



Tıp Fakültesi

MARMARA UNIVERSITY
EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL



HEMATOPOIETIC SYSTEM AND RELATED DISORDERS
YEAR 2 COURSE 3
December 20th, 2021 – February 18th, 2022

Year 2 Coordinators

Prof., Özgür Kasımay ÇAKIR & Assist. Prof., Burak AKSU & Assoc. Prof., Mümtaz GÜRAN

Module Coordinators

Prof., Rezzan GÜLHAN & Assist. Prof., Bülent SEZGİN

Coordinators of Multidisciplinary Students' Lab.

Assoc. Prof., Betül KARADEMİR & Assist. Prof., Ergül Mutlu ALTUNDAĞ

Coordinators of Clinical Skill Lab.

Prof., Pemra ÜNALAN & Assoc. Prof. Nilüfer GÜZOĞLU

Coordinators of ICS Res. Lab.

Prof., Pemra ÜNALAN & Assist. Prof., İlke AKÇAY

Vice-Chief Coordinators

Assessment

Assist. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI

Students' Affairs

Asist. Prof., Can ERZİK
Inst. Ayşen Şekerim

Chief Coordinators

Assoc. Prof., Hasan YANANLI & Assist. Prof., Masoud AFSHANI

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

Prof., Harika Alpay

Coordinator of the Joint Program

Prof., Ümit Şehirli

Dean (EMU)

Prof., Nahide GÖKÇORA

Dean-A (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 health care
 - 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 Health and Related Disorders

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

HEMATOPOIETIC SYSTEM AND RELATED DISORDERS

AIM and LEARNING OBJECTIVES of COURSE

Aim: At the end of this committee, second year students will gain knowledge about the development, structure and physiology of the hematopoietic system and pathogenesis of the disorders related to system. They will also gain knowledge about the signs and symptoms of hematopoietic disorders, related risk factors, prevention, diagnosis, and principles of treatment.

Learning Objectives: At the end of this committee, second year students will,

1. understand the development and histology of the lymphoid organs and blood
2. identify the structure and function of the hematopoietic system
3. define the pathologic processes in hematological disorders
4. gain knowledge about microorganisms affect the hematopoietic system and their pathogenesis in infectious process
5. gain knowledge about the risk groups, risk factors related to hematological disorders and preventive measures
6. gain knowledge about the signs and symptoms of these disorders
7. gain knowledge about the approach to diagnosis, and principles of treatment in hematological disorders
8. define the pharmacotherapy of hematological disorders
9. acquire skills necessary to perform experimental applications.

ASSESSMENT SYSTEM

Module examination: Written exam at the end of the course and performance during the module

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-2.3

- Anatomy
- Biochemistry
- Family Medicine
- Histology and Embryology
- Internal Medicine
- Medical Biology

- Medical Genetics
- Microbiology
- Pathology
- Pharmacology
- Physiology
- Public Health

LECTURERS / TUTORS

Ahmet TOPUZOĞLU, Assoc. Professor of Public Health
Alper YILDIRIM, Assoc. Professor of Physiology
Arzu İLKİ, Professor of Medical Microbiology
Asu Fergün YILMAZ, Instructor of Internal Medicine
Berfu Çerçi ÖNGÜN, Instructor of Anatomy
Betül KARADEMİR, Professor of Biochemistry
Bülent SEZGİN, Assist. Professor of Internal Medicine
Burak AKSU, Asisst. Professor of Microbiology
Can Erzik, Asisst. Professor of Medical Biology
Cemal GÜRKAN, Instructor of Forensic Sciences
Deren ÇEKER, Instructor of Medical Anthropology
Dilek AKAKIN, Assoc. Professor of Histology and Embryology
Dilek Yağcı ÇAĞLAYIK, Instructor of Infectious Diseases
Emine ÖZERİNÇ, Instructor of Turkish Language
Eren SAKALLI, Assist. Professor of Pharmacology
Ergül MUTLU ALTUNDAĞ, Assist. Professor of Biochemistry
Ethem GELİR, Professor of Physiology
Goncagül HAKLAR, Professor of Biochemistry
Güner SÖYLEDİR, Professor of Microbiology
Gürkan SERT, Assoc. Professor of Medical Ethics
Hızır KURTEL, Professor of Physiology
Hülya AKAN, Professor of Family Medicine
Hüseyin Kemal TÜRKÖZ, Professor of Medical Pathology
Lütfiye Mülazımoğlu DURMUŞOĞLU, Professor of Infectious Diseases
Masoud AFSHANI, Assist. Professor of Histology and Embryology
Mehmet AKMAN Assoc. Professor of Family Medicine
Mümtaz GÜRAN, Assoc. Professor of Microbiology
Nilgün ÇERİKÇİOĞLU, Professor of Microbiology

Nurtane KARAGİL, Instructor of Arts and Crafts
Nurver ÜLGER, Professor of Microbiology
Özgür Kasımay ÇAKIR, Assoc. Professor of Physiology
Özlem Tuğçe KAYA, Assoc. Professor of Histology and Embryology
Pınar ATA, Assoc. Professor of Medical Genetics
Saime BATIREL, Assist. Professor of Biochemistry
Süheyla BOZKURT, Professor of Medical Pathology
Tayfur TOPTAŞ, Assist. Professor of Internal medicine
Tülin TUĞLULAR, Professor of Internal Medicine
Ufuk HASDEMİR, Professor of Medical Microbiology
Uluhan SİLİ, Assist. Professor of Infectious Diseases
Ümit ŞEHİRLİ, Professor of Anatomy
Volkan KORTEN, Professor of Infectious Diseases

SUMMARY OF THE COURSE 2.3			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	2	1	3
Biochemistry	11	4	15
Family Medicine	1		1
Histology & Embryology	6	2	8
Infectious Diseases	4		4
Internal Medicine	27		27
Medical Biology	2		2
Medical Genetics	2		2
Microbiology	9	2	11
Pathology	5	1	6
Pharmacology	5		5
Physiology	5	3	8
Public Health	2		2
Subtotal	81	13	94
PBL Module	8		8
ICS-2 HIM- Arts and Humanities	12		12
ICS-2 HIM- Social Concept in Medicine	4		4
ICS-2 HIM- Ethics	12		12
ICS-2 Basic Clinical Skills-Polyclinic visit Experience	1	3	4
Turkish For Medical Students-III	20		20
Turkish For Medical Students-III (Interactive Session)	21		21
Elective Course-II MDCN181 MDCN182 MDCN125	10		10
TOTAL	169	16	185

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		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	
1st WEEK (20– 24 December 2021)				
Cyprus Local Time	Turkey Local Time	Calendar Days	Instructor Name	Lecture Platform
Monday		20 December		
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	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
		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	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
		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
Tuesday		21 December		
07:40-08:30	08:40-09:30	STUDY TIME		
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	Introduction to course	Dr. Mümtaz Güran	MS TEAMS
12:40-13:30	13:40-14:30	Constituents of blood	Dr. Ergül Mutlu Altundağ	MS TEAMS
13:40-14:30	14:40-15:30	Introduction to hematology, stem cell, and hematopoiesis	Dr. Tülin Tuğlular	MS TEAMS

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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 December		
07:40-08:30	08:40-09:30	Anatomy of the lymphoid organs	Dr. Ümit Süleyman Şehirli	UZEM
08:40-09:30	09:40-10:30	Lymphoid circulation	Dr. Ümit Süleyman Şehirli	UZEM
09:40-10:30	10:40-11:30	Lymphoid organs	Dr. Dilek Akakın	UZEM
10:40-11:30	11:40-12:30	Lymphoid organs	Dr. Dilek Akakın	UZEM
12:40-13:30	13:40-14:30	White and red blood cells	Dr. Özgür Kasımay Çakır	IN CLASS
13:40-14:30	14:40-15:30	White and red blood cells	Dr. Özgür Kasımay Çakır	IN CLASS
14:40-15:30	15:40-16:30	Blood groups	Dr. Özgür Kasımay Çakır	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		23 December		
08:40-09:30	09:40-10:30	Physiology LAB: Blood Physiology-Group A	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
09:40-10:30	10:40-11:30	Physiology LAB: Blood Physiology-Group A	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
10:40-11:30	11:40-12:30	Physiology LAB: Blood Physiology-Group A	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
12:40-13:30	13:40-14:30	Physiology LAB: Blood Physiology-Group B	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
13:40-14:30	14:40-15:30	Physiology LAB: Blood Physiology-Group B	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
14:40-15:30	15:40-16:30	Physiology LAB: Blood Physiology-Group B	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım Dr. Ethem Gelir	IN CLASS
15:40-16:30	16:40-17:30	STUDY TIME		

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Friday		24 December		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Anatomy LAB: Anatomy of lymphoid organs-Group A	Dr. Berfu Çerçi Öngün	IN CLASS
10:40-11:30	11:40-12:30	Anatomy LAB: Anatomy of lymphoid organs-Group B	Dr. Berfu Çerçi Öngün	IN CLASS
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	Histology of blood	Dr. Özlem Tuğçe Kaya	MS TEAMS
16:40-17:30	17:40-18:30	Histology of blood	Dr. Özlem Tuğçe Kaya	MS TEAMS
2 nd Week (27 – 31 December 2021)				
Cyprus Local Time	Turkey Local Time	Calendar Days	Instructor Name	Lecture Platform
Monday		27 December		
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	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
		Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
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
		Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
16:40-17:30	17:40-18:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft)	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Deren Çeker	IN CLASS

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		(MDCN-125-Medical Anthropology)		
Tuesday		28 December		
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: Blood and Lymphoid organs-Group A	Dr. Masoud Afshani	IN CLASS
11:40-12:30	12:40-13:30	Histology LAB: Blood and Lymphoid organs-Group A	Dr. Masoud Afshani	IN CLASS
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	IN CLASS
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	IN CLASS
16:40-17:30	17:40-18:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	IN CLASS
Wednesday		29 December		
08:40-09:30	09:40-10:30	Histology LAB: Blood and Lymphoid organs-Group B	Dr. Masoud Afshani	IN CLASS
09:40-10:30	10:40-11:30	Histology LAB: Blood and Lymphoid organs-Group B	Dr. Masoud Afshani	IN CLASS
10:40-11:30	11:40-12:30	Structure and function of hemoglobin	Dr. Betül Yılmaz	IN CLASS
11:40-12:30	12:40-13:30	Structure and function of hemoglobin	Dr. Betül Yılmaz	IN CLASS
13:40-14:30	14:40-15:30	ICS-2 Research: Meeting with mentor*	* Research groups are expected to meet their mentors during these hours. If the mentor's schedule is not available, another suitable time can be arranged.	
14:40-15:30	15:40-16:30	Structure and function of white blood cells	Dr. Ergül Mutlu Altundağ	IN CLASS
15:40-16:30	16:40-17:30	Structure and function of white blood cells	Dr. Ergül Mutlu Altundağ	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
17:40-18:30	18:40-19:30	STUDY TIME		

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Thursday		30 December		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Biochemistry of blood coagulation and fibrinolysis	Dr. Goncagül Haklar	UZEM
10:40-11:30	11:40-12:30	Biochemistry of blood coagulation and fibrinolysis	Dr. Goncagül Haklar	UZEM
12:40-13:30	13:40-14:30	Pathology of bone marrow	Dr. Hüseyin Kemal Türköz	UZEM
13:40-14:30	14:40-15:30	Pathology of bone marrow	Dr. Hüseyin Kemal Türköz	UZEM
14:40-15:30	15:40-16:30	Development of lymphoid organs	Dr. Masoud Afshani	MS TEAMS
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		31 December		
07:40-08:30	08:40-09:30	STUDY TIME		
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	NEW YEAR'S EVE		
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			
3rd Week (03 – 07 January 2022)				
Cyprus Local Time	Turkey Local Time	Calendar Days	Instructor Name	Lecture Platform
Monday		03 January		
08:40-09:30	09:40-10:30	ICS-2 Research: Critics with groups about study proposal revisions (Gr1 & Gr2)	Dr. İlke Akçay	MS TEAMS
09:40-10:30	10:40-11:30	ICS-2 Research: Critics with groups about study proposal revisions (Gr3 & Gr4)	Dr. İlke Akçay	MS TEAMS

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10:40-11:30	11:40-12:30	ICS-2 Research: Critics with groups about study proposal revisions (Gr5 & Gr6)	Dr. İlke Akçay	MS TEAMS
11:40-12:30	12:40-13:30	ICS-2 Research: Critics with groups about study proposal revisions (Gr7 & Gr8)	Dr. İlke Akçay	MS TEAMS
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
		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	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
		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
Tuesday		04 January		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Structure and function of erythrocytes	Dr. Saime Batirel	IN CLASS
10:40-11:30	11:40-12:30	Structure and function of erythrocytes	Dr. Saime Batirel	IN CLASS
11:40-12:30	12:40-13:30	STUDY TIME		
13:40-14:30	14:40-15:30	Megaloblastic anemias	Dr. Asu Fergün Yılmaz	MS TEAMS
14:40-15:30	15:40-16:30	Immune hemolytic anemias	Dr. Asu Fergün Yılmaz	MS TEAMS
15:40-16:30	16:40-17:30	Non-immune acquired hemolytic anemias	Dr. Asu Fergün Yılmaz	MS TEAMS
16:40-17:30	17:40-18:30	Transfusion medicine: Blood components	Dr. Asu Fergün Yılmaz	MS TEAMS
Wednesday		05 January		
08:40-09:30	09:40-10:30	Multiple myeloma and other paraproteinemias	Dr. Asu Fergün Yılmaz	MS TEAMS
09:40-10:30	10:40-11:30	Blood transfusion indications and complications	Dr. Asu Fergün Yılmaz	MS TEAMS
10:40-11:30	11:40-12:30	Biochemical aspect of anemia	Dr. Saime Batirel	MS TEAMS

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11:40-12:30	12:40-13:30	Biochemical aspect of anemia	Dr. Saime Batirel	MS TEAMS
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	PBL-1	Dr. Bülent Sezgin Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Didem Rıfki Dr. Halil Eren Sakallı Dr. Mümtaz Güran	MS TEAMS
16:40-17:30	17:40-18:30	PBL-1		
Thursday		06 January		
08:40-09:30	09:40-10:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
09:40-10:30	10:40-11:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
10:40-11:30	11:40-12:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
11:40-12:30	12:40-13:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
13:40-14:30	14:40-15:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
14:40-15:30	15:40-16:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
15:40-16:30	16:40-17:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
16:40-17:30	17:40-18:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
Friday		07 January		
07:40-08:30	08:40-09:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
08:40-09:30	09:40-10:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
09:40-10:30	10:40-11:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS
10:40-11:30	11:40-12:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman Dr. Bülent Sezgin	MS TEAMS

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12:40-13:30	13:40-14:30	ICS-2 Research: Meeting with mentor*	* Research groups are expected to meet their mentors during these hours. If the mentor's schedule is not available, another suitable time can be arranged.	
13:40-14:30	14:40-15:30	(Case) An adult patient with lymphadenopathies	Dr. Mehmet Akman	MS TEAMS
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	PBL-2	Dr. Bülent Sezgin Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Didem Rıfki Dr. Halil Eren Sakallı Dr. Mümtaz Güran	MS TEAMS
16:40-17:30	17:40-18:30	PBL-2		
Sunday		09 January		
12:00-16:00	13:00-17:00	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
4th Week (10 – 14 January, 2022)				
Cyprus Local Time	Turkey Local Time	Calendar Days	Instructor Name	Lecture Platform
Monday		10 January		
07:40-08:30	08:40-09:30	STUDY TIME		
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		
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
		Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Deren Çeker	MS TEAMS
16:40-17:30	17:40-18:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS

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		Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Deren Çeker	MS TEAMS
Tuesday		11 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	Iron metabolism and iron deficiencies	Dr. Asu Fergün Yılmaz	MS TEAMS
09:40-10:30	10:40-11:30	Classification and clinical approach to anemia	Dr. Asu Fergün Yılmaz	MS TEAMS
10:40-11:30	11:40-12:30	Hematopoiesis	Dr. Masoud Afshani	MS TEAMS
12:40-13:30	13:40-14:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
15:40-16:30	16:40-17:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		12 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	Toxoplasmosis	Dr. Ufuk Hasdemir	UZEM
09:40-10:30	10:40-11:30	Epidemiology of diseases spread by arthropod vectors	Dr. Ahmet Topuzoğlu	UZEM
10:40-11:30	11:40-12:30	Epidemiology of diseases spread by arthropod vectors	Dr. Ahmet Topuzoğlu	UZEM
12:40-13:30	13:40-14:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
14:40-15:30	15:40-16:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
15:40-16:30	16:40-17:30	PBL-3	Dr. Bülent Sezgin Dr. Amber Eker	MS TEAMS
16:40-17:30	17:40-18:30		Dr. Nilüfer Güzoğlu Dr. Didem Rıfki	

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		PBL-3	Dr. Halil Eren Sakallı Dr. Mümtaz Güran	
Thursday		13 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	Sepsis	Dr. Lütüye Mülazımođlu Durmuřođlu	UZEM
09:40-10:30	10:40-11:30	Myeloproliferative disorders: CML, Polycythemia Vera, essential thrombocytosis and primary myelofibrosis	Dr. Tülin Tuđlular	UZEM
10:40-11:30	11:40-12:30	Myeloproliferative disorders: CML, Polycythemia Vera, essential thrombocytosis and primary myelofibrosis	Dr. Tülin Tuđlular	UZEM
12:40-13:30	13:40-14:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
13:40-14:30	14:40-15:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
14:40-15:30	15:40-16:30	Platelets: Coagulation and fibrinolysis	Dr. Ethem Gelir	MS TEAMS
15:40-16:30	16:40-17:30	Microbiology LAB: Diagnosis of hematopoietic system infections	Dr. Nurver Ülger Dr. Mümtaz Güran	IN CLASS
16:40-17:30	17:40-18:30	Microbiology LAB: Diagnosis of hematopoietic system infections	Dr. Nurver Ülger Dr. Mümtaz Güran	IN CLASS
Friday		14 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Malaria and other infections due to blood and tissue protozoa	Dr. Nurver Ülger	MS TEAMS
10:40-11:30	11:40-12:30	Malaria and other infections due to blood and tissue protozoa	Dr. Nurver Ülger	MS TEAMS
12:40-13:30	13:40-14:30	Microbiology LAB: Diagnosis of hematopoietic system infections	Dr. Nurver Ülger Dr. Mümtaz Güran	MS TEAMS
13:40-14:30	14:40-15:30	Microbiology LAB: Diagnosis of hematopoietic system infections	Dr. Nurver Ülger Dr. Mümtaz Güran	MS TEAMS
14:40-15:30	15:40-16:30	Platelets: Coagulation and fibrinolysis	Dr. Ethem Gelir	MS TEAMS

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15:40-16:30	16:40-17:30	PBL-4	Dr. Bülent Sezgin Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Didem Rıfki Dr. Halil Eren Sakallı Dr. Mümtaz Güran	MS TEAMS
16:40-17:30	17:40-18:30	PBL-4		
5th Week (17– 21 January, 2022)				
Cyprus Local Time	Turkey Local Time	Calendar Days	Instructor Name	Lecture Platform
Monday		17 January		
08:40-09:30	09:40-10:30	ICS-2 Research: Critics with groups: Finalizing ethical board applications (Gr1 & Gr2)	Dr. İlke Akçay	MS TEAMS
09:40-10:30	10:40-11:30	ICS-2 Research: Critics with groups: Finalizing ethical board applications (Gr3 & Gr4)	Dr. İlke Akçay	MS TEAMS
10:40-11:30	11:40-12:30	ICS-2 Research: Critics with groups: Finalizing ethical board applications (Gr5 & Gr6)	Dr. İlke Akçay	MS TEAMS
11:40-12:30	12:40-13:30	ICS-2 Research: Critics with groups: Finalizing ethical board applications (Gr7 & Gr8)	Dr. İlke Akçay	MS TEAMS
13:40-14:30	14:40-15:30	ICS-2: HIM-Social Concept in Medicine	Dr. Hülya Akan	MS TEAMS
14:40-15:30	15:40-16:30	ICS-2: HIM-Social Concept in Medicine	Dr. Hülya Akan	MS TEAMS
15:40-16:30	16:40-17:30	ICS-2: HIM-Social Concept in Medicine	Dr. Mehmet Akman	MS TEAMS
16:40-17:30	17:40-18:30	ICS-2: HIM-Social Concept in Medicine	Dr. Mehmet Akman	MS TEAMS
Tuesday		18 January		
08:40-09:30	09:40-10:30	Multi-system zoonosis including tuleremia and brucellosis	Dr. Mehmet Burak Aksu	MS TEAMS
09:40-10:30	10:40-11:30	Multi-system zoonosis including tuleremia and brucellosis	Dr. Mehmet Burak Aksu	MS TEAMS
10:40-11:30	11:40-12:30	Systemic fungal infections	Dr. Arzu İlki	MS TEAMS
11:40-12:30	12:40-13:30	Systemic fungal infections	Dr. Arzu İlki	MS TEAMS
13:40-14:30	14:40-15:30	Vector borne diseases	Dr. Mehmet Burak Aksu	MS TEAMS

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14:40-15:30	15:40-16:30	Vector borne diseases	Dr. Mehmet Burak Aksu	MS TEAMS
15:40-16:30	16:40-17:30	Viral hemorrhagic diseases	Dr. Dilek Yağcı Çağlayık	MS TEAMS
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		19 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	Heavy metals and antagonists	Dr. Eren Sakallı	IN CLASS
09:40-10:30	10:40-11:30	Biological modifiers	Dr. Eren Sakallı	IN CLASS
10:40-11:30	11:40-12:30	Pharmacotherapy of malaria	Dr. Eren Sakallı	IN CLASS
12:40-13:30	13:40-14:30	Reading blood smear (slide show)	Dr. Tayfur Toptaş	MS TEAMS
13:40-14:30	14:40-15:30	Introduction to hemolytic anemia's of and mechanism of hemolysis	Dr. Tayfur Toptaş	MS TEAMS
14:40-15:30	15:40-16:30	Hemolytic anemia's due to membrane and enzyme defects	Dr. Tayfur Toptaş	MS TEAMS
15:40-16:30	16:40-17:30	Acute leukemia's: Classification and molecular aspect	Dr. Tayfur Toptaş	MS TEAMS
16:40-17:30	17:40-18:30	Acute leukemia's: Classification and molecular aspect	Dr. Tayfur Toptaş	MS TEAMS
Thursday		20 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	Hemophilia	Dr. Tayfur Toptaş	MS TEAMS
09:40-10:30	10:40-11:30	Quantitative disorders of the platelets	Dr. Tayfur Toptaş	MS TEAMS
10:40-11:30	11:40-12:30	Myelodysplastic syndrome	Dr. Tayfur Toptaş	MS TEAMS
12:40-13:30	13:40-14:30	Acquired and congenital thrombophilias	Dr. Tayfur Toptaş	MS TEAMS
13:40-14:30	14:40-15:30	Thalassemias	Dr. Tayfur Toptaş	MS TEAMS
14:40-15:30	15:40-16:30	Chronic lymphocytic leukemia's (CLL)	Dr. Tayfur Toptaş	MS TEAMS
15:40-16:30	16:40-17:30	Infections in immunocompromised host	Dr. Volkan Korten	MS TEAMS
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		21 January		
07:40-08:30	08:40-09:30	STUDY TIME		

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08:40-09:30	09:40-10:30	Hodgkin disease and non-Hodgkin lymphomas	Dr. Tayfur Toptaş	MS TEAMS
09:40-10:30	10:40-11:30	Hodgkin disease and non-Hodgkin lymphomas	Dr. Tayfur Toptaş	MS TEAMS
10:40-11:30	11:40-12:30	Sickle cell disease	Dr. Tayfur Toptaş	MS TEAMS
12:40-13:30	13:40-14:30	STUDY TIME		
13:40-14:30	14:40-15:30	Aplastic anemia	Dr. Tülin Tuğlular	UZEM
14:40-15:30	15:40-16:30	Thrombocytopenias and immune thrombocytopenic purpura	Dr. Tülin Tuğlular	UZEM
15:40-16:30	16:40-17:30	Infectious mononucleosis	Dr. Uluhan Sili	MS TEAMS
16:40-17:30	17:40-18:30	STUDY TIME		
Saturday		22 January		
13:00-17:00	14:00-18:00	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç	MS TEAMS
6th Week (24– 28 January, 20212)				
Cyprus Local Time	Turkey Local Time	Calendar Days	Instructor Name	Lecture Platform
Monday		24 January		
08:40-09:30	09:40-10:30	Biochemistry LAB: Examination of red blood cells	Dr. Ergül Mutlu Altundağ	IN CLASS
09:40-10:30	10:40-11:30	Biochemistry LAB: Examination of red blood cells	Dr. Ergül Mutlu Altundağ	IN CLASS
10:40-11:30	11:40-12:30	Biochemistry LAB: Examination of red blood cells	Dr. Ergül Mutlu Altundağ	IN CLASS
11:40-12:30	12:40-13:30	Biochemistry LAB: Examination of red blood cells	Dr. Ergül Mutlu Altundağ	IN CLASS
13:40-14:30	14:40-15:30	TURKISH EXAM	Inst. Emine Özerinç	IN CLASS
14:40-15:30	15:40-16:30	TURKISH EXAM	Inst. Emine Özerinç	IN CLASS
		TURKISH EXAM	Inst. Emine Özerinç	IN CLASS
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	TURKISH EXAM	Inst. Emine Özerinç	IN CLASS

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		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
Tuesday		25 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	Non-neoplastic disorders of lymph node and spleen	Dr. Süheyla Bozkurt	MS TEAMS
09:40-10:30	10:40-11:30	Neoplastic disorders of lymph node and spleen	Dr. Süheyla Bozkurt	MS TEAMS
10:40-11:30	11:40-12:30	Neoplastic disorders of lymph node and spleen	Dr. Süheyla Bozkurt	MS TEAMS
12:40-13:30	13:40-14:30	Pathology LAB: Pathology of bone marrow and lymphoid tissues - Group A	Dr. Süheyla Bozkurt	MS TEAMS
13:40-14:30	14:40-15:30	Pathology LAB: Pathology of bone marrow and lymphoid tissues - Group B	Dr. Süheyla Bozkurt	MS TEAMS
14:40-15:30	15:40-16:30	Pharmacotherapy of anemia	Dr. Eren Sakallı	IN CLASS
15:40-16:30	16:40-17:30	Anticancer chemotherapy	Dr. Eren Sakallı	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		26 January		
07:40-08:30	08:40-09:30	STUDY TIME		
08:40-09:30	09:40-10:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
09:40-10:30	10:40-11:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
10:40-11:30	11:40-12:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
12:40-13:30	13:40-14:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
13:40-14:30	14:40-15:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
14:40-15:30	15:40-16:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
15:40-16:30	16:40-17:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
16:40-17:30	17:40-18:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
Thursday		27 January		
07:40-08:30	08:40-09:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS

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08:40-09:30	09:40-10:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
09:40-10:30	10:40-11:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
10:40-11:30	11:40-12:30	ICS-2: HIM-Ethics	Dr. Gürkan Sert	MS TEAMS
12:40-13:30	13:40-14:30	Genetics of hematological disorders	Dr. Pinar Ata	UZEM
13:40-14:30	14:40-15:30	Genetics of hematological disorders	Dr. Pinar Ata	UZEM
14:40-15:30	15:40-16:30	Molecular basis of hemoglobinopathies	Dr. Can Erzik	UZEM
15:40-16:30	16:40-17:30	DNA diagnosis of hemaglobinopathies	Dr. Can Erzik	UZEM
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		28 January		
08:40-09:30	09:40-10:30	ICS-2: Polyclinic visit	Dr. Nilüfer Güzoğlu	HOSPITAL
09:40-10:30	10:40-11:30	ICS-2: Polyclinic visit	Dr. Nilüfer Güzoğlu	HOSPITAL
10:40-11:30	11:40-12:30	ICS-2: Polyclinic visit	Dr. Nilüfer Güzoğlu	HOSPITAL
11:40-12:30	12:40-13:30	ICS-2: Polyclinic visit	Dr. Nilüfer Güzoğlu	HOSPITAL
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		
SEMESTER HOLIDAY				
7th Week (14– 18 February, 2022)				
Cyprus Local Time	Turkey Local Time	Calendar Days	Instructor Name	Lecture Platform
Monday		14 February		
08:40-09:30	09:40-10:30			
09:40-10:30	10:40-11:30	PRACTICAL EXAM		
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			

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14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
Tuesday		15 February		
07:40-08:30	08:40-09:30			
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			
12:40-13:30	13:40-14:30			
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			
Wednesday		16 February		
07:40-08:30	08:40-09:30	STUDY TIME		
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	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		17 February		
07:40-08:30	08:40-09:30	STUDY TIME		
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		

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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		
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		18 February		
07:40-08:30	08:40-09:30			
08:40-09:30	09:40-10:30	Y2C3 THEORETICAL EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
12:40-13:30	13:40-14:30	Committee Exam Feedback Session	Dr. Mümtaz Güran Dr. Halil Eren Sakallı	IN CLASS
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			