



**RESPIRATORY SYSTEM AND RELATED DISORDERS
YEAR 2 COURSE 5
April 29th – June 21st, 2019**

Year 2 Coordinators

Assoc. Prof., Özgür Kasımay ÇAKIR & Assist. Prof., Burak AKSU & Dr. Masoud AFSHANI

<p>Module Coordinators Assoc. Prof., Özlem SARIKAYA & Inst., Berfu Çerçi ÖNGÜN</p>	<p>Introduction to Clinician Skills (ICS) Coordinators Assoc. Prof., Pemra ÜNALAN & Assist. Prof. Dr. Bülent SEZGIN</p>
<p>Coordinators of Clinical Skill Lab. Assoc. Prof., Pemra ÜNALAN & Assist. Prof. Dr. Bülent SEZGIN</p>	<p>Coordinators of ICS Res. Lab. Prof., Sibel SAKARYA & Assist. Prof., İlke Çetin Akçay</p>
<p>Coordinators of Multidiciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR & Assist. Prof., Mümtaz GÜRAN</p>	<p>Coordinators of Assessment Unite Asisst. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI</p>
<p>Vice-Chief Coordinators</p>	
<p>Assessment Asisst. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI</p>	<p>Students' Affairs Asisst. Prof., Can ERZİK & Assist. Prof., İlke AKÇAY</p>
<p>Chief Coordinators Assoc. Prof., Hasan YANANLI & Assist. Prof., Mümtaz GÜRAN</p>	<p>Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN</p>
<p>Educational Consultant Assoc. Prof., Mehmet Ali GÜLPINAR</p>	
<p>Dean (EMU) Prof., Nahide GÖKÇORA</p>	<p>Dean (MU) Prof., Hakan GÜNDÜZ</p>

LEARNING OUTCOMES / COMPETENCIES

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

PHASE-1 LEARNING OBJECTIVES

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

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

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

Year 1, Course 2: Cellular Metabolism and Transport

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

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

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

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

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

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

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course: Growth, Development, Mental Health and Related Disorders

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

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 TOPUZÖĞLU, Assoc. Professor of Public Health
 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. Prof. Family Medicine
 Çiğdem ÇELİKEL, Professor of Pathology
 Dilek AKAKIN, Assoc. Professor of Histology & Embryology
 Duygu GENÇALP, Instructor of Medical Biochemistry
 Elif DAĞLI, Professor of Pediatrics

İlter GÜNEY, Assist. Professor of Medical Genetics
 İnci ALİCAN, Professor of Physiology
 Leyla Cinel, Professor of Pathology
 Masoud AFSHANI, Instructor of Histology & Embryology
 Mümtaz GÜRAN, Assist. Professor of Microbiology
 Nahide GÖKÇORA, Professor of Nuclear Medicine
 Nevber İSTİLLOZLU, Instructor of School of Foreign Languages and Preparatory School
 Nurtane KARAGIL, Instructor of Arts and Crafts
 Onur BUĞDAYCI, Assist. Professor of Radiology
 Önder ŞIRIKÇI, Professor of Medical Biochemistry
 Özgür KASIMAY, Assoc. Professor of Physiology
 Pemra ÜNALAN, Professor of Family Medicine
 Pınar Mega TİBER, Assist. Professor of Biophysics
 Sait KARAKURT, Professor of Pulmonary Medicine

Emel ERYÜKSEL, Assoc. Professor of Pulmonary Medicine
Emine Özerinç, Instructor of Turkish Language
Eren Sakallı, Assist. Professor of Pharmacology
Güner SÖYLEDIR, Professor of Microbiology
Hasan Toper, Assist. Professor of Pathology
Hülya CABADAK, Assoc. Professor of Biophysics
İlke Çetin Akçay, Assist. Professor of Biostatistics

Selçuk İNANLI, Professor of Otorhinolaryngology
Serap ÇİFÇİLİ, Assoc. Prof. Family Medicine
Şehnaz OLGUN, Assist. Professor of Pulmonary Medicine
Turgay ÇELİKEL, Professor of Pulmonary Medicine
Ümit ŞEHİRLİ, Professor of Anatomy
Volkan KORTEN, Professor of Infectious Diseases
Zafer GÖREN, Professor of 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, 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.

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	12	7	19
Biochemistry	2		2
Biophysics	6		6
Family Medicine	3		3
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	4	18
Pediatrics	4		4
Pharmacology	7		7
Physiology	9	1	10
Public Health	4		3
Pulmonary Medicine	24		24
Radiology	2		2
Subtotal	108	15	123
PBL Module	6		6
ICS-2 Comp & SRA: Poster Preparation and Report Writing	4	4	8
ICS-2: Respiratory System Physical Examination	4	4	8
Turkish For Medical Students-III (Foreign Students)	19		19
Turkish For Medical Students-III (Interactive session for Foreign Students)	6		6
Elective Course-II MDCN181 MDCN182 MDCN186 MDCB187	8		8
TOTAL	155	23	178

THEORETICAL AND PRACTICAL SESSIONS		LECTURER/TUTOR
1st WEEK (07 May – 11 May, 2018)		
Monday	29 April	
08:40-09:30	STUDY TIME	
09:40-10:30	Introduction to the course of Breath and Respiration in Medicine	Dr. Masoud Afshani
10:40-11:30	Buffer systems	Dr. Önder Şirikçi
11:40-12:30	Buffer systems	Dr. Önder Şirikçi
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 Course-II (Turkish Students)	
	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students)	
	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
Tuesday	30 April	
08:40-09:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
09:40-10:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
10:40-11:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
11:40-12:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
13:40-14:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
13:40-14:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
13:40-14:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
13:40-14:30	ICS-2 Comp & SRA: Poster Preparation and Report Writing	Dr. İlke Çetin Akçay
Wednesday	01 May	
08:40-09:30	LABOUR DAY	
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		
Thursday	02 May	
08:40-09:30	MaSCo 2019	
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	03 May	
08:40-09:30	MaSCo 2019	
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		
2nd Week (14 May-18 May, 2018)		
Monday	06 May	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
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 Course-II (Turkish Students)	
	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
16:40-17:30	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students)	Dr. Cemal Gürkan
	MDCN181 Forensic Sciences	Inst. Nurtane Karagil
	MDCN182 Art & Craft for Medicine Students	Inst. Hande Tuğcan
	MDCN186 Modern Indian Dance	Inst. Yasemin Kurtoğlu

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	MDCN187 Aerial Fitness and High Intensity Interval Training	
Tuesday	07 May	
08:40-09:30	STUDY TIME	
09:40-10:30	Alveolar ventilation	Dr. Berrak Yegen
10:40-11:30	Alveolar ventilation	Dr. Berrak Yegen
11:40-12:30	Parameters of gas exchange in lungs and lung imaging	Dr. Hülya Cabadak
13:40-14:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç
14:40-15:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç
15:40-16:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç
16:40-17:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç
Wednesday	08 May	
08:40-09:30	The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli
09:40-10:30	The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli
10:40-11:30	Transport of blood gases	Dr. Berrak Yegen
11:40-12:30	Transport of blood gases	Dr. Berrak Yegen
13:40-14:30	The pharynx	Dr. Ümit Süleyman Şehirli
14:40-15:30	The larynx	Dr. Ümit Süleyman Şehirli
15:40-16:30	Anatomy LAB: The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: The nose, associated structures and paranasal sinuses	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
Thursday	09 May	
08:40-09:30	The larynx	Dr. Ural Verimli
09:40-10:30	The diaphragm	Dr. Ural Verimli
10:40-11:30	Anatomy LAB: The pharynx	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: The pharynx	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
13:40-14:30	The respiratory system: conducting airways	Dr. Dilek Akakin
14:40-15:30	The respiratory system: respiratory airways	Dr. Dilek Akakin
15:40-16:30	The respiratory system: respiratory airways	Dr. Dilek Akakin
16:40-17:30	STUDY TIME	

Friday	10 May	
08:40-09:30	Anatomy LAB: The larynx	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
09:40-10:30	Anatomy LAB: The larynx	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
10:40-11:30	Anatomy LAB: The diaphragm	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: The diaphragm	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
13:40-14:30	Development of the respiratory system	Dr. Dilek Akakın
14:40-15:30	Development of the respiratory system	Dr. Dilek Akakın
15:40-16:30	Histology LAB: The respiratory system Group A	Dr. Dilek Akakın, Dr. Masoud Afshani
16:40-17:30	Histology LAB: The respiratory system Group B	Dr. Dilek Akakın, Dr. Masoud Afshani
3rd Week (21May-25 May, 2018)		
Monday	13 May	
08:40-09:30	2nd RESEARCH PRESENTATION AND CAREER DAY (Rauf Raif Denктаş Culture and Congress Centre)	
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		
Tuesday	14 May	
08:40-09:30	STUDY TIME	
09:40-10:30	Introduction to autonomic nervous system pharmacology	Dr. Zafer Gören
10:40-11:30	Agents affecting sympathetic nervous system	Dr. Zafer Gören
11:40-12:30	Agents affecting parasympathetic nervous system	Dr. Zafer Gören
13:40-14:30	Influenza and common cold	Dr. Güner Söyledir
14:40-15:30	Microbiological approach to respiratory tract infections	Dr. Güner Söyledir
15:40-16:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç
16:40-17:30	Turkish For Medical Students-III (Interactive Session)	Inst. Emine Özerinç
Wednesday	15 May	
08:40-09:30	The trachea and the lungs	Dr. Aymelek Yalın
09:40-10:30	The trachea and the lungs	Dr. Aymelek Yalın

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10:40-11:30	The thoracic wall	Dr. Aymelek Yalın
11:40-12:30	The thoracic wall	Dr. Aymelek Yalın
13:40-14:30	Anatomy LAB: The trachea and the lungs	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: The trachea and the lungs	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: The mediastinum	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: The mediastinum	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
Thursday	16 May	
08:40-09:30	The mediastinum	Dr. Aymelek Yalın
09:40-10:30	The mediastinum	Dr. Aymelek Yalın
10:40-11:30	Anatomy LAB: The thoracic wall	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: The thoracic wall	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
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	Ventilation - perfusion scintigraphy	Dr. Nahide Gökçora
16:40-17:30	STUDY TIME	
Friday	17 May	
08:40-09:30	STUDY TIME	
09:40-10:30	Upper respiratory tract infections	Dr. Ayşegül Karahasan
10:40-11:30	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan, Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Lab diagnosis of respiratory tract infections	Dr. Ayşegül Karahasan, Dr. Mümtaz Güran
13:40-14:30	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli
14:40-15:30	Signs and symptoms in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli
15:40-16:30	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli
16:40-17:30	Principles of physical examination and signs in pulmonary diseases	Dr. Şehnaz Olgun Yıldızeli
4th Week (28 May–01 June, 2018)		
Monday	20 May	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç

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10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	21 May	
08:40-09:30	Epidemiology of airborne diseases	Dr. Ahmet Topuzoğlu
09:40-10:30	Environmental and occupational causes of lung diseases	Dr. Ahmet Topuzoğlu
10:40-11:30	Air pollution and its adverse effects on health	Dr. Ahmet Topuzoğlu
11:40-12:30	Control of tuberculosis in primary care	Dr. Ahmet Topuzoğlu
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
14:40-15:30	Buffering function of the lungs	Dr. Alper Yıldırım
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
Wednesday	22 May	
08:40-09:30	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber
09:40-10:30	The ideal gas law, gas mixtures	Dr. Pınar Mega Tiber
10:40-11:30	Effects of increased lung pressure	Dr. Pınar Mega Tiber
11:40-12:30	Physiology of deep sea diving, aviation, space and high altitude	Dr. Yaşar İnci Alican
13:40-14:30	Regulation of respiration	Dr. Yaşar İnci Alican
14:40-15:30	Regulation of respiration	Dr. Yaşar İnci Alican
15:40-16:30	Radiological examination of the chest	Dr. Onur Buğdaycı
16:40-17:30	Radiological examination of the chest	Dr. Onur Buğdaycı
Thursday	23 May	
08:40-09:30	Diffusion of gases	Dr. Özgür Kasımay Çakır
09:40-10:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım
10:40-11:30	Biophysics of ventilation	Dr. Pınar Mega Tiber
11:40-12:30	Principles of gas exchange	Dr. Pınar Mega Tiber

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13:40-14:30	Rational use of antibiotics in respiratory diseases	Dr. Volkan Korten
14:40-15:30	Lower respiratory tract infections	Dr. Volkan Korten
15:40-16:30	Pneumonia	Dr. Volkan Korten
16:40-17:30	Pneumonia	Dr. Volkan Korten
Friday	24 May	
08:40-09:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım
09:40-10:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım
10:40-11:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım
11:40-12:30	Physiology LAB: Pulmonary function 1 & 2	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım
13:40-14:30	Rational pharmacotherapy in respiratory tract infections and cough	Dr. Eren Sakallı
14:40-15:30	Diseases of upper airways	Dr. Zeliha Leyla Cinel
15:40-16:30	Diseases of upper airways	Dr. Zeliha Leyla Cinel
16:40-17:30	STUDY TIME	
5th Week (04 June – 08 June, 2018)		
Monday	27 May	
08:40-09:30	STUDY TIME	
09:40-10:30	Otitis media and complications	Dr. Ali C. Yumuşakhuylu
10:40-11:30	Paranasal sinus diseases	Dr. Ali C. Yumuşakhuylu
11:40-12:30	Larynx and oropharyngeal diseases	Dr. Ali C. Yumuşakhuylu
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 Course-II (Turkish Students)	
	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students)	
	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
Tuesday	28 May	
08:40-09:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel

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09:40-10:30	Pulmonary Tuberculosis	Dr. Emel Eryüksel
10:40-11:30	Occupational asthma	Dr. Emel Eryüksel
11:40-12:30	Diseases of mediastinum and diaphragm	Dr. Emel Eryüksel
13:40-14:30	Arterial blood gas analysis	Dr. Emel Eryüksel
14:40-15:30	Restrictive lung diseases	Dr. Emel Eryüksel
15:40-16:30	Sarcoidosis	Dr. Emel Eryüksel
16:40-17:30	STUDY TIME	
Wednesday	29 May	
08:40-09:30	Oxygen and nebulization therapy; mechanical ventilation	Dr. Sait Karakurt
09:40-10:30	A patient with cough and fever	Dr. Sait Karakurt
10:40-11:30	Sleep apnea syndrome	Dr. Sait Karakurt
11:40-12:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt
13:40-14:30	Clinical applications of pulmonary function tests	Dr. Sait Karakurt
14:40-15:30	Spirometry workshop	Dr. Sait Karakurt
15:40-16:30	Pleural diseases	Dr. Sait Karakurt
16:40-17:30	Viral and fungal diseases of the lung	Dr. Emine Bozkurtlar
Thursday	30 May	
08:40-09:30	Pulmonary Tuberculosis	Dr. Emine Bozkurtlar
09:40-10:30	Pulmonary Tuberculosis	Dr. Emine Bozkurtlar
10:40-11:30	Bacterial pneumonias and lung abscess	Dr. Emine Bozkurtlar
11:40-12:30	Tumors of pleura and mediastinum	Dr. Emine Bozkurtlar
13:40-14:30	Neoplastic diseases of the lung	Dr. Emine Bozkurtlar
14:40-15:30	Neoplastic diseases of the lung	Dr. Emine Bozkurtlar
15:40-16:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I	Dr. Emine Bozkurtlar
16:40-17:30	Pathology LAB: Non-neoplastic Diseases of Respiratory Tract-I	Dr. Emine Bozkurtlar
Friday	31 May	
08:40-09:30	Y1C4 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Genetics of pulmonary disorders	Dr. Ahmet İter Güney
14:40-15:30	Molecular mechanisms in lung cancer	Dr. Ahmet İter Güney

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15:40-16:30	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum	Dr. Emine Bozkurtlar
16:40-17:30	Pathology LAB: Neoplastic Diseases of Respiratory Tract, Pleura, and Mediastinum	Dr. Emine Bozkurtlar
6th Week (11 June - 15 June, 2018)		
Monday	03 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	EID-AL FITR EVE	
14:40-15:30		
15:40-16:30		
16:40-17:30		
Tuesday	04 June	
08:40-09:30	EID-AL FITR HOLIDAY	
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		
Wednesday	05 June	
08:40-09:30	EID-AL FITR HOLIDAY	
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		
Thursday	06 June	
08:40-09:30	EID-AL FITR HOLIDAY	

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	07 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	
7th Week (18 June – 22 June, 2017)		
Monday	10 June	
08:40-09:30	Pathology of chronic obstructive pulmonary diseases	Dr. Çiğdem Ataizi Çelikel
09:40-10:30	Pathology of chronic obstructive pulmonary diseases	Dr. Çiğdem Ataizi Çelikel
10:40-11:30	Pathology of pulmonary circulation	Dr. Çiğdem Ataizi Çelikel
11:40-12:30	Respiratory failure	Dr. Turgay Hüseyin Çelikel
13:40-14:30	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel
14:40-15:30	Chronic obstructive lung diseases	Dr. Turgay Hüseyin Çelikel
15:40-16:30	Turkish For Medical Students-III (Foreign Students) Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Emine Özerinç Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students) Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Emine Özerinç Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu

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Tuesday	11 June	
08:40-09:30	Diffuse interstitial lung diseases	Dr. Çiğdem Ataizi Çelikel
09:40-10:30	Occupational / Environmental Lung Diseases	Dr. Çiğdem Ataizi Çelikel
10:40-11:30	Pulmonary thromboembolism	Dr. Turgay Hüseyin Çelikel
11:40-12:30	Lung cancer	Dr. Turgay Hüseyin Çelikel
13:40-14:30	Case (RESPIRATORY DISEASES)	Dr. Turgay Hüseyin Çelikel
14:40-15:30	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir
15:40-16:30	Respiratory infections due to mycobacteria and related bacteria	Dr. Ufuk Hasdemir
16:40-17:30	Approach to adult patient with persistent cough	Dr. Pemra Ünalın
Wednesday	12 June	
08:40-09:30	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Eren Sakallı
09:40-10:30	Pharmacotherapy of obstructive lung diseases and bronchial asthma	Dr. Eren Sakallı
10:40-11:30	PBL-Module 1	Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp
11:40-12:30	PBL-Module 1	Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp
13:40-14:30	PBL-Module 1	Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp
14:40-15:30	PBL-Module 1	Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp
15:40-16:30	Counseling for risky behaviors and counseling in adolescents: Smoking	Dr. Saliha Serap Çifçili
16:40-17:30	Patient education in chronic diseases: asthma as an example	Dr. Saliha Serap Çifçili
Thursday	13 June	
08:40-09:30	Effects of tobacco on human health	Dr. Elif Dağlı
09:40-10:30	Childhood tuberculosis	Dr. Elif Dağlı
10:40-11:30	Bronchial hyperreactivity and asthma	Dr. Elif Dağlı
11:40-12:30	Bronchial hyperreactivity and asthma	Dr. Elif Dağlı
13:40-14:30	PBL Study Time	

14:40-15:30	PBL-Module 2	Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp
15:40-16:30	PBL-Module 2	Dr. Elif Dağlı, Dr. Eren Sakallı, Dr. Duygu Gençalp
16:40-17:30	Pharmacotherapy in tuberculosis	Dr. Eren Sakallı
Friday	14 June	
08:40-09:30	ICS-2: Respiratory System Physical Examination	Dr. Bülent Sezgin, Dr. Eren Sakallı, Dr. Didem Rıfkı, Dr. Cihan Tüccar
09:40-10:30	ICS-2: Respiratory System Physical Examination	
10:40-11:30	ICS-2: Respiratory System Physical Examination	
11:40-12:30	ICS-2: Respiratory System Physical Examination	
13:40-14:30	ICS-2: Respiratory System Physical Examination	Dr. Bülent Sezgin, Dr. Eren Sakallı, Dr. Didem Rıfkı, Dr. Cihan Tüccar
14:40-15:30	ICS-2: Respiratory System Physical Examination	
15:40-16:30	ICS-2: Respiratory System Physical Examination	
16:40-17:30	ICS-2: Respiratory System Physical Examination	
8th Week (25 June – 29 June, 2018)		
Monday	17 June	
08:40-09:30	ANATOMY PRACTICAL EXAM	Dr. Berfu Çerçi Öngün
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		
Tuesday	18 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	19 June	

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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	20 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	21 June	
08:40-09:30	Y2C5 THEORITICAL EXAM 09:30 A.M.	
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		