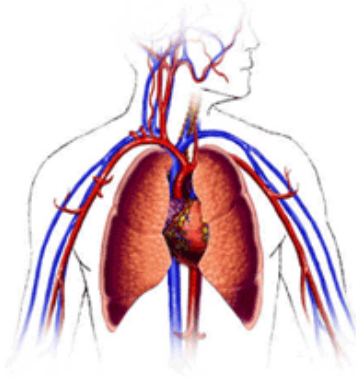


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**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN
UNIVERSITY INTERNATIONAL MEDICAL SCHOOL**



**CARDIOVASCULAR SYSTEM AND RELATED DISORDERS
YEAR 3 COURSE 1
August 31st, 2026 – October 16th, 2026**

Year 3 Coordinators

Prof. Arzu Akşit İLKİ & Prof. Pınar Mega TİBER & Assist. Prof. Hatice BORACI EFEKAN

PBL Module Coordinator

Prof. Rezzan GÜLHAN & Inst. Hüseyin BEYAZ

Coordinator of Multidisciplinary Students' Lab.

Assoc. Prof. Burak Aksu & Assoc. Prof. Ergül
Mutlu ALTUNDAĞ

Coordinator of Clinical Skill Lab.

Prof. Hasan R. YANANLI & Dr. Zehra GÜLTEKİN

Coordinator of ICS Res. Lab.

Prof. Hasan R. YANANLI & Assist. Prof. İlke AKÇAY

Vice-Chief Coordinators

Assessment

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

Student Affairs

Asist. Prof. Can ERZİK
Assist. Prof. İlke AKÇAY

Chief Coordinator

Prof. Hasan R. YANANLI & Assoc. Prof. Amber EKER

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

Prof. Tunç ÖNEŞ

Coordinator of the Joint Program

Prof. Süleyman Ümit ŞEHİRLİ

Dean (EMU)

Prof. Nilüfer GÜZOĞLU

Dean (MU)

Prof. Süleyman Ümit ŞEHİRLİ

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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 4: Growth, Development, Mental Health and Related Disorders

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Year 3, Course 1: Cardiovascular System and Related Disorders	
CARDIOVASCULAR SYSTEM AND RELATED DISORDERS	
AIM and LEARNING OBJECTIVES of COURSE Aim: With an interdisciplinary approach, to learn about the morphology and functions of the cardiovascular system, about the principles of circulation and to correlate the pathophysiological mechanisms with the diseases of the cardiovascular system. Learning Objectives: At the end of this course, third year students will, - To learn the morphology of the heart and the vessels - To describe the basic mechanisms of circulation - To define and discuss the factors impairing the normal function of the cardiovascular system and their pathological reflections on the occurrence of the diseases - To learn the major symptoms and signs of the cardiovascular diseases and the principles of therapeutic approaches - To learn the methods of the prevention from the cardiovascular diseases and its epidemiological importance as related with the mortality and morbidity in the population	
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 the course Course examination: Written exam at the end of the course	PROGRAM EVALUATION Evaluation at the end of the course, is done both orally and by using structured evaluation forms
DEPARTMENTS PARTICIPATING IN COURSE-3.1.	
- Anatomy - Biochemistry - Biophysics - Cardiology - Cardiovascular Surgery - Family Medicine - Histology and Embryology - Medical Genetics	- Microbiology - Nuclear Medicine - Pathology - Pediatric Cardiology - Physiology - Pharmacology - Public Health - Radiology
LECTURERS / TUTORS	
Abdul Veli İsmailoğlu, Assist.Prof., Anatomy Alper Yıldırım, Prof., Physiology Amber Eker, Assoc. Prof., Neurology Ahmet Akıcı, Prof., Pharmacology Arzu Akşit İlki, Prof., Microbiology Banu Aydın Omay, Assoc. Prof., Biophysics Berfu Çerçi Öngün, Inst., Anatomy Beste Özben Sadıç, Prof., Cardiology	İpek Erbarut, Assoc. Prof., Pathology Kadir Çakıral, Dr., Chemistry Koray Ak, Prof., Cardiovascular Surgery Mehmet Ali Söylemez, Assist.Prof., Medical Genetics Nimet Emel Lüleci, Prof., Public Health Nilüfer Güzoğlu, Prof., Neonatology Nuh Filizoğlu, Assist. Prof., Nuclear medicine Önder Şirikçi, Prof., Biochemistry

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Cevdet Nacar, Assoc. Prof., Biophysics
Dila Şener Akçora, Dr., Histology and Embryology
Efe Soydemir, Assist. Prof., Radiology
Emine Özerinç, Inst., Turkish Language
Erdi Sözen, Assist. Prof., Biochemistry
Figen Akalın, Prof., Pediatric Cardiology
Halil Ataş, Prof., Cardiology
Halil Eren Sakallı, Assist. Prof., Pharmacology
Hülya Cabadak, Prof., Biophysics
Hüseyin Kemal Türköz, Prof., Pathology
İlke Akçay, Assist. Prof., Biostatistics

Özgür Kasımay, Prof., Physiology
Pemra Ünal, Prof., Family Medicine
Pınar Mega Tiber, Prof., Biophysics
Saime Batirel, Assoc. Prof., Biochemistry
Yekta Çulpan, Assist. Prof., Pharmacology
Yusuf Emre Gürel, Prof., Cardiology
Ülkü Sur Ünal, Assist. Prof., Family Medicine
Ümit Öztürk, Assist. Prof., Cardiology
Zafer Gören, Prof., Pharmacology
Zehra Gultekin, Dr., Emergency Medicine
Zeliha Leyla Cinel, Prof., Pathology
Zekeriya Doğan, Assoc. Prof., Cardiology

READING / STUDYING MATERIALS

- Pocket Guide to ECG Diagnosis, Edward K. Chung, First edition, Blackwell Science.
- Chou's Electrocardiography in Clinical Practice, 6th edition, Surawicz, Kinilans, 2008, Saunders, Elsevier.
- Clinical Cardiology, Lange Medical Books, Melvin D. Cheitlin, Maurice Sokolow, Malcolm B. Mc Ilroy.
- Cardiac Imaging Secrets, Elsevier Neil J. Weissman MD, Gabriel A. Adelman MD, 2004.
- Clinical Electrocardiography, Ary L. Goldberger, Simplified Approach Mosby-Elsevier, 2008.
- Drugs for the Heart, Lionel H. Opie, Bernard J. Gersh 7th Edition, Saunders Elsevier.
- Current Diagnosis and Treatment in Cardiology, Michael Crawford Lange Medical Books, McGraw Hill, 2006.
- Clinical Skills, Bouchier and Morris, Saunders.
- Braunwald Heart Disease, 8th Edition, W. B. Saunders, Eugene Braunwald, Douglas P. Zipes, Peter Libby, 2012.
- Kardiyoloji, Editörler: İsfendiyar Candan, Derviş Oral, Ankara Üniversitesi, Tıp Fakültesi Yayınları.
- Klinik Kardiyoloji, Hasan Gök, Nobel Kitabevi, 2002.
- Lecture Notes on Cardiology, Huon H Gray, Keith H Dawkins, John M. Morgan, T. Simpson, 4th Edition Blackwell Science.
- Lecture Notes on Clinical Skills, Robert Turner, Roger Blackwood, 3rd Edition, Blackwell Science, 2003.
- Pathophysiology of Heart Disease, Leonard S. Lilly, Lea & Febiger, 2008.
- Manual of Cardiovascular Medicine, 3rd Edition, Brian P Griffin, Eric J. Topol, Lippincott Williams & Wilkins, 2004.
- Cardiovascular Diagnosis The Initial Examination, J. Willis Hurst Mosby Wolfe Medical Communication, 2004.
- Cardiac Drug Therapy, M. Gabriel Kahn, 6th Edition, Saunders.
- Handbook of Cardiovascular Emergencies, 2nd Edition, James W. Hoekstra, Lippincott Williams Wilkins.
- Hurst's The Heart, Manual of Cardiology, 10th Edition, Robert A. O'Rourke, Valentin Fuster, R. Wayne Alexander.
- Cardiovascular Physiology Lange Physiology Series, David E. Rohrman, Louis J. Heller, 6th Edition, 2006.
- A Pocket Guide to Physical Examination and History Taking, Barbara Bates J. B., Lippincott.
- Kardiyoloji Modern Semiyoloji, Prof. Dr. Dinçer Uçak, Nobel Kitabevi, 2003.
- A Colour Atlas of Physical Signs in Cardiovascular Disease, L. M. Shapiro, K. M. Fox Wolfe Medical Publication.
- Netter's Cardiology, Marschall S Runge, Magnus Ohman, Icon Learning Systems 2004.

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SUMMARY OF THE COURSE 3.1.			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total*
Anatomy	4	1	5
Biochemistry	10		10
Biophysics	6		6
Cardiology	27		27
Cardiovascular Surgery	2		2
Family Medicine	2		2
Histology and Embryology	5	2	7
Medical Genetics	1		1
Microbiology	1		1
Nuclear Medicine	1		1
Pathology	7	1	8
Pediatric Cardiology	5		5
Physiology	17	3	20
Pharmacology	12		12
Public Health	1		1
Radiology	1		1
PBL Module	6		6
Subtotal*	108	7	115
ICS-3 Clinical Skills Laboratory (ICS-3 CSL) (MDN3706)	4	3	7
ICS-3 Student Research Activity (ICS-3 SRA) (MDN3707)	2	1	3
Turkish for Medical Students – IV**	24	(Interactive Session)	24
Electives	2		2
TOTAL*	138** 116	11	149** 127

*Hours/Student

** For International Students

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		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	
1 st Week (31 August– 04 September, 2026)				
	Calendar Days	Instructor Name	Lecture Platform	
Monday	31 August			
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	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS	
14:40-15:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS	
15:40-16:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS	
16:40-17:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS	
17:40-18:30	STUDY TIME			
Tuesday	01 September			
08:40-09:30	Orientation for the academic year	Dr. Amber Eker Bakkaloğlu	IN CLASS	
09:40-10:30	Introduction to the course and opening lecture	Dr. Amber Eker Bakkaloğlu	IN CLASS	
10:40-11:30	Heart and pericardium	Dr. Abdul Veli İsmailoğlu	IN CLASS	
11:40-12:30	Heart and pericardium	Dr. Abdul Veli İsmailoğlu	IN CLASS	
13:40-14:30	Heart and pericardium	Dr. Abdul Veli İsmailoğlu	IN CLASS	
14:40-15:30	Anatomy of the vessels (arterial and venous system)	Dr. Abdul Veli İsmailoğlu	IN CLASS	
15:40-16:30	STUDY TIME			
16:40-17:30	STUDY TIME			
17:40-18:30	STUDY TIME			
Wednesday	02 September			

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08:40-09:30	STUDY TIME		
09:40-10:30	Histology of the heart	Dr. Dila Şener Akçora	IN CLASS
10:40-11:30	Histology of blood vessels	Dr. Dila Şener Akçora	IN CLASS
11:40-12:30	Histology of blood vessels	Dr. Dila Şener Akçora	IN CLASS
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
Thursday	03 September		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	Development of the cardiovascular system	Dr. Dila Şener Akçora	IN CLASS
11:40-12:30	Development of the cardiovascular system	Dr. Dila Şener Akçora	IN CLASS
13:40-14:30	Histology LAB: Histology of heart, blood vessels	Dr. Dila Şener Akçora	Multidisciplinary Lab.
14:40-15:30	Histology LAB: Histology of heart, blood vessels	Dr. Dila Şener Akçora	Multidisciplinary Lab.
15:40-16:30	Fluid Mechanics	Dr. Banu Aydın Omay	IN CLASS
16:40-17:30	Fluid Mechanics	Dr. Banu Aydın Omay	IN CLASS
17:40-18:30	STUDY TIME		
Friday	04 September		
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		

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15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
2nd Week (07– 11 September, 2026)			
	Calendar Days	Instructor Name	Lecture Platform
Monday	07 September		
08:40-09:30	Building and Emergency Orientation	Dr. Mümtaz Güran Dr. Kadir Çakıral	IN CLASS
09:40-10:30	Laboratory Safety Orientation	Dr. Mümtaz Güran Dr. Kadir Çakıral	IN CLASS
10:40-11:30	STUDY TIME		
11:40-12:30	STUDY TIME		
13:40-14:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
14:40-15:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
15:40-16:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
16:40-17:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
17:40-18:30	STUDY TIME		
Tuesday	08 September		
08:40-09:30	Regulation of blood pressure	Dr. Alper Yıldırım	IN CLASS
09:40-10:30	Regulation of blood pressure	Dr. Alper Yıldırım	IN CLASS
10:40-11:30	Cardiac output	Dr. Alper Yıldırım	IN CLASS
11:40-12:30	Coronary circulation	Dr. Alper Yıldırım	IN CLASS
13:40-14:30	Physiological properties of the cardiac muscle	Dr. Alper Yıldırım	IN CLASS
14:40-15:30	Regulation of cardiac functions	Dr. Alper Yıldırım	IN CLASS
15:40-16:30	PBL-1: LISTEN TO YOUR HEART	Dr. Amber Eker Dr. Ergül Mutlu Altundağ Dr. Halil Eren Sakallı Dr. Zehra Gültekin	PBL ROOM
16:40-17:30			
17:40-18:30	ICS Clinic Orientation	Dr. Zehra Gültekin	IN CLASS

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Wednesday	09 September		
08:40-09:30	Arterial pulse	Dr. Özgür Kasımay	IN CLASS
09:40-10:30	Regulation of blood flow	Dr. Özgür Kasımay	IN CLASS
10:40-11:30	Heart sounds	Dr. Özgür Kasımay	IN CLASS
11:40-12:30	Circulation through specific organs	Dr. Özgür Kasımay	IN CLASS
13:40-14:30	Cardiac cycle	Dr. Alper Yıldırım	IN CLASS
14:40-15:30	Cardiac cycle	Dr. Alper Yıldırım	IN CLASS
15:40-16:30	ICS-3 SRA: Introduction and Orientation to ICS-3 SRA. Informing about the aims and objectives of the ICS-3 SRA through 2026-27	Dr. İlke Akçay	IN CLASS
16:40-17:30	ICS-3 SRA: Feedback from last year	Dr. İlke Akçay	IN CLASS
17:40-18:30	STUDY TIME		
Thursday	10 September		
08:40-09:30	STUDY TIME		
09:40-10:30	Principles of ECG	Dr. Özgür Kasımay	IN CLASS
10:40-11:30	Principles of ECG	Dr. Özgür Kasımay	IN CLASS
11:40-12:30	ECG and its interpretation	Dr. Özgür Kasımay	IN CLASS
13:40-14:30	Physiology LAB: ECG-1 (Group A)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
14:40-15:30	Physiology LAB: ECG-1 (Group B)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
15:40-16:30	Physiology LAB: ECG-1 (Group C)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
16:40-17:30	Physiology LAB: ECG-1 (Group D)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
17:40-18:30	STUDY TIME		
Friday	11 September		
08:40-09:30	Screening and exercise prescription for healthy life	Dr. Özgür Kasımay	IN CLASS
09:40-10:30	Ageing physiology	Dr. Özgür Kasımay	IN CLASS

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10:40-11:30	Physiology LAB: ECG-2 (Group A)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
11:40-12:30	Physiology LAB: ECG-2 (Group B)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
13:40-14:30	Physiology LAB: ECG-2 (Group C)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
14:40-15:30	Physiology LAB: ECG-2 (Group D)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
15:40-16:30	Physiology LAB: Blood pressure, heart sounds, pulse (Group C-D)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
	Anatomy LAB: Heart and pericardium - (Group A-B)	Dr. Berfu Çerçi Öngün	Anatomy Lab.
16:40-17:30	Physiology LAB: Blood pressure, heart sounds, pulse (Group A-B)	Dr. Özgür Kasımay Dr. Alper Yıldırım	Multidisciplinary Lab.
	Anatomy LAB: Heart and pericardium – (Group C-D)	Dr. Berfu Çerçi Öngün	Anatomy Lab.
17:40-18:30	STUDY TIME		
3rd Week (14 – 18 September, 2026)			
	Calendar Days	Instructor Name	Lecture Platform
Monday	14 September		
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	Turkish For Medical Students-IV	Inst. Emine Özerinç	IN CLASS
14:40-15:30	Turkish For Medical Students-IV	Inst. Emine Özerinç	IN CLASS
15:40-16:30	Turkish For Medical Students-IV	Inst. Emine Özerinç	IN CLASS
16:40-17:30	Turkish For Medical Students-IV	Inst. Emine Özerinç	IN CLASS
17:40-18:30	STUDY TIME		
Tuesday	15 September		
08:40-09:30	Principal symptom and general signs in cardiovascular disease	Dr. Ümit Öztürk	IN CLASS

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09:40-10:30	Principal symptom and general signs in cardiovascular disease	Dr. Ümit Öztürk	IN CLASS
10:40-11:30	Syncope and sudden cardiac death	Dr. Ümit Öztürk	IN CLASS
11:40-12:30	Diseases of the aorta and the peripheral blood vessels	Dr. Ümit Öztürk	IN CLASS
13:40-14:30	Cardiomyopathies and myocarditis	Dr. Ümit Öztürk	IN CLASS
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
Wednesday	16 September		
08:40-09:30	STUDY TIME		
09:40-10:30	Approach to the patient with cardiovascular system disease	Dr. Zekeriya Doğan	IN CLASS
10:40-11:30	Examination of the heart and vessels	Dr. Zekeriya Doğan	IN CLASS
11:40-12:30	Examination of the heart and vessels	Dr. Zekeriya Doğan	IN CLASS
13:40-14:30	Coronary artery disease	Dr. Zekeriya Doğan	IN CLASS
14:40-15:30	Coronary artery disease	Dr. Zekeriya Doğan	IN CLASS
15:40-16:30	ICS-3 SRA: Theme, Assessment, Timeline and Schedule of the Year	Dr. İlke Akçay	IN CLASS
16:40-17:30	ICS-3 SRA: Informing about Ethical Board Application Process	Dr. İlke Akçay	IN CLASS
17:40-18:30	STUDY TIME		
Thursday	17 September		
08:40-09:30	ICS-3 CSL: Respiratory and Cardiovascular System Physical Examination	Dr. Zehra Gültekin	IN CLASS
09:40-10:30	ICS-3 CSL: Respiratory and Cardiovascular System Physical Examination	Dr. Zehra Gültekin	IN CLASS
10:40-11:30	ICS-3 CSL: Respiratory and Cardiovascular System Physical Examination	Dr. Zehra Gültekin	IN CLASS
11:40-12:30	ICS-3 CSL: Respiratory and Cardiovascular System Physical Examination	Dr. Zehra Gültekin	IN CLASS

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13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
Friday	18 September		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	Viscosity, laminar and turbulent flow	Dr.Pinar Mega Tiber	MS TEAMS
11:40-12:30	The role of gravity in the circulation	Dr.Pinar Mega Tiber	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		
17:40-18:30	STUDY TIME		
4th Week (21– 25 September, 2026)			
	Calendar Days	Instructor Name	Lecture Platform
Monday	21 September		
08:40-09:30	Alzheimer day activity; cognitive screening		Preventive Mental Health Center
09:40-10:30	Alzheimer day activity; cognitive screening		Preventive Mental Health Center
10:40-11:30	Alzheimer day activity; cognitive screening		Preventive Mental Health Center
11:40-12:30	Alzheimer day activity; cognitive screening		Preventive Mental Health Center
13:40-14:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS

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14:40-15:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
15:40-16:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
16:40-17:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
17:40-18:30	STUDY TIME		
Tuesday	22 September		
08:40-09:30	Adult patient with chest pain. Primary care approach	Dr. Ülkü Sur Ünal	MS TEAMS
09:40-10:30	Neoplastic diseases of the heart & blood vessels	Dr. Hüseyin Kemal Türköz	MS TEAMS
10:40-11:30	Valvular diseases of the heart	Dr. Hüseyin Kemal Türköz	MS TEAMS
11:40-12:30	Genetic basis of the cardiovascular diseases	Dr. Mehmet Ali Söylemez	MS TEAMS
13:40-14:30	Clinical electrocardiography	Dr. Yusuf Emre Gürel	IN CLASS
14:40-15:30	Clinical electrocardiography	Dr. Yusuf Emre Gürel	IN CLASS
15:40-16:30	PBL-2: LISTEN TO YOUR HEART	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Halil Eren Sakallı Dr. Zehra Gültekin	PBL ROOM
16:40-17:30			
17:40-18:30	STUDY TIME		
Wednesday	23 September		
08:40-09:30	Cardiac dysrhythmias	Dr. Yusuf Emre Gürel	IN CLASS
09:40-10:30	Cardiac dysrhythmias	Dr. Yusuf Emre Gürel	IN CLASS
10:40-11:30	Pericarditis	Dr. Yusuf Emre Gürel	IN CLASS
11:40-12:30	Microbiological approach to cardiovascular infections	Dr. Arzu Akşit İlki	IN CLASS
13:00-14:00	ICS 3-BMP: Interdisciplinary Interaction "Medical Students and Sleep Health: It's both a challenge and a career pathway" A seminar presented by Assist. Prof. Gökçe Yılmaz Akdoğan and Bikem Kızılduman, MSc Sleep Behaviours Research Group, Department of Psychology, EMU		MED101
14:40-15:30	Introduction to cardiovascular pharmacology	Dr. Zafer Gören	IN CLASS
15:40-16:30	Elderly patient with leg pain: Primary care approach	Dr. Pemra Cöbek Ünalın	IN CLASS
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		

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Thursday	24 September		
08:40-09:30	ICS-3 CSL: Respiratory - Cardiovascular System Physical Examination (Group A-B)	Dr. Zehra Gültekin Dr. Amber Eker Dr. Kadir Çakıral	ICS LAB.
09:40-10:30	ICS-3 CSL: Respiratory - Cardiovascular System Physical Examination (Group A-B) and Sounds (Group C-D)	Dr. Zehra Gültekin Dr. Amber Eker Dr. Kadir Çakıral	ICS LAB.
10:40-11:30	ICS-3 CSL: Respiratory - Cardiovascular System Physical Examination (Group C-D) and Sounds (Group A-B)	Dr. Zehra Gültekin Dr. Amber Eker Dr. Kadir Çakıral	ICS LAB.
11:40-12:30	ICS-3 CSL: Respiratory - Cardiovascular System Physical Examination and (Group C-D)	Dr. Zehra Gültekin Dr. Amber Eker Dr. Kadir Çakıral	ICS LAB.
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
Friday	25 September		
08:40-09:30	Ischaemic heart disease	Dr. İpek Erbarut	IN CLASS
09:40-10:30	Ischaemic heart disease	Dr. İpek Erbarut	IN CLASS
10:40-11:30	Pathology LAB: Heart and valvular diseases (Group C-D)	Dr. İpek Erbarut	Multidisciplinary Lab.
11:40-12:30	Pathology LAB: Heart and valvular diseases (Group A-B)	Dr. İpek Erbarut	Multidisciplinary Lab.
13:40-14:30	Pharmacotherapy of ischemic heart disease and MI	Dr. Yekta Çulpan	IN CLASS
14:40-15:30	Pharmacotherapy of ischemic heart disease and MI	Dr. Yekta Çulpan	IN CLASS
15:40-16:30	Electrical fields, potential at a point	Dr. Cevdet Nacar	IN CLASS
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
5th Week (28 September - 02 October, 2026)			
	Calendar Days	Instructor Name	Lecture Platform

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Monday	28 September		
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	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
14:40-15:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
15:40-16:30	Orientation to the Elective Courses and Determination of Electives	Dr. Özge Cumaogulları Eker	MED101
	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
16:40-17:30	Orientation to the Elective Courses and Determination of Electives	Dr. Özge Cumaogulları Eker	MED101
Tuesday	29 September		
08:40-09:30	STUDY TIME		
09:40-10:30	Lipoprotein metabolism	Dr. Saime Batirel	IN CLASS
10:40-11:30	Lipoprotein metabolism	Dr. Saime Batirel	IN CLASS
11:40-12:30	Lipoprotein metabolism	Dr. Saime Batirel	IN CLASS
13:40-14:30	Biochemical aspects of the metabolic syndrome	Dr. Saime Batirel	IN CLASS
14:40-15:30	Biochemical aspects of the metabolic syndrome	Dr. Saime Batirel	IN CLASS
15:40-16:30	PBL-3: LISTEN TO YOUR HEART	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Halil Eren Sakallı Dr. Zehra Gültekin	PBL ROOM
16:40-17:30			
17:40-18:30	STUDY TIME		
Wednesday	30 September		
08:40-09:30	STUDY TIME		
09:40-10:30	Approach to thromboembolic disorders	Dr. Koray Ak	MS TEAMS
10:40-11:30	STUDY TIME		

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11:40-12:30	STUDY TIME		
13:40-14:30	STUDY TIME		
14:40-15:30	Pharmacotherapy of cardiac dysrhythmias	Dr. Halil Eren Sakallı	IN CLASS
15:40-16:30	Pharmacotherapy of cardiac dysrhythmias	Dr. Halil Eren Sakallı	IN CLASS
16:40-17:30	ICS-3 SRA: 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.	
17:40-18:30	STUDY TIME		
Thursday	01 October		
08:40-09:30	STUDY TIME		
09:40-10:30	Pharmacotherapy of heart failure	Dr. Halil Eren Sakallı	IN CLASS
10:40-11:30	Pharmacotherapy of heart failure	Dr. Halil Eren Sakallı	IN CLASS
11:40-12:30	Cardiac action potentials	Dr. Hülya Cabadak	IN CLASS
13:40-14:30	Pharmacotherapy in peripheral arterial and venous occlusive diseases	Dr. Halil Eren Sakallı	IN CLASS
14:40-15:30	Epidemiology of cardiovascular diseases	Dr. Nimet Emel Lülecı	IN CLASS
15:40-16:30	Cardiac injury and markers	Dr. Önder Şirikçi	IN CLASS
16:40-17:30	Cardiac injury and markers	Dr. Önder Şirikçi	IN CLASS
17:40-18:30	STUDY TIME		
Friday	02 October		
08:40-09:30	STUDY TIME		
09:40-10:30	Atherosclerosis & hypertensive cardiovascular events	Dr. Zeliha Leyla Cinel	IN CLASS
10:40-11:30	Atherosclerosis & hypertensive cardiovascular events	Dr. Zeliha Leyla Cinel	IN CLASS
11:40-12:30	Vasculitis	Dr. Zeliha Leyla Cinel	IN CLASS
13:40-14:30	Hyperlipidemias and atherosclerosis	Dr. Erdi Sözen	IN CLASS

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14:40-15:30	Hyperlipidemias and atherosclerosis	Dr. Erdi Sözen	IN CLASS
15:40-16:30	Vascular events	Dr. Erdi Sözen	IN CLASS
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
6th Week (05– 09 October, 2026)			
	Calendar Days	Instructor Name	Lecture Platform
Monday	05 October		
08:40-09:30	Acute coronary syndrome	Dr. Halil Ataş	IN CLASS
09:40-10:30	Acute coronary syndrome	Dr. Halil Ataş	IN CLASS
10:40-11:30	Heart failure and cardiogenic shock	Dr. Halil Ataş	IN CLASS
11:40-12:30	Heart failure and cardiogenic shock	Dr. Halil Ataş	IN CLASS
13:40-14:30	Pulmonary hypertension in cardiology	Dr. Halil Ataş	IN CLASS
14:40-15:30	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
15:40-16:30	Elective Courses Drug Delivery Methods in Medicine GFMS101 – German for Medical Students Introduction to Medical Biomaterials and Biosafety MDCN134 Climate Change: Effects on Health, Sustainable Living and Medicine MDCN181 – Theoretical and Applied Forensic Sciences MDCN314 – Introduction to Health Psychology	Dr. Hüseyin Beyaz Inst. Nur Sevinç Dr. Kadir Çakıral Dr. Özge Cumaogulları Eker Dr. Cemal Gürkan Inst. Hazal Dinçyürek	MED101
	Turkish for Medical Students - IV	Inst. Emine Özerinç	IN CLASS
16:40-17:30	Elective Courses Drug Delivery Methods in Medicine GFMS101 – German for Medical Students Introduction to Medical Biomaterials and Biosafety MDCN134 Climate Change: Effects on Health, Sustainable Living and Medicine MDCN181 – Theoretical and Applied Forensic Sciences MDCN314 – Introduction to Health Psychology	Dr. Hüseyin Beyaz Inst. Nur Sevinç Dr. Kadir Çakıral Dr. Özge Cumaogulları Eker Dr. Cemal Gürkan Inst. Hazal Dinçyürek	MED101
Tuesday	06 October		
08:40-09:30	STUDY TIME		
09:40-10:30	Congenital acyanotic heart disease with left to right shunt	Dr. Figen Akalın	IN CLASS

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10:40-11:30	Congenital cyanotic heart disease	Dr. Figen Akalın	IN CLASS
11:40-12:30	Congenital heart disease with valvular obstruction or stenosis	Dr. Figen Akalın	IN CLASS
13:40-14:30	Acute rheumatic fever	Dr. Figen Akalın	IN CLASS
14:40-15:30	Acute rheumatic fever	Dr. Figen Akalın	IN CLASS
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
17:40-18:30	STUDY TIME		
Wednesday	07 October		
08:40-09:30	Systemic hypertension and hypertensive heart disease	Dr. Beste Özben Sadiç	IN CLASS
09:40-10:30	Systemic hypertension and hypertensive heart disease	Dr. Beste Özben Sadiç	IN CLASS
10:40-11:30	Valvular heart disease	Dr. Beste Özben Sadiç	IN CLASS
11:40-12:30	Valvular heart disease	Dr. Beste Özben Sadiç	IN CLASS
13:40-14:30	Cardiovascular diseases in special population	Dr. Beste Özben Sadiç	IN CLASS
14:40-15:30	Diagnostic methods in cardiology	Dr. Beste Özben Sadiç	IN CLASS
15:40-16:30	Diagnostic methods in cardiology	Dr. Beste Özben Sadiç	IN CLASS
16:40-17:30	Pharmacotherapy of heart failure	Dr. Halil Eren Sakallı	IN CLASS
17:40-18:30	STUDY TIME		
Thursday	08 October		
08:40-09:30	Pharmacotherapy of hypertension	Dr. Ahmet Akıcı	IN CLASS
09:40-10:30	Pharmacotherapy of hypertension	Dr. Ahmet Akıcı	IN CLASS
10:40-11:30	Pharmacotherapy of hypertension	Dr. Ahmet Akıcı	IN CLASS
11:40-12:30	Pharmacotherapy of hyperlipidemias	Dr. Ahmet Akıcı	IN CLASS
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	Myocardial scintigraphy and radionuclide ventriculography	Dr. Nuh Filizoğlu	MS TEAMS
16:40-17:30	STUDY TIME		

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17:40-18:30	STUDY TIME		
Friday	09 October		
08:40-09:30	Radiology of the cardiovascular system	Dr. Efe Soydemir	MS TEAMS
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		
17:40-18:30	STUDY TIME		
7th Week (12– 16 October, 2026)			
	Calendar Days	Instructor Name	Lecture Platform
Monday	12 October		
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	Elective Courses Drug Delivery Methods in Medicine GFMS101 – German for Medical Students Introduction to Medical Biomaterials and Biosafety MDCN134 Climate Change: Effects on Health, Sustainable Living and Medicine MDCN181 – Theoretical and Applied Forensic Sciences MDCN314 – Introduction to Health Psychology	Dr. Hüseyin Beyaz Inst. Nur Sevinç Dr. Kadir Çakıral Dr. Özge Cumaoğulları Eker Dr. Cemal Gürkan Inst. Hazal Dinçyürek	MED101
16:40-17:30	Elective Courses Drug Delivery Methods in Medicine GFMS101 – German for Medical Students Introduction to Medical Biomaterials and Biosafety	Dr. Hüseyin Beyaz Inst. Nur Sevinç Dr. Kadir Çakıral	MED101

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	MDCN134 Climate Change: Effects on Health, Sustainable Living and Medicine MDCN181 – Theoretical and Applied Forensic Sciences MDCN314 – Introduction to Health Psychology	Dr. Özge Cumaogulları Eker Dr. Cemal Gürkan Inst. Hazal Dinçyürek	
17:40-18:30	STUDY TIME		
Tuesday	13 October		
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		
17:40-18:30	STUDY TIME		
Wednesday	14 October		
08:40-09:30	Y3C1 COMMITTEE EXAM		
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Feedback Session	Dr. Halil Eren Sakallı Dr. Namık Kerküklü	
14:40-15:30			
15:40-16:30			
16:40-17:30			
Thursday	15 October		
08:40-09:30	Y2C1 COMMITTEE EXAM		
09:40-10:30			

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10:40-11:30			
11:40-12:30			
13:40-14:30			
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17:40-18:30			
Friday	16 October		
08:40-09:30			
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30			
14:40-15:30			
15:40-16:30			
16:40-17:30			
17:40-18:30			