




Y2C5 Last Updated: June 22nd, 2021

The lectures marked with * will be held on MS Teams Program.

 Tıp Fakültesi	MARMARA UNIVERSITY EASTERN MEDITERRANEAN UNIVERSITY INTERNATIONAL MEDICAL SCHOOL		
 RESPIRATORY SYSTEM AND RELATED DISORDERS YEAR 2 COURSE 5 April 26th, 2021 – June 23rd, 2021			
Year 2 Coordinators Prof., Özgür Kasımay ÇAKIR & Assist. Prof., Burak AKSU & Asst. Prof., Masoud AFSHANI			
PBL Module Coordinator Prof., Özlem SARIKAYA Assist. Prof., Bülent SEZGİN	Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR Assist. Prof., Mümtaz GÜRAN		
Coordinator of Clinical Skill Lab. Prof., Pemra ÜNALAN Assoc. Prof., Nilüfer GÜZOĞLU	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 Assist. Prof., Can ERZİK Inst. Yöner MERAY		
Chief Coordinator Assoc. Prof., Hasan YANANLI Assist. Prof., Mümtaz GÜRAN	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 (MU) Prof., Hakan Gündüz		

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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

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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

RESPIRATORY 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 respiratory system and pathogenesis of the disorders related to system. They will also gain knowledge about the signs and symptoms of pulmonary diseases, related risk factors, prevention, diagnosis, and principles of treatment.

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

- review the development and histology of the respiratory system
- describe the mechanism of breathing and identify the movement, solubility and transport of gas molecules
- understand the factors impairing the normal function of the respiratory system and their pathological reflections on the occurrence of the disease
- gain knowledge about microorganisms that affect the respiratory system and respiratory tract infections
- gain knowledge about the risk groups, risk factors related to pulmonary diseases and preventive measures
- gain knowledge about the major signs and symptoms of the pulmonary diseases
- gain knowledge about the approach to diagnosis, and principles of treatment in pulmonary diseases
- comprehend the hazards of smoking
- define the pharmacotherapy of pulmonary diseases
- 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-2.5

- Anatomy
- Biochemistry
- Biophysics
- Family Medicine
- Histology and Embryology
- Infectious Diseases
- Medical Genetics
- Microbiology

- Nuclear Medicine
- Otorhinolaryngology
- Pathology
- Pediatrics
- Pharmacology
- Physiology
- Public Health
- Pulmonary Medicine
- Radiology

LECTURERS / TUTORS

Abdullah Çağlar BATMAN, Professor of Otorhinolaryngology
Ahmet TOPUZOĞLU, Assoc. Professor of Public Health

İnci ALİCAN, Professor of Physiology
Leyla Cinel, Professor of Pathology
Masoud AFSHANI, Assist. Professor of Histology & Embryology
Mümtaz GÜRAN, Assist. Professor of Microbiology

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Ali Cemal YUMUŞAKHUYLU, Assoc. Professor of Otorhinolaryngology
Alper YILDIRIM, Assoc. Professor of Physiology
Aymelek YALIN, Professor of Anatomy
Ayşegül KARAHASAN, Professor of Microbiology
Berfu Çerçi ÖNGÜN, Instructor of Anatomy
Berrak YEĞEN, Professor of Physiology
Berrin CEYHAN, Professor of Pulmonary Medicine
Bülent SEZGİN, Assist. Prof. of Internal Medicine
Cemal GÜRKAN, Instructor of Forensic Sciences
Çiğdem APAYDIN KAYA, Assoc. Professor Family Medicine
Çiğdem ÇELİKEL, Professor of Pathology
Deren ÇEKER, Instructor of Anthropology
Ela Erdem ERALP, Assoc. Professor of Child Health & Diseases
Elif DAĞLI, Professor of Pediatrics
Elif TİGEN, Assoc. Professor of Infectious Diseases
Emel ERYÜKSEL, Assoc. Professor of Pulmonary Medicine
Emine BOZKURLAR, Assist. Professor of Pathology
Emine ÖZERİNÇ, Instructor of Turkish Language
Eren SAKALLI, Assist. Professor of Pharmacology
Hülya CABADAK, Assoc. Professor of Biophysics
İlke Çetin Akçay, Assist. Professor of Biostatistics
İlter GÜNEY, Assist. Professor of Medical Genetics

Nurtane KARAGIL, Instructor of Arts and Crafts
Nuri ÇAĞATAY ÇİMŞİT, Professor of Radiology
Ömür Çınar Elçi, Professor of Public Health
Önder ŞİRİKÇİ, Professor of Medical Biochemistry
Özgür KASIMAY, Assoc. Professor of Physiology
Özlem Tuğçe KAYA, Assist. Professor of Histology and Embryology
Özlem KIRAZLI, Instructor of Anatomy
Pemra ÜNALAN, Professor of Family Medicine
Pınar Mega TİBER, Assist. Professor of Biophysics
Rengin Asiye AHISKALI, Professor of Pathology
Sait KARAKURT, Professor of Pulmonary Medicine
Salih ÖZGÜVEN, Instructor of Nuclear Medicine
Selçuk İNANLI, Professor of Otorhinolaryngology
Serap ÇİFÇİLİ, Assoc. Prof. Family Medicine
Serap ŞİRVANCI, Professor of Histology & Embryology
Şehnaz Olgun YILDIZELİ, Assist. Professor of Pulmonary Medicine
Turgay ÇELİKEL, Professor of Pulmonary Medicine
Ufuk HASDEMİR, Professor of Microbiology
Ural VERİMLİ,
Ümit ŞEHİRLİ, Professor of Anatomy
Volkan KORTEN, Professor of Infectious Diseases
Zafer GÖREN, Professor of Pharmacology
Zeynep Arzu İLKİ, Professor of Microbiology

READING / STUDYING MATERIALS

- Medical Microbiology; Patrick R. Murray, Michael A. Pfaller, Ken S. Rosenthal.
- Jawetz, Melnick, and Adelberg's Medical Microbiology (Lange Basic Science).
- <http://www.meddean.luc.edu/lumen/meded/medicine/Allergy/Asthma/asthtoc.html>
- <http://www.nlm.nih.gov/medlineplus/asthma.html>
- Medical Physics physiological measurement BH Broson and RH Smalleroad Scientific Americans 205(1) 56-64.
- Nettle CIBA collection vol 6 section VIII.
- Physics for the Health Sciences. Nave and B. Nave.
- Principles of Physical Chemistry with Applications to the Biological Sciences, D. Freifelder.
- Physics with Illustrative Examples from Medicine and Biology Benedek and Villars.
- Physics, Health and the Human Body Gustafson
- Biochemistry, L. Stryer
- Guyton & Hall, Textbook of Medical Physiology
- GINA (Global Initiative for Asthma).
- Kumar V, Abbas AK, Fausto N, Aster (Eds.): Robbins & Cotran Pathologic basis of disease, 8th Ed.

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SUMMARY OF THE COURSE 2.5			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	12	7	19
Biochemistry	2		2
Biophysics	6		6
Family Medicine	4		4
Histology & Embryology	5	1	6
Infectious Diseases	4		4
Medical Genetics	2		2
Microbiology	5	2	7
Nuclear Medicine	1		1
Otorhinolaryngology	3		3
Pathology	14	2	16
Pediatrics	3		3
Pharmacology	7		7
Physiology	9	1	10
Public Health	4		3
Pulmonary Medicine	23		23
Radiology	2		2
Subtotal	107	13	120
PBL Module	7		7
ICS-2: Research	6	6	12
ICS-2: History Taking and Respiratory System Physical Examination	6		6
Turkish for Medical Students-III	27		27
Turkish for Medical Students-III (Interactive session)	11		11
Elective Course-II MDCN181 MDCN182 MDCN125	12		12
TOTAL	177	19	196

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	THEORETICAL AND PRACTICAL SESSIONS	LECTURER(S) /TUTOR(S)
WEEK-1 (26- 30 April 2021)		
Monday	26 April	
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-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
Tuesday	27 April	
09:00-09:50	Opening lecture: Breath and respiration in medicine	Dr. Masoud Afshani*
10:00-10:50	The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli*
11:00-11:50	The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli*
13:00-13:50	The pharynx	Dr. Ümit Süleyman Şehirli*
14:00-14:50	Histology of the respiratory system: Conducting airways	Dr. Özlem Tuğçe Kaya
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
Wednesday	28 April	
09:00-09:50	The larynx	Dr. Ümit Süleyman Şehirli
10:00-10:50	The larynx	Dr. Ümit Süleyman Şehirli
11:00-11:50	Anatomy LAB: The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Ongun*
13:00-13:50	Histology of the respiratory system: respiratory airways	Dr. Özlem Tuğçe Kaya

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14:00-14:50	Histology of the respiratory system: respiratory airways	Dr. Özlem Tuğçe Kaya
15:00-15:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
16:00-16:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
Thursday	29 April	
08:00-08:50	STUDY TIME	
09:00-09:50	The trachea and the lungs	Dr. Aymelek Yalın*
10:00-10:50	The trachea and the lungs	Dr. Aymelek Yalın*
11:00-11:50	Anatomy LAB: The pharynx	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Ongun*
13:00-13:50	Anatomy LAB: The larynx	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Ongun*
14:00-14:50	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber
15:00-15:50	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber
16:00-16:50	STUDY TIME	
Friday	30 April	
08:00-08:50	STUDY TIME	
09:00-09:50	The thoracic wall	Dr. Aymelek Yalın*
10:00-10:50	The thoracic wall	Dr. Aymelek Yalın*
11:00-11:50	The diaphragm	Dr. Ümit Süleyman Şehirli
13:00-13:50	ICS-2: History taking in elderly patients -1	Dr. Amber Eker*
14:00-14:50	ICS-2: History taking in elderly patients -1	Dr. Amber Eker*
15:00-15:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
16:00-16:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*

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WEEK -2 (03 May-07 May 2021)		
Monday	03 May	
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 (MDCN-181-Forensic Sciences)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
16:40-17:30	(MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	
Tuesday	04 May	
08:00-08:50	STUDY TIME	
09:00-09:50	Upper respiratory tract infections	Dr. Ayşegül Karahasan
10:00-10:50	The mediastinum	Dr. Aymelek Yalın*
11:00-11:50	The mediastinum	Dr. Aymelek Yalın*
13:00-13:50	Histology LAB: The respiratory system	Dr. Özlem Tuğçe Kaya Dr. Masoud Afhsani*
14:00-14:50	Alveolar ventilation	Dr. Berrak Yegen
15:00-15:50	Alveolar ventilation	Dr. Berrak Yegen
16:00-16:50	STUDY TIME	
Wednesday	05 May	
08:00-08:50	STUDY TIME	
09:00-09:50	Anatomy LAB: The trachea and the lungs	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Ongun*
10:00-10:50	STUDY TIME	

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11:00-11:50	STUDY TIME	
13:00-13:50	Biophysics of ventilation	Dr. Pınar Mega Tiber
14:00-14:50	Principles of gas exchange	Dr. Pınar Mega Tiber
15:00-15:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
16:00-16:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
Thursday	06 May	
08:00-08:50	STUDY TIME	
09:00-09:50	Buffering function of the lungs	Dr. Alper Yıldırım
10:00-10:50	Parameters of gas exchange in lungs and lung imaging	Dr. Hülya Cabadak
11:00-11:50	STUDY TIME	
13:00-13:50	Transport of blood gases	Dr. Berrak Yegen
14:00-14:50	Transport of blood gases	Dr. Berrak Yegen
15:00-15:50	Anatomy LAB: The thoracic wall	Dr. Ural Verimli Dr. Berfu Çerçi Ongun*
16:00-16:50	Epidemiology of airborne diseases	Dr. Ahmet Topuzoğlu
Friday	07 May	
08:00-08:50	STUDY TIME	
09:00-09:50	Anatomy LAB: The diaphragma	Dr. Ümit Süleyman Şehirli Dr. Berfu Çerçi Ongun*
10:00-10:50	Buffer systems	Dr. Önder Şirikçi
11:00-11:50	Buffer systems	Dr. Önder Şirikçi
13:00-13:50	ICS-2: History taking in elderly patients -2	Dr. Amber Eker*
14:00-14:50	ICS-2: History taking in elderly patients -2	Dr. Amber Eker*
15:00-15:50	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli

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16:00-16:50	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli
WEEK-3 (10 May-14 May 2021)		
Monday	10 May	
08:40-09:30	STUDY TIME	
09:40-10:30	ICS-2 Research: Rules for Oral and Poster Presentations	Dr. İlke Akçay*
10:40-11:30	ICS-2 Research: Rules for Oral and Poster Presentations	Dr. İlke Akçay*
11:40-12:30	ICS-2 Research: Rules for Oral and Poster Presentations	Dr. İlke Akçay*
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	Elective Courses (MDCN-181-Forensic Sciences)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
16:40-17:30	(MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	
Tuesday	11 May	
08:00-08:50	STUDY TIME	
09:00-09:50	STUDY TIME	
10:00-10:50	STUDY TIME	
11:00-11:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
13:00-13:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
Wednesday	12 May	
08:00-08:50	STUDY TIME	

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09:00-09:50	STUDY TIME	
10:00-10:50	STUDY TIME	
11:00-11:50	STUDY TIME	
13:00-13:50	Ramadan Bayram Eve	
14:00-14:50		
15:00-15:50		
16:00-16:50		
Thursday	13 May	
09:00-09:50	Ramadan Bayram	
10:00-10:50		
11:00-11:50		
13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
17:00-17:50		
Friday	14 May	
09:00-09:50	Ramadan Bayram	
10:00-10:50		
11:00-11:50		
13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		

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WEEK-4 (17 May-21 May 2021)		
Monday	17 May	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	ICS-2: Introduction to Physical Examination	Dr. Bülent Sezgin*
11:40-12:30	ICS-2: Introduction to Physical Examination	Dr. Bülent Sezgin*
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
Tuesday	18 May	
09:00-09:50	Microbiological approach to respiratory tract infections	Dr. Zeynep Arzu İlki
10:00-10:50	Clinical application of pulmonary function test	Dr. Sait Karakurt
11:00-11:50	Clinical application of pulmonary function test	Dr. Sait Karakurt
13:00-13:50	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli
14:00-14:50	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli
15:00-15:50	Regulation of respiration	Dr. Yaşar İnci Alican
16:00-16:50	Regulation of respiration	Dr. Yaşar İnci Alican

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17:00-17:50	Anatomy LAB: The mediastinum	Dr. Özlem Kirazlı Dr. Berfu Çerçi Ongun*
Wednesday	19 May	
09:00-09:50	Atatürk Commemoration, Youth and Sports Day	
10:00-10:50		
11:00-11:50		
12:00-12:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
Thursday	20 May	
09:00-09:50	ICS-2: Exam	Dr. Amber Eker*
10:00-10:50		Dr. Bülent Sezgin*
11:00-11:50		Dr. Nevin Yılmaz*
12:00-12:50		Dr. Nilüfer Güzoğlu*
		Dr. Maryam Norouzbahari*
		Inst. Gizem Şanlıtürk*
13:00-13:50	ICS-2: Exam	Dr. Amber Eker*
14:00-14:50		Dr. Bülent Sezgin*
15:00-15:50		Dr. Nevin Yılmaz*
16:00-16:50		Dr. Nilüfer Güzoğlu*
		Dr. Maryam Norouzbahari*
		Inst. Gizem Şanlıtürk*
Friday	21 May	
08:00-08:50	STUDY TIME	
09:00-09:50	STUDY TIME	
10:00-10:50	Pulmonary tuberculosis	Dr. Emel Eryüksel
11:00-11:50	Pulmonary tuberculosis	Dr. Emel Eryüksel

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13:00-13:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	Environmental and occupational causes of lung diseases	Dr. Ahmet Topuzoğlu
16:00-16:50	Physiology of deep-sea diving, aviation, space and high altitude	Dr. Yaşar İnci Alican
WEEK-5 (24 May -28 May)		
Monday	24 May	
08:40-9:30	ICS-2 Research: Project Presentations	Dr. İlke Akçay* Dr. Halil Eren Sakallı* Dr. Ömür Çınar Elçi*
09:40-10:30	ICS-2 Research: Project Presentations	Dr. İlke Akçay* Dr. Halil Eren Sakallı* Dr. Ömür Çınar Elçi*
10:40-11:30	ICS-2 Research: Project Presentations	Dr. İlke Akçay* Dr. Halil Eren Sakallı* Dr. Ömür Çınar Elçi*
11:40-12:30	ICS-2 Research: Project Presentations	Dr. İlke Akçay* Dr. Halil Eren Sakallı* Dr. Ömür Çınar Elçi*
13:40-14:30	ICS-2 Research: Project Presentations	Dr. İlke Akçay*
14:40-15:30	ICS-2 Research: Project Presentations	Dr. İlke Akçay*
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
Tuesday	25 May	
08:00-08:50	STUDY TIME	

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09:00-09:50	STUDY TIME	
10:00-10:50	Pulmonary tuberculosis	Dr. Rengin Asiye Ahıskalı
11:00-11:50	Pulmonary tuberculosis	Dr. Rengin Asiye Ahıskalı
13:00-13:50	Introduction to autonomic nervous system pharmacology	Dr. Zafer Gören
14:00-14:50	Agents affecting sympathetic and parasympathetic nervous system	Dr. Zafer Gören
15:00-15:50	Lung cancer	Dr. Turgay Hüseyin Çelikel
16:00-16:50	Pulmonary thromboembolism	Dr. Turgay Hüseyin Çelikel
Wednesday	26 May	
08:00-08:50	STUDY TIME	
09:00-09:50	Restrictive lung diseases	Dr. Berrin Ceyhan
10:00-10:50	Sarcoidosis	Dr. Berrin Ceyhan
11:00-11:50	Paranasal sinus diseases	Dr. Selçuk İnanlı
13:00-13:50	Pharmacotherapy in tuberculosis	Dr. Eren Sakallı*
14:00-14:50	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
Thursday	27 May	
08:00-08:50	STUDY TIME	
09:00-09:50	Genetics of pulmonary disorders	Dr. Ahmet İlder Güney
10:00-10:50	Control of tuberculosis in primary care	Dr. Ahmet Topuzoğlu
11:00-11:50	Air pollution and its adverse effects on health	Dr. Ahmet Topuzoğlu
13:00-13:50	Spirometry workshop	Dr. Berrin Ceyhan
14:00-14:50	Pleural diseases	Dr. Berrin Ceyhan

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15:00-15:50	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan Dr. Mümtaz Güran*	
16:00-16:50	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan Dr. Mümtaz Güran*	
Friday	28 May		
09:00-09:50	MASCO		
10:00-10:50			
11:00-11:50			
13:00-13:50			
14:00-14:50			
15:00-15:50			
16:00-16:50			
WEEK -6 (31 May- 04 June 2021)			
Monday	31 May		
08:40-09:30	STUDY TIME		
09:40-10:30	ICS-2 Research: Rules for Research Report Writing	Dr. İlke Akçay*	
10:40-11:30	ICS-2 Research: Rules for Research Report Writing	Dr. İlke Akçay*	
11:40-12:30	ICS-2 Research: Rules for Research Report Writing	Dr. İlke Akçay*	
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*	
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*	
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*	
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*	
Tuesday	01 June		
08:00-08:50	STUDY TIME		
09:00-09:50	Viral and fungal diseases of the lung	Dr. Emine Bozkurtlar	

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10:00-10:50	Bacterial pneumonias and lung abscess	Dr. Emine Bozkurtlar
11:00-11:50	Larynx and oropharyngeal diseases	Dr. Ali Cemal Yumuşakhuylu
13:00-13:50	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir
14:00-14:50	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir
15:00-15:50	Counseling for risky behaviors and counseling in adolescents: Smoking	Dr. Çiğdem Apaydın Kaya
16:00-16:50	Introduction to autonomic nervous system pharmacology	Dr. Zafer Gören
Wednesday	02 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Case (RESPIRATORY DISEASES)	Dr. Turgay Hüseyin Çelikel
10:00-10:50	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel
11:00-11:50	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel
13:00-13:50	Neoplastic diseases of the lung	Dr. Rengin Asiye Ahıskalı
14:00-14:50	Neoplastic diseases of the lung	Dr. Rengin Asiye Ahıskalı
15:00-15:50	Oxygen and nebulization therapy; mechanical ventilation	Dr. Sait Karakurt
16:00-16:50	Arterial blood gas analysis	Dr. Emel Eryüksel
Thursday	03 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Approach to adult patient with persistent cough	Dr. Gülru Pemra Ünalın
10:00-10:50	Occupational / environmental lung diseases	Dr. Çiğdem Ataizi Çelikel
11:00-11:50	STUDY TIME	
13:00-13:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*

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15:00-15:50	Pathology of pulmonary circulation	Dr. Çiğdem Ataizi Çelikel
16:00-16:50	Diffuse interstitial lung diseases	Dr. Çiğdem Ataizi Çelikel
Friday	04 June	
08:00-08:50	EMU STUDENT CONGRESS	
09:00-09:50		
10:00-10:50		
11:00-11:50		
13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
Saturday	05 June	
10:00-20:00	TFMS201 EXAM (on MS Teams)	Inst. Emine Özerinç*
WEEK-7 (07 June -11 June 2021)		
Monday	07 June	
08:00-08:50	Feedback on ICS written exams	Dr. Nilüfer Güzoğlu*
09:00-09:50	PBL: Case-Based Discussion (Tobacco control module)	Dr. Elif Dağlı* Dr. Ela Erdem Eralp* Dr. Bülent Sezgin* Dr. Nilüfer Güzoğlu*
10:00-10:50	PBL: Case-Based Discussion (Tobacco control module)	Dr. Elif Dağlı* Dr. Ela Erdem Eralp* Dr. Bülent Sezgin* Dr. Nilüfer Güzoğlu*
11:00-11:50	Influenza and common cold	Dr. Ufuk Hasdemir
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*

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The lectures marked with * will be held on MS Teams Program.

14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
Tuesday	08 June	
08:00-08:50	STUDY TIME	
09:00-09:50	STUDY TIME	
10:00-10:50	Pathology of chronic obstructive pulmonary diseases	Dr. Emine Bozkurtlar
11:00-11:50	Pathology of chronic obstructive pulmonary diseases	Dr. Emine Bozkurtlar
13:00-13:50	Tumors of pleura and mediastinum	Dr. Emine Bozkurtlar
14:00-14:50	Development of the respiratory system	Dr. Serap Şirvancı
15:00-15:50	Development of the respiratory system	Dr. Serap Şirvancı
16:00-16:50	Effects of increased lung pressure	Dr. Pınar Mega Tiber
17:00-17:50	Sleep apnea syndrome	Dr. Mehmet Baran Balcan
Wednesday	09 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Eren Sakallı*
10:00-10:50	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Eren Sakallı*
11:00-11:50	Diffusion of gases	Dr. Özgür Kasımay Çakır

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The lectures marked with * will be held on MS Teams Program.

13:00-13:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	Turkish For Medical Students-III (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	PBL: Case-Based Discussion (Tobacco control module)	Dr. Elif Dağlı* Dr. Ela Erdem Eralp* Dr. Bülent Sezgin* Dr. Nilüfer Güzoğlu*
16:00-16:50	PBL: Case-Based Discussion (Tobacco control module)	Dr. Elif Dağlı* Dr. Ela Erdem Eralp* Dr. Bülent Sezgin* Dr. Nilüfer Güzoğlu*
Thursday	10 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Patient education in chronic diseases: asthma as an example	Dr. Saliha Serap Çifçili
10:00-10:50	Effects of tobacco on human health	Dr. Elif Dağlı
11:00-11:50	Childhood tuberculosis	Dr. Elif Dağlı
13:00-13:50	Lower respiratory tract infections	Dr. Volkan Korten
14:00-14:50	Pneumonia	Dr. Volkan Korten
15:00-15:50	Pneumonia	Dr. Volkan Korten
16:00-16:50	STUDY TIME	
17:00-17:50	STUDY TIME	
Friday	11 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
10:00-10:50	Rational pharmacotherapy in respiratory tract infections and cough	Dr. Eren Sakallı*
11:00-11:50	Occupational asthma	Dr. Emel Eryüksel
13:00-13:50	PBL: Case-Based Discussion (Tobacco control module)	Dr. Elif Dağlı*

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The lectures marked with * will be held on MS Teams Program.

		Dr. Ela Erdem Eralp* Dr. Bülent Sezgin* Dr. Nilüfer Güzoğlu*
14:00-14:50	PBL: Case-Based Discussion (Tobacco control module)	Dr. Elif Dağlı* Dr. Ela Erdem Eralp* Dr. Bülent Sezgin* Dr. Nilüfer Güzoğlu*
15:00-15:50	Radiological examination of the chest	Dr. Nuri Çagatay Çimşit
16:00-16:50	Radiological examination of the chest	Dr. Nuri Çagatay Çimşit
17:00-17:50	Diseases of mediastinum and diaphragm	Dr. Emel Eryüksel
Saturday	12 June	
10:00-13:00	TFMS201-EXAM	Inst. Emine Özerinç*
WEEK -8 (14 June – 18 June 2021)		
Monday	14 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Agents affecting sympathetic and parasympathetic nervous system	Dr. Zafer Gören
10:00-10:50	PBL: Case-Based Discussion (Tobacco control module)	Dr. Elif Dağlı* Dr. Ela Erdem Eralp* Dr. Bülent Sezgin* Dr. Nilüfer Güzoğlu*
11:00-11:50	STUDY TIME	
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
15:40-16:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç*
16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences)	Dr. Cemal Gürkan* Inst. Nurtane Karagil*

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The lectures marked with * will be held on MS Teams Program.

	(MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Deren Çeker*
Tuesday	15 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Bronchial hyperreactivity and asthma	Dr. Ela Erdem Eralp
10:00-10:50	Otitis media and complications	Dr. Abdullah Çağlar Batman
11:00-11:50	STUDY TIME	
13:00-13:50	Respiratory Failure	Dr. Sait Karakurt
14:00-14:50	A patient with cough and fever	Dr. Sait Karakurt
15:00-15:50	Diseases of upper airways	Dr. Zeliha Leyla Cinel
16:00-16:50	Diseases of upper airways	Dr. Zeliha Leyla Cinel
17:00-17:50	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum-I-Group A	Dr. Emine Bozkurtlar
18:00-18:50	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum-I-Group A	Dr. Emine Bozkurtlar
Wednesday	16 June	
08:00-08:50	STUDY TIME	
09:00-09:50	Agents affecting sympathetic and parasympathetic nervous system	Dr. Zafer Gören
10:00-10:50	Approach to dyspnea in primary care	Dr. Çiğdem Apaydın Kaya
11:00-11:50	Rational use of antibiotics in respiratory diseases	Dr. Elif Tigen
13:00-13:50	Ventilation - perfusion scintigraphy	Dr. Nahide Gökçora*
14:00-14:50	Molecular mechanisms in lung cancer	Dr. Ahmet İlder Güney
15:00-15:50	Lung cancer	Dr. Turgay Hüseyin Çelikel
16:00-16:50	Pulmonary thromboembolism	Dr. Turgay Hüseyin Çelikel
Thursday	17 June	

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The lectures marked with * will be held on MS Teams Program.

08:00-08:50	STUDY TIME	
09:00-09:50	STUDY TIME	
10:00-10:50	STUDY TIME	
11:00-11:50	STUDY TIME	
13:00-13:50	STUDY TIME	
14:00-14:50	STUDY TIME	
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
Friday	18 June	
08:00-08:50	STUDY TIME	
09:00-09:50	STUDY TIME	
10:00-10:50	STUDY TIME	
11:00-11:50	STUDY TIME	
13:00-13:50	STUDY TIME	
14:00-14:50	STUDY TIME	
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
WEEK -9 (21 June-25 June 2021)		
Monday	21 June	
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	

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The lectures marked with * will be held on MS Teams Program.

14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	22 June	
08:00-08:50	STUDY TIME	
09:00-09:50	STUDY TIME	
10:00-10:50	STUDY TIME	
11:00-11:50	STUDY TIME	
13:00-13:50	STUDY TIME	
14:00-14:50	STUDY TIME	
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
Wednesday	23 June	
09:00-09:50		
10:00-10:50		
11:00-11:50		
13:00-13:50	Y2C5 THEORETICAL EXAM Starts at 14:30	
14:00-14:50		
15:00-15:50		
16:00-16:50	Y2C5 EXAM FEEDBACK SESSION	Dr. Halil Eren Sakallı* Dr. Masoud Afshani*
Thursday	24 June	
09:00-09:50		
10:00-10:50		
11:00-11:50		

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The lectures marked with * will be held on MS Teams Program.

13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
Friday	25 June	
09:00-09:50		
10:00-10:50		
11:00-11:50		
13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
17:00-17:50		