



INTRODUCTION TO NERVOUS SYSTEM AND HUMAN BEHAVIOR
YEAR 1 COURSE 4
March 30 – May 21, 2020

Coordinator of the Course 1.4

Prof., Mustafa AKKİPRİK & Assoc. Prof., Dilek AKAKIN & Assist. Prof., Ergül MUTLU ALTUNDAĞ

Module Coordinator Assoc. Prof., Özlem SARIKAYA & Inst.Dr., Duygu GENÇALP	Introduction to Clinician Skills (ICS) Coordinators Prof., Pemra ÜNALAN & Assoc. Prof. Dr., Nilüfer GÜZOĞLU
Coordinator of Clinical Skill Lab. Prof., Pemra ÜNALAN & Assist. Prof. Bülent SEZGİN	Coordinator of ICS Res. Lab. Prof., Pemra ÜNALAN & Inst. Dr. Özge Cumaoğulları EKER
Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR & Assist. Prof., Mümtaz GÜRAN	Coordinator of Assessment Unite Assist. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI
Vice-Chief Coordinators	
Assessment Assist. Prof., Cevdet NACAR & Assist. Prof., Mümtaz GÜRAN	Students' Affairs Assist. Prof., Can ERZİK & Ins. Yönter MERAY
Chief Coordinator Assoc. Prof., Hasan YANANLI & Assist. Prof., Mümtaz GÜRAN	Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN
Educational Consultant Assoc. Prof., Mehmet Ali GÜLPINAR	
Dean (EMU) Assoc. Prof., Emre HAMURTEKİN	Dean (MU) Prof., Hakan GÜNDÜZ

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 healthcare
 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 and Endocrine Disorders

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

INTRODUCTION TO NERVOUS SYSTEM AND HUMAN BEHAVIOR	
<p>Aim: At the end of this committee, first year students will gain a general sight to the concept of human body through the systems that constitute and define the main communicative network of the body. During this course students will also gain knowledge about the basic principles of human behaviour and the main concepts of medical ethics.</p> <p>Learning Objectives: At the end of this committee, first year students will,</p> <ul style="list-style-type: none"> • define the structural elements of the nervous system • be able to identify the different tissues regarding their structures, organization and functioning • acquire knowledge concerning the development and differentiation process of the nervous system organs and their function • acquire knowledge on human behavior • acquire skills necessary to perform experimental applications • explain evidences illustrating the existence of health inequalities and association between socio-economic position and health inequalities 	
<p style="text-align: center;">ASSESSMENT SYSTEM</p> <p>Module examination: Written exam at the end of module (10 % of final score) Practical examination: Practical exams at the end of course Course examination: Written exam at the end of course</p>	<p style="text-align: center;">PROGRAM EVALUATION</p> <p>Evaluation at the end of the course, is done both orally and by using structured evaluation forms</p>
DEPARTMENTS PARTICIPATING IN COURSE-1.4 & MODULE 1.4	
<ul style="list-style-type: none"> • Anatomy • Biochemistry • Biophysics • Histology & Embryology 	<ul style="list-style-type: none"> • Medical Genetics • Medical Ethics and History • Physiology • Psychiatry
LECTURERS / TUTORS	
<p>Alper YILDIRIM, Assoc Prof., Physiology Arzu UZUNER, Prof., Family Medicine Axel WÜRZ, Inst., Psychiatry Aymelek YALIN, Prof., Anatomy Ayşe GARİP, Assoc. Prof., Biophysics Ayşe KOZANSOY, Inst., Medical English Berfu Çerçi ÖNGÜN, Inst., Anatomy Cemal GÜRKAN, Inst., Forensic Sciences Cevdet NACAR, Assist. Prof., Biophysics Dilek AKAKIN, Assoc. Prof. of Histology & Embryology Emine ÖZERİNÇ, Inst., Foreign Languages and Preparatory School Ergül MUTLU ALTUNDAĞ, Assist. Prof., Biochemistry Hızır KURTEL, Prof., Physiology Hülya CABADAK, Prof., Biophysics İlke AKÇAY, Assist. Prof., Biostatistics İlder GÜNEY, Assoc. Prof., Medical Genetics İnci ALİCAN, Prof., Physiology Nazan DOĞRUER, Inst., Medical English</p>	<p>Masoud AFSHANI, Assist. Prof., Histology & Embryology Mehmet Kemal KUŞÇU, Prof., Psychiatry Nurtane KARAGİL, Inst., Arts and Crafts Oya ORUN, Prof., Biophysics Özge Cumaoğulları EKER, Inst., Medical Genetics Özgür KASIMAY ÇAKIR, Assoc. Prof., Physiology Özlem SARIKAYA, Prof., Medical Education Pınar MEGA TİBER, Assoc. Prof., Biophysics Serap ÇİFTÇİLİ, Prof., Family Medicine Saime BATIREL, Assoc. Prof., Biochemistry Şefik GÖRKEY, Prof., Medical Ethics and History of Medicine Ural VERİMLİ, Assist. Prof., Anatomy Ümit ŞEHİRLİ, Prof., Anatomy Yasemin KURTOĞLU, Inst., Aerial Fitness and High Intensity Interval Training Yıldız AKVARDAR, Prof., Psychiatry</p>

READING / STUDYING MATERIALS

- Biochemistry; Stryer, 4th ed., Freeman
- Biochemistry; Zubay, 3rd ed., WCB
- Clinical Anatomy for Medical Students; Richard S. Snell
- Clinically Oriented Anatomy; Keith L. Moore, Arthur F. Dalley
- Color Textbook of Histology; Gartner & Hiatt, 3rd ed., Elsevier Health Sciences, 2004
- D.H. Hubel; Eye, Brain and Vision
- Gray Anatomi; Çeviri Editörü: Prof. Dr. Mehmet YILDIRIM, Güneş Kitabevi, 2006
- Gray's Anatomy for Students; Richard L. Drake, Henry Gray, Adam W.M. Mitchell
- Guyton & Hall ; Textbook of Physiology, 11th edition, Elsevier-Saunders, 2006.
- Histology A Text and Atlas; Michael H Ross, Michael R. Ross, Wojciech Pawlina, 5th ed. Lippincott Williams & Wilkins, 2006
- Histoloji ve Hücre Biyolojisi; Abraham L.Kierzenbaum; Çeviri editörü: Ramazan Demir, Palme Yayıncılık - Ankara, 2006
- Human Histology: Alan Stevens, James Lowe, 3rd ed., Elsevier Health Sciences, 2004
- M.F. Baer, Connors & Paradiso; Neuroscience 2nd ed.
- Sert Gürkan: Hasta Hakları – Uluslararası Bildiriler ve Tıp Etiği Çerçevesinde
- Temel Histoloji; Junqueira LC, Carneiro J; Çeviri editörleri: Yener Aytekin, Seyhun Solakoğlu, Nobel Matbaacılık, 10th ed. 2003

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SUMMARY OF THE COURSE 1.4			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	19	7	26
Biochemistry	10		10
Biophysics	11	2	13
Histology and Embryology	11	2	13
Medical Genetics	1		1
Medical History and Ethics	10		10
Multidisciplinary course	14		14
Psychiatry	23		23
Physiology	25	2	27
Subtotal	124	13	137
PBL Module	12		12
ICS-1: Comp & SRA	19		19
Medical English	12		12
Elective	12		12
TFMS-102-Turkish for Medical Students	28		28
TFMS-102- Turkish for Medical Students (Interactive session)			
TOTAL	207	13	220

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER(S) /TUTOR(S)
WEEK -1 (30 March- 03 April 2020)		
Monday	30 March	
08:40-09:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Ins. Emine Özerinç
09:40-10:30		
10:40-11:30	ICS-1 Research: Rules for poster presentation	Dr. İlke Akçay
11:40-12:30		Dr. Özge Cumaoğulları Eker
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer
14:40-15:30		Inst. Ayşe Kozansoy
15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences	Dr. Cemal Gürkan
16:40-17:30	MDCN182 – Arts and Crafts for Medical Students	Inst. Nurtane Karagil
	MDCN184 – Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
Tuesday	31 March	
08:40-09:30	Introduction to the course	Dr. Ergül Mutlu Altundağ
09:40-10:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr. Özlem Sarıkaya Dr. Arzu Uzuner
10:40-11:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr. Özlem Sarıkaya Dr. Arzu Uzuner
11:40-12:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr. Özlem Sarıkaya Dr. Arzu Uzuner

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13:40-14:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr. Özlem Sarıkaya Dr. Arzu Uzuner
14:40-15:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr. Özlem Sarıkaya Dr. Arzu Uzuner
15:40-16:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr. Özlem Sarıkaya Dr. Arzu Uzuner
16:40-17:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner
Wednesday	01 April	
08:40-09:30	STUDY TIME	
09:40-10:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner
10:40-11:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner
11:40-12:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner
13:40-14:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner
14:40-15:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner
15:40-16:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner

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16:40-17:30	Multidisciplinary course: Socioeconomic and Cultural Parameters of health	Dr Dr. Özlem Sarıkaya Dr. Arzu Uzuner
Thursday	02 April	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	03 April	
08:40-09:30	Introduction to nervous system	Dr. Ümit Süleyman Şehirli
09:40-10:30	Introduction to nervous system	Dr. Ümit Süleyman Şehirli
10:40-11:30	Neurocranium	Dr. Ümit Süleyman Şehirli
11:40-12:30	Neurocranium	Dr. Ümit Süleyman Şehirli
13:40-14:30	Neurocranium	Dr. Ümit Süleyman Şehirli
14:40-15:30	Anatomy LAB: Neurocranium-Group A	Dr.Ümit Şehirli Dr. Berfu Çerçi Öngün

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15:40-16:30	Anatomy LAB: Neurocranium-Group A	Dr.Ümit Şehirli Dr. Berfu Çerçi Öngün
16:40-17:30	STUDY TIME	
WEEK -2 (06 April-10 April 2020)		
Monday	06 April	
08:40-09:30	Viscerocranium	Dr. Ural Verimli
09:40-10:30	Viscerocranium	Dr. Ural Verimli
10:40-11:30	Anatomy LAB: Neurocranium-Group B	Dr.Ural Verimli Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Neurocranium-Group B	Dr.Ural Verimli Dr. Berfu Çerçi Öngün
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Yasemin Kurtoğlu
16:40-17:30	MDCN182 – Arts and Crafts for Medical Students MDCN184 – Aerial Fitness and High Intensity Interval Training	
Tuesday	07 April	
08:40-09:30	STUDY TIME	
09:40-10:30	Base of the skull	Dr. Ural Verimli
10:40-11:30	Base of the skull	Dr. Ural Verimli
11:40-12:30	Cortex	Dr. Ural Verimli

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13:40-14:30	Vertebral column	Dr. Ural Verimli
14:40-15:30	Vertebral column	Dr. Ural Verimli
15:40-16:30	Anatomy LAB: Viscerocranium-Group A	Dr.Ural Verimli Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Viscerocranium-Group B	Dr.Ural Verimli Dr. Berfu Çerçi Öngün
Wednesday	08 April	
08:40-09:30	Subcortical structures	Dr. Ural Verimli
09:40-10:30	Brain stem	Dr. Ural Verimli
10:40-11:30	Anatomy LAB: Base of the skull-Group A	Dr.Ural Verimli Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Base of the skull-Group B	Dr.Ural Verimli Dr. Berfu Çerçi Öngün
13:40-14:30	Adrenal and thymus gland	Dr. Ural Verimli
14:40-15:30	Introduction to Medical Deontology and Ethics	Dr. Şefik Görkey
15:40-16:30	Introduction to Medical Deontology and Ethics	Dr. Şefik Görkey
16:40-17:30	STUDY TIME	
Thursday	09 April	
08:40-09:30	Ethical Issues at the Beginning of Life	Dr. Şefik Görkey

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09:40-10:30	Ethical Issues at the End of Life	Dr. Şefik Görkey
10:40-11:30	Anatomy LAB: Vertebral Column-Group A	Dr. Ural Verimli Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Vertebral Column-Group B	Dr. Ural Verimli Dr. Berfu Çerçi Öngün
13:40-14:30	PBL MODULE-1	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
14:40-15:30	PBL MODULE-1	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
15:40-16:30	Patient Rights	Dr. Şefik Görkey
16:40-17:30	Privacy and Confidentiality	Dr. Şefik Görkey
Friday	10 April	
08:40-09:30	Informed Consent	Dr. Şefik Görkey
09:40-10:30	Medical Professionalism	Dr. Şefik Görkey
10:40-11:30	Art and Anatomy	Dr. Şefik Görkey
11:40-12:30	Breath and Respiration: Historical and Cultural Perspectives	Dr. Şefik Görkey
13:40-14:30		

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14:40-15:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Inst. Emine Özerinç
15:40-16:30		
16:40-17:30		
WEEK-3 (13 April-17 April 2020)		
Monday	13 April	
08:40-09:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Inst. Emine Özerinç
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Elective Course – I (for Turkish students)	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Yasemin Kurtoğlu
16:40-17:30	MDCN181 – Theoretical and Applied Forensic Sciences	
	MDCN182 – Arts and Crafts for Medical Students MDCN184 – Aerial Fitness and High Intensity Interval Training	
Tuesday	14 April	
08:40-09:30	Histology of endocrine organs	Dr. Masoud Afshani
09:40-10:30	Molecular Genetics of Nervous System	Dr. Ahmet İlder Güney
10:40-11:30	Biochemical aspect of nervous tissue	Dr. Saime Batirel
11:40-12:30	Biochemical aspect of nervous tissue	Dr. Saime Batirel

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13:40-14:30	Hormone structure and action	Dr. Saime Batirel
14:40-15:30	Hormone structure and action	Dr. Saime Batirel
15:40-16:30	Steroid and thyroid hormones	Dr. Saime Batirel
16:40-17:30	Steroid and thyroid hormones	Dr. Saime Batirel
Wednesday	15 April	
08:40-09:30	Orbit and its content	Dr. Aymelek Yalın
09:40-10:30	Orbit and its content	Dr. Aymelek Yalın
10:40-11:30	Anatomy of the ear	Dr. Aymelek Yalın
11:40-12:30	Anatomy of the ear	Dr. Aymelek Yalın
13:40-14:30	Human systems and relations in psychological perspective	Dr. Axel Würz
14:40-15:30	The use of psychology in medical context	Dr. Axel Würz
15:40-16:30	General orientation to higher functions of the nervous system	Dr. Axel Würz
16:40-17:30	General orientation to higher functions of the nervous system	Dr. Axel Würz
Thursday	16 April	
08:40-09:30	Anatomy LAB: Orbit and its contents-Group A	Dr.Aymelek Yalın Dr. Berfu Çerçi Öngün
09:40-10:30	Anatomy LAB: Orbit and its contents-Group B	Dr.Aymelek Yalın Dr. Berfu Çerçi Öngün

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10:40-11:30	Anatomy LAB: The ear-Group A	Dr.Aymelek Yalın Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: The ear-Group B	Dr.Aymelek Yalın Dr. Berfu Çerçi Öngün
13:40-14:30	PBL MODULE-2	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
14:40-15:30	PBL MODULE-2	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
15:40-16:30	Learning theory and its application in psychology	Dr. Axel Würz
16:40-17:30	Learning theory and its application in psychology	Dr. Axel Würz
Friday	17 April	
08:40-09:30	TFMS102 – Turkish for Medical Students- II (Foreign Students)	Ins. Emine Özerinç
09:40-10:30	TFMS102 – Turkish for Medical Students- II (Foreign Students)	Ins. Emine Özerinç
10:40-11:30	Perception	Dr. Axel Würz
11:40-12:30	Perception	Dr. Axel Würz
13:40-14:30	Drives and motivation: The case of sexuality	Dr. Axel Würz

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14:40-15:30	Thinking and language	Dr. Axel Würz
15:40-16:30	Thinking and language	Dr. Axel Würz
16.40-17.30	Human intelligence: Human I.Q/E.Q	Dr. Axel Würz
WEEK -4 (20 April-24 April 2020)		
Monday	20 April	
08:40-09:30	Histology of nervous tissue	Dr. Masoud Afshani
09:40-10:30	Histology of nervous tissue	Dr. Masoud Afshani
10:40-11:30	TFMS102 – Turkish for Medical Students- II (Foreign Students)	Inst. Emine Özerinç
11:40-12:30	TFMS102 – Turkish for Medical Students- II (Foreign Students)	Inst. Emine Özerinç
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer
14:40-15:30		Inst. Ayşe Kozansoy
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	21 April	
08:40-09:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Inst. Emine Özerinç
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	PBL MODULE-3	Dr. Duygu Gençap Dr. Maryam Norouzbahari

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		Dr. Özge Eker Inst. Gizem Şanlıtürk
14:40-15:30	PBL MODULE-3	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
15:40-16:30	Peptide hormones and catecholamines	Dr. Ergül Mutlu Altundağ
16:40-17:30	Peptide hormones and catecholamines	Dr. Ergül Mutlu Altundağ
Wednesday	22 April	
08:40-09:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaogulları Eker Dr. Serap Çiftçili
09:40-10:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaogulları Eker Dr. Serap Çiftçili
10:40-11:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaogulları Eker Dr. Serap Çiftçili
11:40-12:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaogulları Eker Dr. Serap Çiftçili
13:40-14:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaogulları Eker

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		Dr. Serap Çiftçili
14:40-15:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker Dr. Serap Çiftçili
15:40-16:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker Dr. Serap Çiftçili
16:40-17:30	ICS-1 Research: Student Research Presentations	Dr. İlke Akçay Dr. Özge Cumaoğulları Eker Dr. Serap Çiftçili
Thursday	23 April	
08:40-09:30	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	24 April	
08:40-9:30	Y2C4 THEORETICAL EXAM	
09:40-10:30		

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10:40-11:30		
11:40-12:30		
13:40-14:30	Psychological development:Cognitive and social domains	Dr. Mehmet Kemal Kuşcu
14:40-15:30	Psychological development:Cognitive and social domains	Dr. Mehmet Kemal Kuşcu
15:40-16:30	Emotions in cognitive and cultural context	Dr. Mehmet Kemal Kuşcu
16:40-17:30	Emotions in cognitive and cultural context	Dr. Mehmet Kemal Kuşcu
WEEK -5 (27 April-01 May)		
Monday	27 April	
08:40-9:30	Optics of vision	Dr. Pınar Mega Tiber
09:40-10:30	Optics of vision	Dr. Pınar Mega Tiber
10:40-11:30	Initiation of impulses in sense organs	Dr. Yaşar İnci Alican
11:40-12:30	Cutaneous senses	Dr. Yaşar İnci Alican
13:40-14:30	Chemical senses	Dr. Yaşar İnci Alican
14:40-15:30	STUDY TIME	
15:40-16:30	Elective Course – I (for Turkish students)	
	MDCN181 – Theoretical and Applied Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 – Arts and Crafts for Medical Students	Inst. Nurtane Karagil
16:40-17:30	MDCN184 – Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu

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Tuesday	28 April	
08:40-09:30	STUDY TIME	
09:40-10:30	Histology of the eye	Dr. Dilek Akakın
10:40-11:30	Histology of the eye	Dr. Dilek Akakın
11:40-12:30	Development of the eye	Dr. Dilek Akakın
13:40-14:30	Histology LAB: Nervous Tissue-Group B	Dr.Dilek Akakın Dr. Masoud Afshani
14:40-15:30	Histology LAB: Nervous Tissue-Group B	Dr.Dilek Akakın Dr. Masoud Afshani
15:40-16:30	Histology LAB: Nervous Tissue-Group A	Dr.Dilek Akakın Dr. Masoud Afshani
16:40-17:30	Histology LAB: Nervous Tissue-Group A	Dr.Dilek Akakın Dr. Masoud Afshani
Wednesday	29 April	
08:40-09:30	Histology of the ear	Dr. Dilek Akakın
09:40-10:30	Histology of the ear	Dr. Dilek Akakın
10:40-11:30	Development of the nervous system	Dr. Dilek Akakın
11:40-12:30	Development of the nervous system	Dr. Dilek Akakın
13:40-14:30	Sensory perception	Dr. Alper Yıldırım

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14:40-15:30	Hypothalamus and pituitary	Dr. Alper Yıldırım
15:40-16:30	Vestibular system	Dr. Alper Yıldırım
16:40-17:30	Vestibular system	Dr. Alper Yıldırım
Thursday	30 April	
08:40-09:30	Development of the ear	Dr. Dilek Akakın
09:40-10:30	Physiology of vision	Dr. Alper Yıldırım
10:40-11:30	Physiology of vision	Dr. Alper Yıldırım
11:40-12:30	Physiology of vision	Dr. Alper Yıldırım
13:40-14:30	PBL MODULE-4	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
14:40-15:30	PBL MODULE-4	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
15:40-16:30	TFMS102 – Turkish for Medical Students- II (Foreign Students)	Inst. Emine Özerinç
16:40-17:30	TFMS102 – Turkish for Medical Students- II (Foreign Students)	Inst. Emine Özerinç
Friday	01 May	

08:40-09:30	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		
WEEK -6 (04 May-10 May 2020)		
Monday	04 May	
08:40-09:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Inst. Emine Özerinç
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		
15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences MDCN182 – Arts and Crafts for Medical Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30		

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Tuesday	05 May	
08:40-09:30	ICS-1 Research: Rules for research report writing	Dr. İlke Akçay Dr. Özge Cumaogulları Eker
09:40-10:30	ICS-1 Research: Rules for research report writing	Dr. İlke Akçay Dr. Özge Cumaogulları Eker
10:40-11:30	ICS-1 Research: Rules for research report writing	Dr. İlke Akçay Dr. Özge Cumaogulları Eker
11:40-12:30	ICS-1 Research: Rules for research report writing	Dr. İlke Akçay Dr. Özge Cumaogulları Eker
13:40-14:30	Introduction to primary care	Dr. Arzu Uzuner
14:40-15:30	Human systems and relations:The case of organisations	Dr. Yıldız Akvardar
15:40-16:30	Brain and Behaviour	Dr. Yıldız Akvardar
16:40-17:30	Brain and Behaviour	Dr. Yıldız Akvardar
Wednesday	06 May	
08:40-09:30	Temperament / Personality	Dr. Yıldız Akvardar
09:40-10:30	Temperament / Personality	Dr. Yıldız Akvardar
10:40-11:30	Memory systems	Dr. Yıldız Akvardar
11:40-12:30	Memory systems	Dr. Yıldız Akvardar
13:40-14:30	Synapses and neuronal integration	Dr. Hızır Kurtel

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14:40-15:30	Physiology of hearing	Dr. Hızır Kurtel
15:40:16:30	Physiology of hearing	Dr. Hızır Kurtel
16:40-17:30	STUDY TIME	
Thursday	07 May	
08:40-09:30	Biophysics of photoreception	Dr. Cevdet Nacar
09:40-10:30	Biophysics of photoreception	Dr. Cevdet Nacar
10:40-11:30	Receptive fields and retinal processing	Dr. Cevdet Nacar
11:40-12:30	Receptive fields and retinal processing	Dr. Cevdet Nacar
13:40-14:30	PBL MODULE-5	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
14:40-15:30	PBL MODULE-5	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
15:40:16:30	Synaptic transmission in learning and memory	Dr. Hülya Cabadak
13:40-14:30	Synaptic transmission in learning and memory	Dr. Hülya Cabadak
Friday	08 May	
08:40-09:30	Signal transduction and sensory stimuli	Dr. Ergül Mutlu Altundağ

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09:40-10:30	Signal transduction and sensory stimuli	Dr. Ergül Mutlu Altundağ
10:40-11:30	Biophysics LAB: Biofeedback and Reaction Time (Group A)	Dr Cevdet Nacar Dr Hülya Cabadak
11:40-12:30	Biophysics LAB: Biofeedback and Reaction Time (Group B)	Dr Cevdet Nacar Dr Hülya Cabadak
13:40-14:30	Biophysics LAB: Biofeedback and Reaction Time (Group C)	Dr Cevdet Nacar Dr Hülya Cabadak
14:40-15:30	Biophysics LAB: Biofeedback and Reaction Time (Group D)	Dr Cevdet Nacar Dr Hülya Cabadak
15:40-16:30	Biophysics LAB: Biofeedback and Reaction Time (Group E)	Dr Cevdet Nacar Dr Hülya Cabadak
16:40-17:30	Biophysics LAB: Biofeedback and Reaction Time (Group F)	Dr Cevdet Nacar Dr Hülya Cabadak
WEEK -7 (11 May-15 May 2020)		
Monday	11 May	
08:40-09:30	TFMS102 – Turkish for Medical Students-II (Foreign Students)	Ins. Emine Özerinç
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Medical English (Gr 1 & Gr 2)	Dr. Nazan Doğruer Inst. Ayşe Kozansoy
14:40-15:30		

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15:40-16:30	Elective Course – I (for Turkish students) MDCN181 – Theoretical and Applied Forensic Sciences	
16:40-17:30	MDCN182 – Arts and Crafts for Medical Students MDCN184 – Aerial Fitness and High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Yasemin Kurtoğlu
Tuesday	12 May	
08:40-09:30	Peripheral nervous system	Dr. Özgür Kasımay Çakır
09:40-10:30	Peripheral nervous system	Dr. Özgür Kasımay Çakır
10:40-11:30	Physiology LAB: Tests for vision and hearing physiology (Group A)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
11:40-12:30	Physiology LAB: Tests for vision and hearing physiology (Group A)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
13:40-14:30	Chemical Mediators of Neurotransmission	Dr. Özgür Kasımay Çakır
14:40-15:30	Biophysics of auditory system	Dr. Günseli Ayşe Garip İnhan
15:40-16:30	Biophysics of auditory system	Dr. Günseli Ayşe Garip İnhan
16:40-17:30	Conduction properties of action potential	Dr. Günseli Ayşe Garip İnhan
Wednesday	13 May	
08:40-09:30	Autonomic nervous system physiology	Dr. Özgür Kasımay Çakır
09:40-10:30	Autonomic nervous system physiology	Dr. Özgür Kasımay Çakır

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10:40-11:30	Learning memory and speech	Dr. Özgür Kasımay Çakır
11:40-12:30	Learning memory and speech	Dr. Özgür Kasımay Çakır
13:40-14:30	Physiology LAB: Tests for vision and hearing physiology (Group B)	Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım
14:40-15:30	Physiology LAB: Tests for vision and hearing physiology (Group B)	Dr. Özgür Kasımay Çakır Dr. Alper Yıldırım
15:40-16:30	Brain stem and reticular formation	Dr. Özgür Kasımay Çakır
16:40-17:30	Brain stem and reticular formation	Dr. Özgür Kasımay Çakır
Thursday	14 May	
08:40-09:30	Limbic system	Dr. Alper Yıldırım
09:40-10:30	Hormonal regulation of gonadal functions	Dr. Alper Yıldırım
10:40-11:30	Hormonal regulation of gonadal functions	Dr. Alper Yıldırım
11:40-12:30	PBL MODULE-6	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
13:40-14:30	PBL MODULE-6	Dr. Duygu Gençap Dr. Maryam Norouzbahari Dr. Özge Eker Inst. Gizem Şanlıtürk
14:40-15:30	ICS Research : Feedback Session	Dr. İlke Akçay

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		Dr. Özge Cumaoğulları Eker
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	15 May	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Biophysics LAB: Electrooculogram (Group A)	Dr Pinar Mega Tiber Dr Oya Orun
11:40-12:30	Biophysics LAB: Electrooculogram (Group B)	Dr Pinar Mega Tiber Dr Oya Orun
13:40-14:30	Biophysics LAB: Electrooculogram (Group C)	Dr Pinar Mega Tiber Dr Oya Orun
14:40-15:30	Biophysics LAB: Electrooculogram (Group D)	Dr Pinar Mega Tiber Dr Oya Orun
15:40-16:30	Biophysics LAB: Electrooculogram (Group E)	Dr Pinar Mega Tiber Dr Oya Orun
16:40-17:30	Biophysics LAB: Electrooculogram (Group F)	Dr Pinar Mega Tiber Dr Oya Orun
WEEK -8 (14 May-18 May 2018)		
Monday	18 May	
08:40-09:30		

	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
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	19 May	
08:40-09:30	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	20 May	
08:40-09:30	STUDY TIME	

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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	21 May	
08:40-09:30	Y1C4 THEORETICAL 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		
Friday	22 May	

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08:30-09:30		
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		