synthesis	Dr. Fatih Eren	MS TEAMS
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Friday	13 October		
08:40-09:30	Cell cycle	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Mitosis	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	Introduction to biophysics	Dr. Pınar Mega Tiber	IN CLASS
11:40-12:30	Fundamentals of biomechanics	Dr. Pınar Mega Tiber	IN CLASS
13:40-14:30	Fundamentals of biomechanics	Dr. Pınar Mega Tiber	IN CLASS
14:40-15:30	Energy, heat, work and power of the body	Dr. Pınar Mega Tiber	IN CLASS
15:40-16:30	PBL Orientation	Dr. Nilüfer Güzoğlu	IN CLASS
16:40-17:30	PBL Orientation	Dr. Nilüfer Güzoğlu	IN CLASS
3rd Week (16 October – 20 October 2023)			
Monday	16 October		

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08:40-09:30	Turkish for Medical Students-I (Foreign Students)	Sr. Inst. Yelda Çubukçu	IN CLASS
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30			
15:40-16:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30			
Tuesday	17 October		
08:40-09:30	Designing research	Dr. İlke Akçay	IN CLASS
09:40-10:30	Types of data	Dr. İlke Akçay	IN CLASS
10:40-11:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
11:40-12:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
13:40-14:30	Protein structure and function-1	Dr. Betül Yılmaz	IN CLASS
14:40-15:30	Protein structure and function-1	Dr. Betül Yılmaz	IN CLASS
15:40-16:30	Protein structure and function-2	Dr. Betül Yılmaz	IN CLASS
16:40-17:30	Protein structure and function-2	Dr. Betül Yılmaz	IN CLASS
17:40-18:30	Enzymes: Introduction	Dr. Betül Yılmaz	IN CLASS
Wednesday	18 October		
08:40-09:30	ICS-1-First Aid: Cardiopulmonary Resuscitation and Choking (pediatric)	Dr. Nilüfer Güzoğlu	IN CLASS
09:40-10:30	ICS-1-First Aid: Cardiopulmonary Resuscitation and Choking (pediatric)	Dr. Nilüfer Güzoğlu	IN CLASS
10:40-11:30	ICS-1 Research: Literature Review	Dr. İlke Akçay	IN CLASS
11:40-12:30	ICS-1 Research: Literature Review	Dr. İlke Akçay	IN CLASS

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13:40-14:30	ICS-1 Research: Literature Review	Dr. İlke Akçay	IN CLASS
14:40-15:30	ICS-1-First Aid: CP Cardiopulmonary Resuscitation and Choking (adult)	Dr. Bülent Sezgin	IN CLASS
15:40-16:30	ICS-1-First Aid: CP Cardiopulmonary Resuscitation and Choking (adult)	Dr. Bülent Sezgin	IN CLASS
16:40-17:30	Introduction to organic chemistry	Dr. Huriye İcil	IN CLASS
Thursday	19 October		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	Cellular organelles and inclusions at LM and EM level	Dr. Masoud Afshani	IN CLASS
11:40-12:30	Cellular organelles and inclusions at LM and EM level	Dr. Masoud Afshani	IN CLASS
13:40-14:30	Histology LAB: Cell types - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
14:40-15:30	Histology LAB: Cell types - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
15:40-16:30	Histology LAB: Cell types - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.
16:40-17:30	Histology LAB: Cell types - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.
Friday	20 October		
08:40-09:30	Genes and heredity	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Cell division kinetics	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	Nucleus and cell division	Dr. Feriha Ercan	MS TEAMS
11:40-12:30	Nucleus and cell division	Dr. Feriha Ercan	MS TEAMS
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		

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4 th Week (23 October – 27 October 2023)			
Monday	23 October		
08:40-09:30	Turkish for Medical Students-I (Foreign Students)	Sr. Inst. Yelda Çubukçu	IN CLASS
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30			
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Tuesday	24 October		
08:40-09:30	Cellular organisation of life	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Meiosis	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
11:40-12:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
13:40-14:30	Histology LAB: Cell division - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
14:40-15:30	Histology LAB: Cell division - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
15:40-16:30	Histology LAB: Cell division - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.
16:40-17:30	Histology LAB: Cell division - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.
Wednesday	25 October		
08:40-09:30	ICS-1-First Aid: CP Cardiopulmonary Resuscitation and Choking (adult)	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Zehra Boracı	ICP LAB
09:40-10:30	ICS-1-First Aid: CP Cardiopulmonary Resuscitation and Choking (adult)		

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10:40-11:30	ICS-1-First Aid: Cardiopulmonary Resuscitation and Choking (pediatric)		
11:40-12:30	ICS-1-First Aid: Cardiopulmonary Resuscitation and Choking (pediatric)		
13:40-14:30	Structure of lipids	Dr. Goncagül Haklar	MS TEAMS
14:40-15:30	Structure of lipids	Dr. Goncagül Haklar	MS TEAMS
15:40-16:30	Cytogenetics	Dr. Bilgen Bilge Geçkinli	MS TEAMS
16:40-17:30	STUDY TIME		
Thursday	26 October		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	Enzymes: Mechanism of action	Dr. Ayşe Mine Yılmaz	MS TEAMS
11:40-12:30	Enzymes: Mechanism of action	Dr. Ayşe Mine Yılmaz	MS TEAMS
13:40-14:30	STUDY TIME		
14:40-15:30	Chemical compounds	Dr. Huriye İcil	IN CLASS
15:40-16:30	Atoms and atomic theory, atomic properties and periodic table	Dr. Huriye İcil	IN CLASS
16:40-17:30	Chemical bonds: ionic and covalent	Dr. Huriye İcil	IN CLASS
Friday	27 October		
08:40-09:30	Introduction to human genetics	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Factors affecting single-gene inheritance patterns	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	Molecular transmission of genetic information	Dr. Ergül Mutlu Altundağ	IN CLASS
11:40-12:30	Molecular transmission of genetic information	Dr. Ergül Mutlu Altundağ	IN CLASS
13:40-14:30	PBL-1	Dr. Ergül Mutlu Altundağ Dr. Nilüfer Güzoğlu	IN CLASS
14:40-15:30	PBL-1	Dr. Amber Eker Dr. Özge Eker Inst. Namık Kerküklü	
15:40-16:30	STUDY TIME		

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16:40-17:30	STUDY TIME		
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		5 th Week (30 October – 03 November 2023)		
Cyprus Local Time	Turkey Local Time			
Monday		30 October		
08:40-09:30	09:40-10:30	Turkish for Medical Students-I (Foreign Students)	Sr. Inst. Yelda Çubukçu	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		31 October		
08:40-09:30	09:40-10:30	Genetic variation in populations	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	10:40-11:30	Mutations and polymorphisms	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	11:40-12:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
11:40-12:30	12:40-13:30	Atatürk's Principles and History of Modern Turkey	Dr. Turgay Bülent Göktürk	MS TEAMS
13:40-14:30	14:40-15:30	PBL-2	Dr. Ergül Mutlu Altundağ Dr. Eren Sakallı Dr. Amber Eker Dr. Özge Eker Inst. Namık Kerküklü	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Chemical reactions and equilibrium	Dr. Huriye İcil	IN CLASS
16:40-17:30	17:40-18:30	Chemical reactions and equilibrium	Dr. Huriye İcil	IN CLASS
Wednesday		01 November		

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08:40-09:30	09:40-10:30	ICS-1 Research: Announcement of Research Groups and mentors	Dr. İlke Akçay	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 Research: Group Warm-up activities	Dr. İlke Akçay	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 Research: Group Warm-up activities	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	EMUMSA Presentation		
13:40-14:30	14:40-15:30	Enzymes: Introduction	Dr. Betül Yılmaz	MS TEAMS
14:40-15:30	15:40-16:30	Enzymes: Regulation	Dr. Betül Yılmaz	MS TEAMS
15:40-16:30	16:40-17:30	Enzymes: Regulation	Dr. Betül Yılmaz	MS TEAMS
16:40-17:30	17:40-18:30	Acids and bases	Dr. Huriye İcil	IN CLASS
17:40-18:30	18:40-19:30	Acids and bases	Dr. Huriye İcil	IN CLASS
Thursday		02 November		
08:40-09:30	09:40-10:30	Chemical kinetics and reaction mechanism	Dr. Huriye İcil	IN CLASS
09:40-10:30	10:40-11:30	Chemical kinetics and reaction mechanism	Dr. Huriye İcil	IN CLASS
10:40-11:30	11:40-12:30	Describing the data with graphics	Dr. İlke Akçay	IN CLASS
11:40-12:30	12:40-13:30	Describing the data with numbers	Dr. İlke Akçay	IN CLASS
13:40-14:30	14:40-15:30	Recombination	Dr. Can Erzik	MS TEAMS
14:40-15:30	15:40-16:30	Regulation of gene expression	Dr. İrem Peker Eyüboğlu	MS TEAMS
15:40-16:30	16:40-17:30	Regulation of gene expression	Dr. İrem Peker Eyüboğlu	MS TEAMS
16:40-17:30	17:40-18:30	Information content of DNA	Dr. Cevdet Nacar	MS TEAMS
Friday		03 November		
08:40-09:30	09:40-10:30	Viruses, plasmids, transposable genetic elements	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	10:40-11:30	DNA Repair	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	11:40-12:30	Posttranscriptional and posttranslational modifications	Dr. Ergül Mutlu Altundağ	IN CLASS
11:40-12:30	12:40-13:30	Posttranscriptional and posttranslational modifications	Dr. Ergül Mutlu Altundağ	IN CLASS

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13:40-14:30	14:40-15:30	PBL-3	Dr. Ergül Mutlu Altundağ Dr. Nilüfer Güzoğlu Dr. Amber Eker	IN CLASS
14:40-15:30	15:40-16:30	PBL-3	Dr. Özge Eker Inst. Namık Kerküklü	
15:40-16:30	16:40-17:30	Thermochemistry (chemical energetics)	Dr. Huriye İcil	IN CLASS
16:40-17:30	17:40-18:30	Thermochemistry (chemical energetics)	Dr. Huriye İcil	IN CLASS
6th Week (06 November – 10 November 2023)				
Cyprus Local Time	Turkey Local Time			
Monday		06 November		
08:40-09:30	09:40-10:30	Turkish for Medical Students-I (Foreign Students)	Sr. Inst. Yelda Çubukçu	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenc Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		07 November		
08:40-09:30	09:40-10:30	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
		Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
09:40-10:30	10:40-11:30	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
		Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
10:40-11:30	11:40-12:30	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
		Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.

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11:40-12:30	12:40-13:30	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
		Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
13:40-14:30	14:40-15:30	Detection of nucleic acids	Dr. Gökçe Güllü Amuran	MS TEAMS
14:40-15:30	15:40-16:30	Tools of cell biology	Dr. Gökçe Güllü Amuran	MS TEAMS
15:40-16:30	16:40-17:30	PBL-4	Dr. Ergül Mutlu Altundağ Dr. Nilüfer Güzoğlu Dr. Amber Eker	IN CLASS
16:40-17:30	17:40-18:30	PBL-4	Dr. Özge Eker Inst. Namık Kerküklü	
Wednesday		08 November		
08:40-09:30	09:40-10:30	ICS-1: CSL Activity hand washing and sterile glove wearing	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Zehra Boracı	ICP LAB
09:40-10:30	10:40-11:30	ICS-1: CSL Activity hand washing and sterile glove wearing		
10:40-11:30	11:40-12:30	ICS-1: CSL Activity hand washing and sterile glove wearing		
11:40-12:30	12:40-13:30	ICS-1: CSL Activity hand washing and sterile glove wearing		
13:40-14:30	14:40-15:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
14:40-15:30	15:40-16:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
15:40-16:30	16:40-17:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
16:40-17:30	17:40-18:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
Thursday		09 November		
08:40-09:30	09:40-10:30	Solubility and complex ion equilibrium	Dr. Huriye İcil	IN CLASS
09:40-10:30	10:40-11:30	Solubility and complex ion equilibrium	Dr. Huriye İcil	IN CLASS

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10:40-11:30	11:40-12:30	Electrochemistry: oxidation and reduction	Dr. Huriye İcil	IN CLASS
11:40-12:30	12:40-13:30	Electrochemistry: oxidation and reduction	Dr. Huriye İcil	IN CLASS
13:40-14:30	14:40-15:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
14:40-15:30	15:40-16:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
15:40-16:30	16:40-17:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
16:40-17:30	17:40-18:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
Friday		10 November		
08:40-09:30	09:40-10:30	10 NOVEMBER ATATURK COMMEMORATION DAY		
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	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
14:40-15:30	15:40-16:30	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
15:40-16:30	16:40-17:30	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
16:40-17:30	17:40-18:30	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
7th Week (13 November – 17 November 2023)				
Cyprus Local Time	Turkey Local Time			
Monday		13 November		
08:40-09:30	09:40-10:30	Turkish for Medical Students-I (Foreign Students)	Sr. Inst. Yelda Çubukçu	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			

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13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenc Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Mustafa Batıbeniz Inst. Deren Çeker	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		14 November		
08:40-09:30	09:40-10:30	Chromosome structure, function and anomalies	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	10:40-11:30	Multifactorial inheritance	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	11:40-12:30	Structure of proteins	Dr. Huriye İcil	IN CLASS
11:40-12:30	12:40-13:30	High energy compounds	Dr. Huriye İcil	IN CLASS
13:40-14:30	14:40-15:30	Cell death and molecular mechanisms	Dr. Mustafa Akkiprik	MS TEAMS
14:40-15:30	15:40-16:30	Molecular basis of disease	Dr. Mustafa Akkiprik	MS TEAMS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	Atatürk's Principles and History of Modern Turkey Exam	Dr. Turgay Bülent Göktürk	IN CLASS
Wednesday		15 November		
08:40-09:30	09:40-10:30	THE REPUBLIC DAY OF TRNC		
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			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
Thursday		16 November		
08:40-09:30	09:40-10:30	Mechanism of signal transduction	Dr. Ergül Mutlu	IN CLASS

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			Altundağ	
09:40-10:30	10:40-11:30	Mechanism of signal transduction	Dr. Ergül Mutlu Altundağ	IN CLASS
10:40-11:30	11:40-12:30	Introduction to history of medicine	Dr. Gürkan Sert	IN CLASS
11:40-12:30	12:40-13:30	Turning points in History of Medicine	Dr. Gürkan Sert	IN CLASS
13:40-14:30	14:40-15:30	Turning points in History of Medicine	Dr. Gürkan Sert	IN CLASS
14:40-15:30	15:40-16:30	History of Medicine in Seljukid and Ottoman Ages	Dr. Gürkan Sert	IN CLASS
15:40-16:30	16:40-17:30	History of Medicine in Turkish Republic	Dr. Gürkan Sert	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		17 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	History of Physiology	Dr. Gürkan Sert	IN CLASS
10:40-11:30	11:40-12:30	History of Anatomy	Dr. Gürkan Sert	IN CLASS
11:40-12:30	12:40-13:30	History of surgery	Dr. Gürkan Sert	IN CLASS
13:40-14:30	14:40-15:30	Evolution of the concept of infection	Dr. Gürkan Sert	IN CLASS
14:40-15:30	15:40-16:30	History of human experimentation	Dr. Gürkan Sert	IN CLASS
15:40-16:30	16:40-17:30	History of medical professionalism	Dr. Gürkan Sert	IN CLASS
16:40-17:30	17:40-18:30	Structure of lipids	Dr. Huriye İcil	IN CLASS
17:40-18:30	18:40-19:30	Structure of carbohydrates	Dr. Huriye İcil	IN CLASS
8th Week (20 November – 24 November 2023)				
Cyprus Local Time	Turkey Local Time			
Monday		20 November		
08:40-09:30	09:40-10:30	PRACTICAL EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			

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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		
16:40-17:30	17:40-18:30	STUDY TIME		
Tuesday		21 November		
08:40-09:30	09:40-10:30	PRACTICAL EXAM		
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	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		22 November		
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		
11:40-12:30	12:40-13:30	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		
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		23 November		
08:40-09:30	09:40-10:30	Y1C1 COMMITTEE EXAM		

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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	Committee Exam Feedback Session	Dr. Ergül Mutlu Altundağ Dr. Halil Eren Sakallı	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
Friday		24 November		
08:40-09:30	09:40-10:30			
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			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			