



MUSCULOSKELETAL, INTEGUMENTARY SYSTEMS AND
RELATED DISORDERS
YEAR 2 COURSE 4

February 20th, 2017 – April 28th, 2017

Coordinator of the Course 2.4

Inst. Masoud AFSHANI

Coordinator of Multidisciplinary Student's Lab.

Assist. Prof., Mümtaz GÜRAN

Coordinator of Clinical Skill Lab.

Inst. Berfu Çerçi ÖNGÜN

Coordinator of Assessment Unite

Assist. Prof., Mümtaz GÜRAN, Assist. Prof., Mevhibe
HOCAOĞLU, Assist. Prof., İlke ÇETİN AKÇAY

Coordinator of ICS Res. Lab.

Assist. Prof., İlke ÇETİN AKÇAY, Assist. Prof., Mevhibe
HOCAOĞLU

Year 2 Coordinators

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

Module Coordinator

Assoc. Prof., Özlem SARIKAYA

Introduction to Clinician Skills(ICS) Coordinators

Prof., Sibel SAKARYA and Assoc. Prof., Pemra ÜNALAN

Coordinator of Multidisciplinary Students' Lab.

Assoc. Prof., Betül KARADEMİR

Coordinator of Assessment Unite

Assist. Prof., CEVDET NACAR

Vice-Chief Coordinators

Assessment

Assist. Prof., Cevdet NACAR

Student's Affairs

Assist. Prof., Can ERZİK

Chief Coordinator

Assoc. Prof., Hasan YANANLI

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

Prof., Berrak Ç. YEĞEN

Educational Consultant

Assoc. Prof., Mehmet Ali GÜLPINAR

Dean (EMU)

Prof., Nahide GÖKÇORA

Acting Dean (MU)

Prof., Ömer GÜNAL

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

MUSCULOSKELETAL, INTEGUMENTARY SYSTEMS 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 musculoskeletal system and pathogenesis of the disorders related to this system. They will also gain knowledge about the signs and symptoms of musculoskeletal and integumentary disorders, related risk factors, prevention, diagnosis, principles of treatment and rehabilitation.

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

- understand the development of the musculoskeletal and integumentary system
- identify the structure and function of the musculoskeletal and integumentary system
- define the pathologic processes in the musculoskeletal and integumentary disorders
- gain knowledge about microorganism that affect the musculoskeletal and integumentary system and their pathogenesis in infectious process
- gain knowledge about the risk groups, risk factors related to the musculoskeletal and integumentary disorders and preventive measures
- gain knowledge about the signs and symptoms of these disorders
- gain knowledge about the approach to diagnosis, principles of treatment and rehabilitation of musculoskeletal disorders
- define the pharmacotherapy of cardiovascular disorders
- 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-2.4

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

- Orthopedics and Traumatology
- Pathology
- Physical Medicine and Rehabilitation
- Physiology
- Public Health
- Radiology
- Rheumatology

LECTURERS / TUTORS

Ahmet ARMAN, Professor of Medical Genetics
Alper YILDIRIM, Assist. Professor of Physiology
Arzu İLKİ, Assoc. Professor of Microbiology
Aymelek YALIN, Professor of Anatomy
Berfu Çerçi ÖNGÜN, Instructor of Anatomy
Betül KARADEMİR, Assoc. Professor of Biochemistry
Bülent EROL, Assoc. Professor of Orthopedics and Traumatology
Dilşad SAVE, Professor of Public Health
Emel LÜLEÇİ, Professor of Public Health
Emine ÖZERİNÇ, Instructor of School of Foreign Languages and Preparatory School
Cengiz Eren CANSÜ, Assoc. Professor of Orthopedics and Traumatology
Feriha ERCAN, Professor of Histology & Embryology

Mehmet AKMAN, Professor of Public Health
Mehmet Tuncay DURUÖZ, Professor of Rheumatology
Murat BEZER, Professor of Orthopedics and Traumatology
Mümtaz GÜRAN, Assist. Professor of Microbiology
Nilgün ÇERİKÇİOĞLU, Professor of Microbiology
Onur BUĞDAYCI, Assist. Professor of Radiology
Önder KAYHAN, Professor of Physical Medicine and Rehabilitation
Pemra ÜNALAN, Professor of Family Medicine
Pınar MEGA TİBER, Assist. Professor of Biophysics
Rezzan GÜLHAN, Professor of Pharmacology
Serap ÇİFÇİLİ, Assoc. Prof., Family Medicine
Serap ŞİRVANCI, Professor of Histology & Embryology
Sibel SAKARYA, Professor of Public Health
Şefik GÖRKEY, Professor of Medical History and Ethics

Pamir ATAGÜNDÜZ, Professor of Internal Medicine
Hızır KURTEL, Professor of Physiology
Hülya CABADAK, Assoc. Professor of Biophysics
İnci USER, Assist. Professor of Sociology
Kemal BERKMAN, Professor of Pharmacology
Kemal TÜRKÖZ, Assoc. Professor of Pathology
Masoud AFSHANİ, Instructor of Histology and Embryology

Şerife ÇELEBİ, Instructor of School of Foreign Languages and Preparatory School
Tuncay DURUÖZ, Professor of Physical Medicine and Rehabilitation
Ural VERİMLİ, Assist. Professor of Anatomy
Ümit ŞEHİRLİ, Professor of Anatomy
Yakup YILDIRIM, Professor of Orthopedics and Traumatology

READING / STUDYING MATERIALS

- Arthritis and Allied Conditions: A Textbook of Rheumatology (Koopman) Medical Microbiology (Cedric Mims et al.)
- Basic and Clinical Pharmacology (Bertram G Katzung)
- Basic Pathology (Stanley L Robbins, Marcia Angel, Vinay Kumar)
- Clinical Pharmacology (Laurence DR, Bennet PN)
- Clinical Anatomy for Medical Students: Books (Richard S., M.D. Snell)
- Clinically Oriented Anatomy: Books (Keith L. Moore, Arthur F. Dalley)
- Gray's Anatomy for Students (Richard L. Drake, Richard L. Drake Ph.D., Henry Gray Adam W.M. Mitchell)
- Gray Anatomi (Çeviri Editörü: Prof., Mehmet YILDIRIM, Güneş Kitabevi, 2006)
- Histology and Cell Biology: An Introduction to Pathology (Abraham L Kierszenbaum)
- Human Histology (Alan Stevens, James Lowe)
- Pharmacological Basis of Therapeutics (Goldman & Gilman's)
- Physical Medicine and Rehabilitation (Braddom)
- Review Medical Microbiology (Ernest Jawetz et al)
- Reviv of Medical Microbiology (Patric R Muray, Ken S Rosenthal)
- Textbook of Physiology (Guyton AC)
- The Developing Human (Keith L. Moore)

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	38	36	74
Biochemistry	4		4
Biophysics	8		8
Family Medicine	1		1
Histology & Embryology	11	4	15
Internal Medicine	3		3
Microbiology	5	2	7
Orthopedics and Travmatology	5		5
Pathology	8	2	10
Pharmacology	6		6
Physical Medicine and Rehabilitation	7		7
Physiology	5	4	9
Public Health	7		7
Radiology	2		2
Rheumatology	3		3
Subtotal	113	50	163
PBL Module	8		8
ICS-2: Basic Clinical Skills, Human in Medicine, Students Research Activity	42	12	54
Communication in Turkish-III (Foreign Students)	38		38
Total	201	62	263

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
	1st WEEK (20 February-24 February, 2017)	
Monday	February 20	
08:40-09:30	Introduction to the course	Dr. Mümtaz Güran
09:40-10:30	Muscles and joints: general consideration	Aymelek Yalın
10:40-11:30	Muscles and joints: general consideration	Aymelek Yalın
11:40-12:30	Upper extremity bones	Aymelek Yalın
13:40-14:30	Biochemistry of bone metabolism	Dr. Betül Karademir
14:40-15:30	Biochemistry of bone metabolism	Dr. Betül Karademir
15:40-16:30	Biochemistry of muscle contraction	Dr. Betül Karademir
16:40-17:30	Biochemistry of muscle contraction	Dr. Betül Karademir
Tuesday	February 21	
08:40-09:30	Upper extremity bones	Aymelek Yalın
09:40-10:30	Superficial back and posterior aspect of shoulder and arm	Aymelek Yalın
10:40-11:30	Superficial back and posterior aspect of shoulder and arm	Aymelek Yalın
11:40-12:30	The anterior aspect of the arm: pectoral region and the shoulder joint, mammary glands	Aymelek Yalın
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	February 22	
08:40-09:30		
09:40-10:30	The anterior aspect of the arm: pectoral region and the shoulder joint, mammary glands	Dr. Aymelek Yalın
10:40-11:30	Anatomy LAB: Upper extremity bones	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Upper extremity bones	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
13:40-14:30	Anatomy LAB: Superficial back and posterior aspect of shoulder and arm	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: Superficial back and posterior aspect of shoulder and arm	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
15:40-16:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
16:40-17:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
Thursday	February 23	
08:40-09:30	Lower extremity	Dr. Aymelek Yalın

09:40-10:30	Lower extremity	Dr. Aymelek Yalın
10:40-11:30	Anatomy LAB: The anterior aspect of the arm: pectoral region and the shoulder joint, mammary glands	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: The anterior aspect of the arm: pectoral region and the shoulder joint, mammary glands	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
13:40-14:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
14:40-15:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
15:40-16:30	Communication in Turkish-III (Review Session / Foreign Students)	Emine Özerinç
16:40-17:30	Communication in Turkish-III (Review Session / Foreign Students)	Emine Özerinç
Friday	February 24	
08:40-09:30	Anatomy LAB: Lower extremity	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
09:40-10:30	Anatomy LAB: Lower extremity	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
10:40-11:30	Introduction to statics of the body	Dr. Pınar Mega Tiber
11:40-12:30	Introduction to statics of the body	Dr. Pınar Mega Tiber
13:40-14:30	Equilibrium of the body	Dr. Pınar Mega Tiber
14:40-15:30	Physical principles of X - ray radiography	Dr. Pınar Mega Tiber
15:40-16:30	Physical principles of X - ray radiography	Dr. Pınar Mega Tiber
16:40-17:30		
2nd WEEK (27 February-03 March, 2017)		
Monday	February 27	
08:40-09:30		
09:40-10:30	Cartilage	Dr. Feriha Ercan
10:40-11:30	Histology of bone and joint	Dr. Feriha Ercan
11:40-12:30	Histology of bone and joint	Dr. Feriha Ercan
13:40-14:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
14:40-15:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
15:40-16:30	Communication in Turkish-III (Review Session / Foreign Students)	Emine Özerinç
16:40-17:30	Communication in Turkish-III (Review Session / Foreign Students)	Emine Özerinç
Tuesday	February 28	

08:40-09:30	Development of musculoskeletal system	Dr. Feriha Ercan
09:40-10:30	Development of musculoskeletal system	Dr. Feriha Ercan
10:40-11:30	Muscle physiology in exercise	Dr. Alper Yıldırım
11:40-12:30	Muscle physiology in exercise	Dr. Alper Yıldırım
13:40-14:30	Histology of skeletal muscle	Dr. Feriha Ercan
14:40-15:30	Histology of skeletal muscle	Dr. Feriha Ercan
15:40-16:30	Communication in Turkish-III (Review Session / Foreign Students)	Emine Özerinç
16:40-17:30	Communication in Turkish-III (Review Session / Foreign Students)	Emine Özerinç
Wednesday	March 01	
08:40-09:30		
09:40-10:30	Histology LAB: Cartilage, bone and skeletal muscle – Group A	Dr. Feriha Ercan, Dr. Masoud Afshani
10:40-11:30	Histology LAB: Cartilage, bone and skeletal muscle – Group A	Dr. Feriha Ercan, Dr. Masoud Afshani
11:40-12:30	Histology LAB: Cartilage, bone and skeletal muscle – Group A	Dr. Feriha Ercan, Dr. Masoud Afshani
13:40-14:30	Sports & Health	Dr. Hızır Kurtel
14:40-15:30	Neuromuscular transmission	Dr. Hızır Kurtel
15:40-16:30	Neuromuscular transmission	Dr. Hızır Kurtel
16:40-17:30		
Thursday	March 02	
08:40-09:30	Physiology LAB: Aerobic exercise – Group A	Dr. Hızır Kurtel, Dr. Alper Yıldırım
09:40-10:30	Physiology LAB: Aerobic exercise – Group A	Dr. Hızır Kurtel, Dr. Alper Yıldırım
10:40-11:30	Physiology LAB: Aerobic exercise – Group B	Dr. Hızır Kurtel, Dr. Alper Yıldırım
11:40-12:30	Physiology LAB: Aerobic exercise – Group B	Dr. Hızır Kurtel, Dr. Alper Yıldırım
13:40-14:30	Histology LAB: Cartilage, bone and skeletal muscle – Group B	Dr. Feriha Ercan, Dr. Masoud Afshani
14:40-15:30	Histology LAB: Cartilage, bone and skeletal muscle – Group B	Dr. Feriha Ercan, Dr. Masoud Afshani
15:40-16:30	Histology LAB: Cartilage, bone and skeletal muscle – Group B	Dr. Feriha Ercan, Dr. Masoud Afshani
16:40-17:30		
Friday	March 03	
08:40-09:30	Physiology LAB: EMG – Group B	Dr. Hızır Kurtel, Dr. Alper Yıldırım
09:40-10:30	Physiology LAB: EMG – Group B	Dr. Hızır Kurtel, Dr. Alper

		Yıldırım
10:40-11:30	Physiology LAB: EMG – Group A	Dr. Hızır Kurtel, Dr. Alper Yıldırım
11:40-12:30	Physiology LAB: EMG – Group A	Dr. Hızır Kurtel, Dr. Alper Yıldırım
13:40-14:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
14:40-15:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
15:40-16:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
16:40-17:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
3rd WEEK (06-10 March, 2017)		
Monday	March 06	
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	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
16:40-17:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
Tuesday	March 07	
08:40-09:30	Integumentary system	Dr. Serap Şanlı Şirvancı
09:40-10:30	Histology LAB: Integumentary system – Group A	Dr. Serap Şanlı Şirvancı, Dr. Masoud Afshani
10:40-11:30	Histology LAB: Integumentary system – Group B	Dr. Serap Şanlı Şirvancı, Dr. Masoud Afshani
11:40-12:30		
13:40-14:30	SEMİNAR FOR THE FACULTY STUDENTS	
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	March 08	
08:40-09:30	Anterior aspect of forearm and cubital fossa	Dr. Ural Verimli
09:40-10:30	Anterior aspect of forearm and cubital fossa	Dr. Ural Verimli
10:40-11:30	Posterior aspect of the forearm and the elbow joint	Dr. Ural Verimli
11:40-12:30	Posterior aspect of the forearm and the elbow joint	Dr. Ural Verimli

13:40-14:30	Anatomy Lab: Anterior aspect of forearm and cubital fossa	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy Lab: Anterior aspect of forearm and cubital fossa	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: Posterior aspect of the forearm and the elbow joint	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Posterior aspect of the forearm and the elbow joint	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
Thursday	March 09	
08:40-09:30	Axillary region	Dr. Ural Verimli
09:40-10:30	Brachial plexus	Dr. Ural Verimli
10:40-11:30	Brachial plexus	Dr. Ural Verimli
11:40-12:30	Development of integumentary system	Dr. Serap Şanlı Şirvancı
13:40-14:30	Anatomy LAB: Brachial plexus and axilla	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: Brachial plexus and axilla	Dr. Ural Verimli, Dr. Berfu Çerçi Öngün
15:40-16:30	Posterior abdominal wall, lumbar and sacral plexus	Dr. Aymelek Yalın
16:40-17:30	Posterior abdominal wall, lumbar and sacral plexus	Dr. Aymelek Yalın
Friday	March 10	
08:40-09:30	WHITE COAT CEREMONY	
09:40-10:30	WHITE COAT CEREMONY	
10:40-11:30	WHITE COAT CEREMONY	
11:40-12:30	WHITE COAT CEREMONY	
13:40-14:30	WHITE COAT CEREMONY	
14:40-15:30	WHITE COAT CEREMONY	
15:40-16:30	WHITE COAT CEREMONY	
16:40-17:30	WHITE COAT CEREMONY	
4th WEEK (21-25 March, 2016)		
Monday	March 13	
08:40-09:30		
09:40-10:30	Fungal infections of cutaneous and subcutaneous tissues	Dr. Nilgün Çerikçioğlu
10:40-11:30	Radiology of musculoskeletal system	Dr. Onur Buğdaycı
11:40-12:30	Radiology of musculoskeletal system	Dr. Onur Buğdaycı
13:40-14:30	Biophysics of muscle contraction	Dr. Hülya Cabadak
14:40-15:30	EMG	Dr. Hülya Cabadak
15:40-16:30	Bioenergetics of muscle contraction	Dr. Hülya Cabadak
16:40-17:30		

Tuesday	March 14	
08:40-09:30	MEDICINE DAY PROGRAM	
09:40-10:30	MEDICINE DAY PROGRAM	
10:40-11:30	Anatomy LAB: Posterior abdominal wall, lumbar and sacral plexus	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Posterior abdominal wall, lumbar and sacral plexus	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
13:40-14:30	Hand and wrist joint	Dr. Aymelek Yalın
14:40-15:30	Hand and wrist joint	Dr. Aymelek Yalın
15:40-16:30	Anatomy LAB: Hand and wrist joint	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Hand and wrist joint	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
Wednesday	March 15	
08:40-09:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç, Ins. Hüseyin Bıyıkoğlu
09:40-10:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç, Ins. Hüseyin Bıyıkoğlu
10:40-11:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç, Ins. Hüseyin Bıyıkoğlu
11:40-12:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç, Ins. Hüseyin Bıyıkoğlu
13:40-14:30	Public health consequences of disasters	Dr. Nimet Emel Lüleci
14:40-15:30	Prevention of disability in the elderly people	Dr. Nimet Emel Lüleci
15:40-16:30	Prevention of disability in the elderly people	Dr. Nimet Emel Lüleci
16:40-17:30		
Thursday	March 16	
08:40-09:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç
09:40-10:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr.

		Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç
10:40-11:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç
11:40-12:30	ICS-2: Polyclinics Visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Ins. Duygu Gençalp, Ins. Yönter Meray, Ins. Emine Özerinç
13:40-14:30	Parasitic infections of skin	Dr. Zeynep Arzu İlki
14:40-15:30	Mycobacterial and bacterial infections of skin, soft tissue and muscle including anthrax	Dr. Zeynep Arzu İlki
15:40-16:30	Mycobacterial and bacterial infections of skin, soft tissue and muscle including anthrax	Dr. Zeynep Arzu İlki
16:40-17:30		
Friday	March 17	
08:40-09:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
09:40-10:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
10:40-11:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
11:40-12:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
13:40-14:30	Microbiology LAB: Laboratory diagnosis of skin infections	Dr. Mümtaz Güran
14:40-15:30	Microbiology LAB: Laboratory diagnosis of skin infections	Dr. Mümtaz Güran
15:40-16:30		
16:40-17:30		
5th WEEK (28 March-01 April, 2016)		
Monday	March 20	
08:40-09:30	ICS-2	Dr. Berfu Çerçi Öngün, Dr. Mümtaz Güran, Dr. İlke Çetin Akçay, Inst. Hüseyin Bıyıkoğlu
09:40-10:30	ICS-2	Dr. Berfu Çerçi Öngün, Dr. Mümtaz Güran, Dr. İlke Çetin Akçay, Inst. Hüseyin Bıyıkoğlu
10:40-11:30	ICS-2	Dr. Berfu Çerçi Öngün, Dr. Mümtaz Güran, Dr. İlke Çetin Akçay, Inst. Hüseyin Bıyıkoğlu
11:40-12:30	ICS-2	Dr. Berfu Çerçi Öngün, Dr. Mümtaz Güran, Dr. İlke Çetin Akçay, Inst. Hüseyin Bıyıkoğlu

13:40-14:30	Gluteal region and hip region; hip joint	Dr. Ümit Süleyman Şehirli
14:40-15:30	Gluteal region and hip region; hip joint	Dr. Ümit Süleyman Şehirli
15:40-16:30	Anterior and medial aspect of thigh	Dr. Ümit Süleyman Şehirli
16:40-17:30	Anterior and medial aspect of thigh	Dr. Ümit Süleyman Şehirli
Tuesday	March 21	
08:40-09:30	Anatomy LAB: Gluteal region and hip region; hip joint	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
09:40-10:30	Anatomy LAB: Gluteal region and hip region; hip joint	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
10:40-11:30	Posterior aspect of thigh and knee joint	Dr. Ümit Süleyman Şehirli
11:40-12:30	Posterior aspect of thigh and knee joint	Dr. Ümit Süleyman Şehirli
13:40-14:30	Anatomy LAB: Anterior and medial aspect of thigh	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: Anterior and medial aspect of thigh	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
15:40-16:30	Elective course	
16:40-17:30	Elective course	
Wednesday	March 22	
08:40-09:30	Foot	Dr. Aymelek Yalın
09:40-10:30	Foot	Dr. Aymelek Yalın
10:40-11:30	Superficial structures of the face	Dr. Aymelek Yalın
11:40-12:30	Superficial structures of the face	Dr. Aymelek Yalın
13:40-14:30	ICS-2-3: Panel	Dr. Saliha Serap Çifçili
14:40-15:30	ICS-2-3: Panel	Dr. Saliha Serap Çifçili
15:40-16:30	Anatomy LAB: Foot	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Foot	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
Thursday	March 23	
08:40-09:30	Suboccipital region and deep muscles of the back	Dr. Aymelek Yalın
09:40-10:30	Spondyloarthropathies	Dr. Pamir Atagündüz
10:40-11:30	Approach to patient with arthritis	Dr. Pamir Atagündüz
11:40-12:30	Approach to patient with arthritis	Dr. Pamir Atagündüz
13:40-14:30	Anatomy LAB: Suboccipital region and deep muscles of the back	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: Suboccipital region and deep muscles of the back	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: Superficial structures of the face	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Superficial structures of the face	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün

		Çerçi Öngün
Friday	March 24	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Assessment of musculoskeletal system in children	Dr. Önder Kayhan
14:40-15:30	Osteoarthritis	Dr. Önder Kayhan
15:40-16:30	Osteoporosis	Dr. Önder Kayhan
16:40-17:30	Soft tissue pain	Dr. Önder Kayhan
6th WEEK (27-31 March, 2017)		
Monday	March 27	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30	Molecular pathogenesis of musculoskeletal disorders	Dr. Ahmet Arman
13:40-14:30	Pediatric lower extremity deformities	Dr. Bülent Erol
14:40-15:30	Musculoskeletal tumors (general principles)	Dr. Bülent Erol
15:40-16:30	PBL-Module-1	
16:40-17:30	PBL-Module-1	
Tuesday	March 28	
08:40-09:30		
09:40-10:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
10:40-11:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
11:40-12:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
13:40-14:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
14:40-15:30	Sports injuries (upper extremity)	Dr. Cengiz Eren Cansü
15:40-16:30	Osteomyelitis and septic arthritis	Dr. Cengiz Eren Cansü
16:40-17:30	Sports injuries (lower extremity)	Dr. Cengiz Eren Cansü
Wednesday	March 29	
08:40-09:30		
09:40-10:30	ICS-2: Report writing about the policlinics visit experience	Dr. Berfu Çerçi Öngün
10:40-11:30	ICS-2: Report writing about the policlinics visit experience	Dr. Berfu Çerçi Öngün

11:40-12:30	Rheumatoid arthritis	Dr. Mehmet Tuncay Duruöz
13:40-14:30	Spondyloarthropathies	Dr. Mehmet Tuncay Duruöz
14:40-15:30	Low back pain	Dr. Mehmet Tuncay Duruöz
15:40-16:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
16:40-17:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
Thursday	March 30	
08:40-09:30	PBL-Module-2	
09:40-10:30	PBL-Module-2	
10:40-11:30	Pharmacotherapy of arthritis and gout arthritis	Dr. Rezzan Gülhan
11:40-12:30	Pharmacotherapy of arthritis and gout arthritis	Dr. Rezzan Gülhan
13:40-14:30	Pharmacotherapy of arthritis and gout arthritis	Dr. Rezzan Gülhan
14:40-15:30	Prophylaxis and pharmacotherapy of osteoporosis	Dr. Rezzan Gülhan
15:40-16:30	Clinical Pharmacology of non-steroidal anti-inflammatory Drugs	Dr. Kemal Berkman
16:40-17:30	Clinical Pharmacology of non-steroidal anti-inflammatory Drugs	Dr. Kemal Berkman
Friday	March 31	
08:40-09:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
09:40-10:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
10:40-11:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
11:40-12:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
13:40-14:30	Development of head and neck (pharyngeal apparatus)	Dr. Masoud Afshani
14:40-15:30	Development of head and neck (pharyngeal apparatus)	Dr. Masoud Afshani
15:40-16:30		
16:40-17:30		
7th WEEK (03-07 April, 2017)		
Monday	April 03	
08:40-09:30	Bone remodeling, development and developmental abnormalities and fracture healing	Dr. Hüseyin Kemal Türköz
09:40-10:30	Neoplastic disease of bone and joint	Dr. Hüseyin Kemal Türköz
10:40-11:30	ICS-2: SRA –Review of the researchs and abstract writing	Free Study Time for Groups
11:40-12:30	ICS-2: SRA –Review of the researchs and abstract writing	Free Study Time for Groups

13:40-14:30	Soft tissue tumors	Dr. Hüseyin Kemal Türköz
14:40-15:30	Soft tissue tumors	Dr. Hüseyin Kemal Türköz
15:40-16:30	Neoplastic and non-neoplastic skin lesions	Dr. Hüseyin Kemal Türköz
16:40-17:30	Neoplastic and non-neoplastic skin lesions	Dr. Hüseyin Kemal Türköz
Tuesday	April 04	
08:40-09:30	Pathology LAB: Pathology of musculoskeletal system	Dr. Hüseyin Kemal Türköz
09:40-10:30	Pathology LAB: Pathology of musculoskeletal system	Dr. Hüseyin Kemal Türköz
10:40-11:30	Infectious disease of the bone and joint	Dr. Hüseyin Kemal Türköz
11:40-12:30	Pathology of arthritis	Dr. Hüseyin Kemal Türköz
13:40-14:30	PBL-Module-3	
14:40-15:30	PBL-Module-3	
15:40-16:30	Injury Prevention	Dr. Sibel Sakarya
16:40-17:30	Prevention of work - related musculoskeletal disorders	Dr. Sibel Sakarya
Wednesday	April 05	
08:40-09:30		
09:40-10:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
10:40-11:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
11:40-12:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
13:40-14:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
14:40-15:30	A patient with multiple bruises and pain (Case discussion)	Dr. Pemra Ünalın
15:40-16:30	Control of musculoskeletal disorders	Dr. Dilşad Cebeci Save
16:40-17:30	Child safety	Dr. Dilşad Cebeci Save
Thursday	April 06	
08:40-09:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
09:40-10:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
10:40-11:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
11:40-12:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
13:40-14:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
14:40-15:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
15:40-16:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
16:40-17:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
Friday	April 07	
08:40-09:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
09:40-10:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
10:40-11:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
11:40-12:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey

13:40-14:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
14:40-15:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
15:40-16:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
16:40-17:30	ICS-2: HIM-Ethics	Dr. Şefik Görkey
8th WEEK (10-14 April, 2017)		
Monday	April 10	
08:40-09:30	ICS-2: HIM-Social Concepts	Dr. İnci User
09:40-10:30	ICS-2: HIM-Social Concepts	Dr. İnci User
10:40-11:30	ICS-2: HIM-Social Concepts	Dr. İnci User
11:40-12:30	ICS-2: HIM-Social Concepts	Dr. İnci User
13:40-14:30	ICS-2: HIM-Social Concepts	Dr. İnci User
14:40-15:30	ICS-2: HIM-Social Concepts	Dr. İnci User
15:40-16:30	ICS-2: HIM-Social Concepts	Dr. İnci User
16:40-17:30	ICS-2: HIM-Social Concepts	Dr. İnci User
Tuesday	April 11	
08:40-09:30	ICS-2: HIM-Social Concepts	Dr. İnci User
09:40-10:30	ICS-2: HIM-Social Concepts	Dr. İnci User
10:40-11:30	ICS-2: HIM-Social Concepts	Dr. İnci User
11:40-12:30	ICS-2: HIM-Social Concepts	Dr. İnci User
13:40-14:30	PBL-Module-4	
14:40-15:30	PBL-Module-4	
15:40-16:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
16:40-17:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
Wednesday	April 12	
08:40-09:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
09:40-10:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
10:40-11:30	Viral infections of cutaneous and subcutaneous tissues	Dr. Nilgün Çerikçioğlu
11:40-12:30	Viral infections of cutaneous and subcutaneous tissues	Dr. Nilgün Çerikçioğlu
13:40-14:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
14:40-15:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
15:40-16:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
16:40-17:30	ICS-2: HIM-Arts and Humanities	Dr. Mehmet Akman
Thursday	April 13	

08:40-09:30	Anterior and lateral neck	Dr. Ümit Süleyman Şehirli
09:40-10:30	Anterior and lateral neck	Dr. Ümit Süleyman Şehirli
10:40-11:30	The root of the neck	Dr. Ümit Süleyman Şehirli
11:40-12:30	The root of the neck	Dr. Ümit Süleyman Şehirli
13:40-14:30	Anatomy LAB: Posterior aspect of thigh and knee joint	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: Posterior aspect of thigh and knee joint	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
15:40-16:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
16:40-17:30	Communication in Turkish-III (Foreign Students)	Emine Özerinç, Şerife Ç. Sökmez
Friday	April 14	
08:40-09:30	Infratemporal and pterygopalatine fossa	Dr. Ümit Süleyman Şehirli
09:40-10:30	Infratemporal and pterygopalatine fossa	Dr. Ümit Süleyman Şehirli
10:40-11:30	Anatomy LAB: Anterior and lateral neck	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Anterior and lateral neck	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
13:40-14:30	Anatomy LAB: The root of the neck	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: The root of the neck	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: Infratemporal and pterygopalatine fossa	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Infratemporal and pterygopalatine fossa	Dr. Ümit Süleyman Şehirli, Dr. Berfu Çerçi Öngün
9th WEEK (17-21 April, 2016)		
Monday	April 17	
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		
Tuesday	April 18	
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		
Wednesday	April 19	
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		
Thursday	April 20	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
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15:40-16:30		
16:40-17:30		
Friday	April 21	
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		
10th WEEK (24-28 April, 2017)		
Monday	April 24	
08:40-09:30	PRACTICAL EXAM	
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	April 25	
08:40-09:30	PRACTICAL EXAM	
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	April 26	
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		
Thursday	April 27	
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	April 28	
08:40-09:30	Y2C4 THEORETICAL EXAM AT 09:30 A.M.	
09:40-10:30		

