

MARMARA UNIVERSITY EASTERN MEDITERRANEAN UNIVERSITY INTERNATIONAL MEDICAL SCHOOL





RESPIRATORY SYSTEM AND RELATED DISORDERS YEAR 2 COURSE 5

May 02, 2022 – June 29, 2022

Year 2 Coordinators

Prof. Özgür Kasımay ÇAKIR & Assist. Prof. M. Burak AKSU & Assoc. Prof. Mümtaz GÜRAN			
Module Coordinators	Coordinators of Multidiciplinary Students' Lab.		
Prof. Rezzan GÜLHAN & Assist. Prof. Bülent SEZGİN	Prof. Betül YILMAZ & Assist. Prof. Ergül Mutlu ALTUNDAĞ		
Coordinators of Clinical Skill Lab.	Coordinators of ICS Res. Lab.		
Prof. Pemra ÜNALAN & Assoc. Prof. Nilüfer GÜZOĞLU	Prof. Pemra ÜNALAN & Assist. Prof. İlke AKÇAY		
Vice-Chief Coordinators			
Assessment	Students' Affairs		
Assist. Prof. Cevdet NACAR & Assist. Prof. H. Eren	Asisst. Prof. Can ERZİK		
SAKALLI	Inst. Ayşen ŞEKERİM		
Chief Coordinators	Coordinator of Medical Education Program		
Prof. Hasan R. YANANLI & Assist. Prof. Masoud	Evaluation and Development Commission		
AFSHANI	Prof. Harika ALPAY		
Coordinator of the	ne Joint Program		
Prof. Ümit Süleyman ŞEHİRLİ			
Dean (EMU)	Dean (MU)		
Prof. Nahide GÖKÇORA	Prof. Ümit Süleyman 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, Course4: 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

Ahmet İlter GÜNEY, Assoc. Prof., Medical Genetics

Ahmet TOPUZOĞLU, Prof., Public Health

Ali Cemal YUMUŞAKHUYLU, Assoc. Prof.,

Otorhinolarygology

Alper YILDIRIM, Assoc. Prof., Physiology

Arzu AKŞİT İLKİ, Prof., Medical Microbiology

Aymelek YALIN, Prof., Anatomy

Ayşe ATASOYLU, Inst., Advanced Physical Exam Skills&

Intro to Clinical Reasoning

Ayşegül KARAHASAN, Prof., Microbiology

Berfu ÇERÇİ ÖNGÜN, Inst., Anatomy

Berrak YEĞEN, Prof., Physiology

Bülent Taner KARADAĞ, Prof., Pediatrics

Bülent SEZGİN, Assist. Prof., Internal Medicine

Cemal GÜRKAN, Inst., Forensic Sciences

Ciğdem APAYDIN KAYA, Assoc. Prof., Public Health

Çiğdem ATAİZİ ÇELİKEL, Prof., Pathology

Deren ÇEKER, Inst., Medical Anthropology

Elif DAĞLI, Prof., Pediatrics

Emel ERYÜKSEL, Prof., Pediatrics

Emine ÖZERİNÇ, Inst., Turkish Language

Emine BOZKURTLAR, Assist. Prof., Pathology

Ethem GELİR, Prof., Physiology

Gülru Pemra ÜNALAN, Prof., Family Medicine

Halil Eren SAKALLI, Assist. Prof., Pharmacology

Hatice BORACI EFEKAN, Inst., Anatomy

Hülya CABADAK, Prof., Biophysics

Hüseyin ARIKAN, Assist. Prof., Pulmonary Medicine

Ilke AKÇAY, Assist. Prof., Biostatistics

Mümtaz GÜRAN, Assoc. Prof., Microbiology

Nahide GÖKÇORA, Prof., Nuclear Medicine

Necati ENVER, Assist. Prof., Otorhinolarygology

Nilüfer GÜZOĞLU, Assoc. Prof., Neonatalogy

Nuri Çağatay ÇİMŞİT, Prof., Radiology

Nurtane KARAGİL, Inst., Arts and Crafts

Masoud AFSHANİ, Asisst. Prof., Histology and Embryology

Önder ŞİRİKÇİ, Prof., Biochemistry

Özgür KASIMAY CAKIR, Prof., Physiology

Özlem Tuğçe KAYA, Assoc. Prof., Histology

Pinar Mega TİBER, Assoc. Prof., Biophysics

Saliha Serap ÇİFÇİLİ, Prof., Family Medicine

Sait KARAKURT, Prof., Pulmonary Medicine

Selçuk İNANLI, Prof., Otorhinolarygology

Serap ŞİRVANCI, Prof., Histology and Embryology

Şehnaz OLGUN YILDIZELI, Assoc. Prof., Pulmonary Medicine

Turgay Hüseyin ÇELİKEL, Prof., Pulmonary Medicine

Ural VERİMLİ, Assist. Prof., Anatomy

Ufuk HASDEMİR, Prof., Microbiology

Volkan KORTEN, Prof., Infectious Diseases

Zeliha Leyla CİNEL, Prof., Pathology

Zafer GÖREN, Prof., Pharmacology

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.
- Nettler 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, Texfbook of Medical Physiology
- GINA (Global Initiative for Asthma).
- Kumar V, Abbas AK, Fausto N, Aster (Eds.): Robbins & Cotran Pathologic basis of disease, 8th Ed.

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	12	7	19
Biochemistry	2		2
Biophysics	6		6
Family Medicine	2		2
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	9		9
Pharmacology	7		7
Physiology	9	1	10
Public Health	5		5
Pulmonary Medicine	18		18
Radiology	2		2
Subtotal	106	13	119
Module (PBL)	16		16
ICS-2: Basic Clinical Skills	15		15
ICS-2: Human in Medicine	2		2
ICS-2: Student Research Activity	4	6	10
Turkish for Medical Students-III	21		21
Turkish for Medical Students-III (Interactive session)	18		18
Elective Courses	8		8
Total	191	19	210

		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR		
Week - 1 (02 May- 06 May, 2022)					
	Calendar Days		Instructor Name	Lecture Platform	
Monday	02 May				
08:40-09:30					
09:40-10:30					
10:40-11:30					
11:40-12:30					
		Feast of Ramadan			
13:40-14:30					
14:40-15:30					
15:40-16-30					
16:40-17-30					
Tuesday	03 May				
08:40-09:30					
09:40-10:30					
10:40-11:30					
11:40-12:30					
		Feast of Rama	adan		
13:40-14:30					
14:40-15:30					
15:40-16-30					
16:40-17-30				1	
Wednesday	04 May				
08:40-09:30					
09:40-10:30		Feast of Rama	adan		
10:40-11:30					

11:40-12:30			
13:40-14:30			
14:40-15:30			
15:40-16-30			
16:40-17-30			
Thursday	05 May		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	MS TEAMS
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	MS TEAMS
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	MS TEAMS
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	MS TEAMS
15:40-16-30	STUDY TIME		
16:40-17-30	STUDY TIME		
Friday	06 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	STUDY TIME		
16:40-17-30	STUDY TIME		
	Week - 2 (09 May – 13 May, 202	22)	
	Calendar Days	Instructor Name	Lecture Platform
Monday	09 May		

08:40-09:30	Introduction to the course of Breath and Respiration in Medicine	Dr. Mümtaz Güran	IN CLASS
09:40-10:30	ICS-2: History taking- Written Exam	Dr. Nilüfer Güzoğlu	IN CLASS
10:40-11:30	ICS-2: History taking- Oral Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
11:40-12:30	ICS-2: History taking- Oral Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
13:40-14:30	ICS-2: History taking- Oral Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
14:40-15:30	ICS-2: History taking- Oral Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
15:40-16-30	ICS-2: History taking- Oral Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
16:40-17-30	ICS-2: History taking- Oral Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
Tuesday	10 May		
08:40-09:30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Halil Eren Sakallı	ICS LAB
09:40-10:30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Halil Eren Sakallı	ICS LAB
10:40-11:30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Halil Eren Sakallı	ICS LAB

08:40-09:30	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	
Thursday	12 May		
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16:40-17-30	Transport of blood gases	Dr. Berrak Yegen	IN CLASS
15:40-16-30	Transport of blood gases	Dr. Berrak Yegen	IN CLASS
14:40-15:30	Alveolar ventilation	Dr. Berrak Yegen	IN CLASS
13:40-14:30	Alveolar ventilation	Dr. Berrak Yegen	IN CLASS
11:40-12:30	Histology of the respiratory system: respiratory airways	Dr. Özlem Tuğçe Kaya	MS TEAMS
10:40-11:30	Histology of the respiratory system: respiratory airways	Dr. Özlem Tuğçe Kaya	MS TEAMS
09:40-10:30	Histology of the respiratory system: Conducting airways	Dr. Özlem Tuğçe Kaya	MS TEAMS
08:40-09:30	STUDY TIME		
Wednesday	11 May		
16:40-17-30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
15:40-16-30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
14:40-15:30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Bülent Sezgin Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu	ICS LAB
13:40-14:30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Halil Eren Sakallı Dr. Ayşe Atasoylu Dr. Bülent Sezgin	ICS LAB
		DI. Halli Eleli Sakalli	
11:40-12:30	ICS-2: CSL Exam	Dr. Amber Eker Dr. Nilüfer Güzoğlu Dr. Halil Eren Sakallı	ICS LAB

		suitable time can be arra	nged.
09:40-10:30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
	Histology LAB: The respiratory system (Group A)	Dr. Masoud Afshani	IN CLASS
10:40-11:30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	Histology LAB: The respiratory system (Group B)	Dr. Masoud Afshani	IN CLASS
13:40-14:30	Development of the respiratory system	Dr. Serap Şirvancı	MS TEAMS
14:40-15:30	Development of the respiratory system	Dr. Serap Şirvancı	MS TEAMS
15:40-16-30	Buffer systems	Dr. Önder Şirikçi	MS TEAMS
16:40-17-30	Buffer systems	Dr. Önder Şirikçi	MS TEAMS
Friday	13 May		
08:40-09:30	The nose, associated structures and paranasal sinuses	Dr. Ural Verimli	IN CLASS
09:40-10:30	The nose, associated structures and paranasal sinuses	Dr. Ural Verimli	IN CLASS
10:40-11:30	The pharynx	Dr. Ural Verimli	IN CLASS
11:40-12:30	The larynx	Dr. Ural Verimli	IN CLASS
13:40-14:30	The larynx	Dr. Ural Verimli	IN CLASS
14:40-15:30	The diaphragm	Dr. Ural Verimli	IN CLASS
15:40-16-30	Anatomy LAB: The nose, associated structures and paranasal sinuses	Dr. Ural Verimli Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
16:40-17-30	Anatomy LAB: The nose, associated structures and paranasal sinuses	Dr. Ural Verimli Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
	Week - 3 (16 May – 20 May, 2	2022)	
	Calendar Days	Instructor Name	Lecture Platform
Monday	16 May		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	ICS-2: Rules for Oral and Poster Presentations	Dr. İlke Akçay	IN CLASS
11:40-12:30	ICS-2: Rules for Oral and Poster Presentations	Dr. İlke Akçay	IN CLASS

13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	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	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	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	17 May		
08:40-09:30	Anatomy LAB: The pharynx	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
09:40-10:30	Anatomy LAB: The pharynx	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
10:40-11:30	Anatomy LAB: The larynx	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	Anatomy LAB: The larynx	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	The trachea and the lungs	Dr. Aymelek Yalın	MS TEAMS
14:40-15:30	The trachea and the lungs	Dr. Aymelek Yalın	MS TEAMS
15:40-16-30	ICS-2: HIM - Social Concepts Workshop Exam	Dr. Bülent Sezgin	IN CLASS
16:40-17-30	ICS-2: HIM - Social Concepts Workshop Exam	Dr. Bülent Sezgin	IN CLASS
Wednesday	18 May		
08:40-09:30	Anatomy LAB: The diaphragm	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
09:40-10:30	Anatomy LAB: The diaphragm	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
10:40-11:30	Anatomy LAB: The trachea and the lungs	Dr. Berfu Çerçi Öngün	IN CLASS

		Inst. Hatice Boracı	
	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
		Dr. Berfu Çerçi Öngün	
11:40-12:30	Anatomy LAB: The trachea and the lungs	Inst. Hatice Boracı	IN CLASS
	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	Parameters of gas exchange in lungs and lung imaging	Dr. Hülya Cabadak	MS TEAMS
14:40-15:30	STUDY TIME		
15:40-16-30	STUDY TIME		
16:40-17-30	STUDY TIME		
Thursday	19 May		
08:40-09:30			
09:40-10:30			
10:40-11:30			
11:40-12:30			
	Atatürk Commemoration, Y	outh and Sports Da	У
13:40-14:30			
14:40-15:30			
15:40-16-30			
16:40-17-30			
Friday	20 May		
08:40-09:30			
09:40-10:30			
10:40-11:30			
11:40-12:30	EMU STUDENT C	ONGRESS	
	2 3. 3.2111 6		
13:40-14:30			
14:40-15:30			
15:40-16-30			
16:40-17-30			

17:40-18:30			
	Week – 4 (23 May – 27 May, 20	022)	
	Calendar Days	Instructor Name	Lecture Platform
Monday	23 May		
08:40-09:30	ICS-2 Research: Project Presentations	Dr. Saliha Serap Çifçili Dr. Halil Eren Sakallı Dr. İlke Akçay	IN CLASS
09:40-10:30	ICS-2 Research: Project Presentations	Dr. Saliha Serap Çifçili Dr. Halil Eren Sakallı Dr. İlke Akçay	IN CLASS
10:40-11:30	ICS-2 Research: Project Presentations	Dr. Saliha Serap Çifçili Dr. Halil Eren Sakallı Dr. İlke Akçay	IN CLASS
11:40-12:30	ICS-2 Research: Project Presentations	Dr. Saliha Serap Çifçili Dr. Halil Eren Sakallı Dr. İlke Akçay	IN CLASS
13:40-14:30	Approach to adult patient with persistent cough	Dr. Gülru Pemra Ünalan	IN CLASS
14:40-15:30	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	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	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	24 May		
08:40-09:30	The thoracic wall	Dr. Aymelek Yalın	MS TEAMS
09:40-10:30	The thoracic wall	Dr. Aymelek Yalın	MS TEAMS
10:40-11:30	The mediastinum	Dr. Aymelek Yalın	MS TEAMS
11:40-12:30	The mediastinum	Dr. Aymelek Yalın	MS TEAMS
13:40-14:30	Buffering function of the lungs	Dr. Alper Yıldırım	IN CLASS

14:40-15:30	Anatomy LAB: The thoracic wall	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
15:40-16:30	Anatomy LAB: The thoracic wall	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
16:40-17-30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
Wednesday	25 May		
08:40-09:30	Diffusion of gases	Dr. Özgür Kasımay Çakır	IN CLASS
09:40-10:30	Physiology LAB: Pulmonary function 1 & 2 (Group A)	Dr. Ethem Gelir Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
10:40-11:30	Physiology LAB: Pulmonary function 1 & 2 (Group B)	Dr. Ethem Gelir Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	Physiology LAB: Pulmonary function 1 & 2 (Group C)	Dr. Ethem Gelir Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
13:40-14:30	Physiology LAB: Pulmonary function 1 & 2 (Group D)	Dr. Ethem Gelir Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
14:40-15:30	Physiology LAB: Pulmonary function 1 & 2 (Group E)	Dr. Ethem Gelir Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
15:40-16-30	Physiology LAB: Pulmonary function 1 & 2 (Group F)	Dr. Ethem Gelir Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım	IN CLASS
16:40-17-30	STUDY TIME		
Thursday	26 May		
08:40-09:30	Radiological examination of the chest	Dr. Nuri Çagatay Çimşit	MS TEAMS
09:40-10:30	Radiological examination of the chest	Dr. Nuri Çagatay Çimşit	MS TEAMS
10:40-11:30	Diseases of upper airways	Dr. Zeliha Leyla Cinel	MS TEAMS
11:40-12:30	Diseases of upper airways	Dr. Zeliha Leyla Cinel	MS TEAMS

13:40-14:30	STUDY TIME		
14:40-15:30	Otitis media and complications	Dr. Necati Enver	MS TEAMS
15:40-16-30	Paranasal sinus diseases	Dr. Necati Enver	MS TEAMS
16:40-17-30	Larynx and oropharyngeal diseases	Dr. Ali Cemal Yumuşakhuylu	MS TEAMS
Friday	27 May		
08:40-09:30			
09:40-10:30			
10:40-11:30			
11:40-12:30			
	MASCO		
13:40-14:30	_		
14:40-15:30			
15:40-16-30			
16:40-17-30			
	Week – 5 (30 May- 03 June, 20	022)	
	Calendar Days	Instructor Name	Lecture Platform
Monday	30 May		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	STUDY TIME		
11:40-12:30	Microbiological approach to respiratory tract infections	Dr. Arzu Akşit İlki	MS TEAMS
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	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	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	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	31 May		
08:40-09:30	Anatomy LAB: The mediastinum	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
09:40-10:30	Anatomy LAB: The mediastinum	Dr. Berfu Çerçi Öngün Inst. Hatice Boracı	IN CLASS
10:40-11:30	Ventilation - perfusion scintigraphy	Dr. Nahide Gökçora	IN CLASS
11:40-12:30	Physiology of deep sea diving, aviation, space and high altitude	Dr. Ethem Gelir	IN CLASS
13:40-14:30	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli	IN CLASS
14:40-15:30	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli	IN CLASS
15:40-16-30	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli	IN CLASS
16:40-17-30	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli	IN CLASS
Wednesday	01 June		
08:40-09:30	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.	
09:40-10:30	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber	IN CLASS
10:40-11:30	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber	IN CLASS
11:40-12:30	Effects of increased lung pressure	Dr. Pınar Mega Tiber	IN CLASS
13:40-14:30	Upper respiratory tract infections	Dr. Ayşegül Karahasan	IN CLASS
14:40-15:30	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan Dr. Mümtaz Güran	IN CLASS
15:40-16-30	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan Dr. Mümtaz Güran	IN CLASS

16:40-17-30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
Thursday	02 June		
08:40-09:30	Regulation of respiration	Dr. Ethem Gelir	IN CLASS
09:40-10:30	Regulation of respiration	Dr. Ethem Gelir	IN CLASS
10:40-11:30	ICS-2 Research: Rules for Research Report Writing	Dr. İlke Akçay	IN CLASS
11:40-12:30	ICS-2 Research: Rules for Research Report Writing	Dr. İlke Akçay	IN CLASS
13:40-14:30	Epidemiology of airborne diseases	Dr. Ahmet Topuzoğlu	MS TEAMS
14:40-15:30	Environmental and occupational causes of lung diseases	Dr. Ahmet Topuzoğlu	MS TEAMS
15:40-16-30	Air pollution and its adverse effects on health	Dr. Ahmet Topuzoğlu	MS TEAMS
16:40-17-30	Control of tuberculosis in primary care	Dr. Ahmet Topuzoğlu	MS TEAMS
Friday	03 June		
08:40-09:30	STUDY TIME		
09:40-10:30	Rational use of antibiotics in respiratory diseases	Dr. Volkan Korten	IN CLASS
10:40-11:30	Lower respiratory tract infections	Dr. Volkan Korten	IN CLASS
11:40-12:30	Rational pharmacotherapy in respiratory tract infections and cough	Dr. Halil Eren Sakallı	IN CLASS
13:40-14:30	Biophysics of ventilation	Dr. Pınar Mega Tiber	IN CLASS
14:40-15:30	Principles of gas exchange	Dr. Pınar Mega Tiber	IN CLASS
15:40-16-30	Pneumonia	Dr. Volkan Korten	IN CLASS
16:40-17-30	Pneumonia	Dr. Volkan Korten	IN CLASS
	Week – 6 (06 June - 10 June, 20	022)	
	Calendar Days	Instructor Name	Lecture Platform
Monday	06 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	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
14:40-15:30	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	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	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	07 June		
08:40-09:30	Influenza and common cold	Dr. Ufuk Hasdemir	MS TEAMS
09:40-10:30	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir	MS TEAMS
10:40-11:30	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir	MS TEAMS
11:40-12:30	Counseling for risky behaviors and counseling in adolescents: Smoking	Dr. Çiğdem Apaydın Kaya	MS TEAMS
13:40-14:30	Genetics of pulmonary disorders	Dr. Ahmet İlter Güney	IN CLASS
14:40-15:30	Molecular mechanisms in lung cancer	Dr. Ahmet İlter Güney	IN CLASS
15:40-16-30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
16:40-17-30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
Wednesday	08 June		
08:40-09:30	STUDY TIME		
09:40-10:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel	IN CLASS
10:40-11:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel	IN CLASS
11:40-12:30	Occupational asthma	Dr. Emel Eryüksel	IN CLASS
13:40-14:30	Diseases of mediastinum and diaphragm	Dr. Emel Eryüksel	IN CLASS
14:40-15:30	Arterial blood gas analysis	Dr. Emel Eryüksel	IN CLASS

15:40-16-30	STUDY TIME		
16:40-17-30	STUDY TIME		
10.40-17-30	STORT HIVE		
Thursday	09 June		
08:40-09:30	Pharmacotherapy in tuberculosis	Dr. Halil Eren Sakallı	IN CLASS
09:40-10:30	Oxygen and nebulization therapy; mechanical ventilation	Dr. Sait Karakurt	IN CLASS
10:40-11:30	A patient with cough and fever	Dr. Sait Karakurt	IN CLASS
11:40-12:30	Sleep apnea syndrome	Dr. Sait Karakurt	IN CLASS
13:40-14:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt	IN CLASS
14:40-15:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt	IN CLASS
15:40-16-30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
16:40-17-30	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	IN CLASS
Friday	10 June		
08:40-09:30	Restrictive lung diseases	Dr. Hüseyin Arıkan	IN CLASS
09:40-10:30	Sarcoidosis	Dr. Hüseyin Arıkan	IN CLASS
10:40-11:30	Pleural diseases	Dr. Hüseyin Arıkan	IN CLASS
11:40-12:30	STUDY TIME		
13:40-14:30	Patient education in chronic diseases: asthma as an example	Dr. Saliha Serap Çifçili	MS TEAMS
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
	Week – 7 (13 June - 17 June, 20	22)	
	Calendar Days	Instructor Name	Lecture Platform
Monday	13 June		
08:40-09:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
09:40-10:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS

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10:40-11:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
11:40-12:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
13:40-14:30	Effects of tobacco on human health	Dr. Elif Dağlı	IN CLASS
14:40-15:30	Childhood tuberculosis	Dr. Bülent Taner Karadağ	IN CLASS
15:40-16-30	Bronchial hyperreactivity and asthma	Dr. Bülent Taner Karadağ	IN CLASS
16:40-17-30	Bronchial hyperreactivity and asthma	Dr. Bülent Taner Karadağ	IN CLASS
Tuesday	14 June		
08:40-09:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
09:40-10:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
10:40-11:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
11:40-12:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
13:40-14:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
14:40-15:30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
15:40-16-30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
16:40-17-30	Module	Dr. Bülent Taner Karadağ Dr. Elif Dağlı	IN CLASS
Wednesday	15 June		
08:40-09:30	Module	Dr. Elif Dağlı	IN CLASS
09:40-10:30	Module	Dr. Elif Dağlı	IN CLASS
10:40-11:30	Module	Dr. Elif Dağlı	IN CLASS
11:40-12:30	Module	Dr. Elif Dağlı	IN CLASS
13:40-14:30	Introduction to autonomic nervous system pharmacology	Dr. Zafer Gören	MS TEAMS

1	Agents affecting sympathetic and parasympathetic		
14:40-15:30	nervous system	Dr. Zafer Gören	MS TEAMS
15:40-16-30	Agents affecting sympathetic and parasympathetic nervous system	Dr. Zafer Gören	MS TEAMS
16:40-17-30	STUDY TIME		
Thursday	16 June		
08:40-09:30			
09:40-10:30	Y1C4 THEORETICAL EXAM		
10:40-11:30			
11:40-12:30			
13:40-14:30	Viral and fungal diseases of the lung	Dr. Emine Bozkurtlar	IN CLASS
14:40-15:30	Pulmonary Tuberculosis	Dr. Emine Bozkurtlar	IN CLASS
15:40-16-30	Pulmonary Tuberculosis	Dr. Emine Bozkurtlar	IN CLASS
16:40-17-30	Bacterial pneumonias and lung abscess	Dr. Emine Bozkurtlar	IN CLASS
Friday	17 June		
08:40-09:30	STUDY TIME		IN CLASS
09:40-10:30	Tumors of pleura and mediastinum	Dr. Emine Bozkurtlar	IN CLASS
05.40-10.30			
10:40-11:30	Neoplastic diseases of the lung	Dr. Emine Bozkurtlar	IN CLASS
	Neoplastic diseases of the lung Neoplastic diseases of the lung	Dr. Emine Bozkurtlar Dr. Emine Bozkurtlar	IN CLASS IN CLASS
10:40-11:30	-		
10:40-11:30	-		
10:40-11:30 11:40-12:30	Neoplastic diseases of the lung Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I	Dr. Emine Bozkurtlar	IN CLASS
10:40-11:30 11:40-12:30 13:40-14:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I (Group A) Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I	Dr. Emine Bozkurtlar Dr. Emine Bozkurtlar	IN CLASS
10:40-11:30 11:40-12:30 13:40-14:30 14:40-15:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I (Group A) Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I (Group B) Pathology LAB: Neoplastic Diseases of Respiratory Tract-I (Group B)	Dr. Emine Bozkurtlar Dr. Emine Bozkurtlar Dr. Emine Bozkurtlar	IN CLASS IN CLASS

Sunday	19 June		
12:00-15:00	Turkish for Medical Students-III (Interactive session)	Inst. Emine Özerinç	MS TEAMS
	Week – 8 (20 June - 24 June, 20	022)	
	Calendar Days	Instructor Name	Lecture Platform
Monday	20 June		
08:40-09:30	Pathology of chronic obstructive pulmonary diseases	Dr. Çiğdem Ataizi Çelikel	IN CLASS
09:40-10:30	Pathology of chronic obstructive pulmonary diseases	Dr. Çiğdem Ataizi Çelikel	IN CLASS
10:40-11:30	Pathology of pulmonary circulation	Dr. Çiğdem Ataizi Çelikel	IN CLASS
11:40-12:30	Respiratory failure	Dr. Turgay Hüseyin Çelikel	IN CLASS
13:40-14:30	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel	IN CLASS
14:40-15:30	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel	IN CLASS
15:40-16-30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
16:40-17-30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç	IN CLASS
Tuesday	21 June		
08:40-09:30	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Halil Eren Sakallı	IN CLASS
09:40-10:30	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Halil Eren Sakallı	IN CLASS
10:40-11:30	Diffuse interstitial lung diseases	Dr. Çiğdem Ataizi Çelikel	IN CLASS
11:40-12:30	Occupational / Environmental Lung Diseases	Dr. Çiğdem Ataizi Çelikel	IN CLASS
13:40-14:30	Pulmonary thromboembolism	Dr. Turgay Hüseyin Çelikel	IN CLASS
14:40-15:30	Lung cancer	Dr. Turgay Hüseyin Çelikel	IN CLASS
15:40-16-30	Case (RESPIRATORY DISEASES)	Dr. Turgay Hüseyin Çelikel	IN CLASS
16:40-17-30	ICS-2 Research: Feedback session	Dr. İlke Akçay	IN CLASS

Wednesday	22 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	
14:40-15:30	STUDY TIME	
15:40-16-30	STUDY TIME	
16:40-17-30	STUDY TIME	
Thursday	23 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	
14:40-15:30	STUDY TIME	
15:40-16-30	STUDY TIME	
16:40-17-30	STUDY TIME	
Friday	24 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	
14:40-15:30	STUDY TIME	
15:40-16-30	STUDY TIME	
16:40-17-30	STUDY TIME	

	Week – 9 (27 June - 01 July, 2022)		
	Calendar Days	Instructor Name	Lecture Platform
Monday	27 June		
08:40-09:30			
09:40-10:30	ANATOMY PRACTICAL EXAM	Dr. Berfu Çerçi Öngün	INICIACE
10:40-11:30	ANATOWY PRACTICAL EXAM	Inst. Hatice Boracı	IN CLASS
11:40-12:30			
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16-30	STUDY TIME		
16:40-17-30	STUDY TIME		
Tuesday	28 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		
14:40-15:30	STUDY TIME		
15:40-16-30	STUDY TIME		
16:40-17-30	STUDY TIME		
Wednesday	29 June		
08:40-09:30			
09:40-10:30	V2C5 THEORETIC	ΔΙ ΕΧΔΙΛΙ	
10:40-11:30	Y2C5 THEORETICAL EXAM		
11:40-12:30			
13:40-14:30	Committee Exam Feedback Session	Dr. Mümtaz Güran	

14:40-15:30		Dr. Halil Eren Sakallı	IN CLASS
15:40-16-30			
16:40-17-30			
Thursday	30 June		
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			
Friday	01 July		
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			