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| **C:\Users\Namariel\Downloads\TıpF (1)\TıpF\TıpF-2.png****MARMARA UNIVERSITY SCHOOL of MEDICINE** |
| INTRODUCTION TO NERVOUS SYSTEM AND HUMAN BEHAVIOR YEAR 1 COURSE 4April 04 - June 17, 2022 |
| **Coordinator of the Course 1.4**Assoc. Prof. Saime BATIREL | **Coordinator of the Module 1.4**Prof.Mehmet Ali GÜLPINAR |
| **Year 1 Coordinators** Prof. Dilek AKAKIN & Prof. Mustafa AKKİPRİK |
| **Module Coordinator**Prof. Rezzan GÜLHAN Assist.Prof. Sinem YILDIZ İNANICI | **Introduction to Clinical Practice (ICP) Coordinators**Prof. Gülru Pemra CÖBEK ÜNALANProf. Serap ÇİFÇİLİ |
|  **Coordinator of Multidisciplinary Students’ Lab**.Prof. Betül YILMAZ | **Coordinator of Clinical Skills Lab.**Assoc. Prof. Çiğdem APAYDIN |
|  **Coordinator of Assessment Unite**Assist. Prof. Cevdet NACAR | **Coordinator of Student Exchange Programs**Assist. Prof. Can ERZİK |
| **Vice-Chief Coordinators** |
| **Program** Prof.Oya ORUN | **Assessment**  Prof. Hasan R. YANANLI | **Students’ Affairs**Assist. Prof. Can ERZİK |
| **Chief Coordinator (Pre-Clinical Education)** Prof.Serap ŞİRVANCI | **Coordinator of Medical Education Program Evaluation and Development Commission**Prof. Harika ALPAY |
| **Vice Dean (Education)**Assist. Prof. Altuğ ÇinçinProf. Hasan R. YANANLI | **Dean**Prof. Ümit Süleyman ŞEHİRLİ |

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| MU MEDICAL SCHOOL PRE-CLINICAL EDUCATION PROGRAM |
| LEARNING OUTCOMES / COMPETENCIES1. Clinical Care: Qualified patient care and community oriented health care
2. Basic clinical skills
3. The organization and management of the patient and the patient care
4. The organization and the management of health care delivery services / system
5. Health promotion and disease prevention
6. Medical Knowledge and Evidence-Based Medicine
7. Appropriate information retrieval and management skills
8. The integration of knowledge, critical thinking and evidence-based decision making
9. Scientific methods and basic research skills
10. Professional Attitudes and Values
11. Communication skills and effective communication with patients / patient relatives
12. Interpersonal relationships and team working
13. Ethical and professional values, responsibilities
14. Individual, social and cultural values and responsibilities
15. Reflective practice and continuing development
16. Healthcare delivery systems, management and community oriented health care
17. Education and counseling
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| PHASE-1 LEARNING OBJECTIVES1. 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.
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| PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMSYear 1, Course 1: Introduction to Cell and Cellular ReplicationYear 1, Course 2: Cellular Metabolism and TransportYear 1, Course 3: Development and Organization of Human BodyYear 1, Course 4: Introduction to Nervous System and Human BehaviorYear 2, Course 1: Cell and Tissue Injury I Year 2, Course 2: Cell and Tissue Injury IIYear 2, Course 3: Hematopoietic System and Related DisordersYear 2, Course 4: Musculoskeletal, Integumentary Systems and Related DisordersYear 2, Course 5: Respiratory System and Related DisordersYear 3, Course 1: Cardiovascular System and Related DisordersYear 3, Course 2: Gastrointestinal System, Metabolism and Related DisordersYear 3, Course 3: Nervous System and Related DisordersYear 3, Course : Growth, Development, Mental Health and Related DisordersYear 3, Course 5: Urinary and Reproductive System and Related Disorders |

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| INTRODUCTION TO NERVOUS SYSTEM AND HUMAN BEHAVIOR |
| AIM and LEARNING OBJECTIVES of COURSE **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.**Learning Objectives:** At the end of this committee, first year students will, • 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 |
| **ASSESSMENT SYSTEM**Module examination: Written exam at the end of module (10 % of final score)Practical examination: Practical exams at the end of courseCourse 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-1.4 & MODULE-1.4 |
| * Anatomy
* Biochemistry
* Biophysics
* Child and Adolescent Psychiatry
* Family Medicine
* Internal Medicine
* Medical Education
* Medical Biology
 | * Histology & Embryology
* Medical Genetics
* Neurology
* Pharmacology
* Physiology
* Psychiatry
* Public Health
 |
| LECTURERS / TUTORS |
| Dilek AKAKIN, Professor of Histology & Embryology Yıldız AKVARDAR, Professor of Psychiatry Banu AYDIN OMAY, Assoc. Professor of BiophysicsSaime BATIREL, Assoc. Professor of Biochemistry Hülya CABADAK, Professor of Biophysics Şule ÇETİNEL, Professor of Histology & Embryology Özge EMRE, Instructor of Medical English Kürşat EPÖZTÜRK, Assist. Prof. of Medical History & EthicsCan ERZİK, Assist. Prof. of Medical BiologyGünseli Ayşe GARİP İNHAN, Assoc. Professor of Biophysics Ahmet İlter GÜNEY, Assoc. Professor of Medical GeneticsÖzgür KASIMAY, Professor of Physiology Hızır KURTEL, Professor of Physiology Pınar MEGA TİBER, Assoc. Professor of BiophysicsCevdet NACAR, Assist. Professor of Biophysics | Necmettin Ömer ÖZDOĞMUŞ, Assoc. Professor of Anatomy Ayşe SAKALLI KANİ, Assist. Professor of PsychiatryGürkan SERT, Assoc. Professor of Medical History & EthicsErdi SÖZEN, Assist. Professor of BiochemistryÜmit Süleyman ŞEHİRLİ, Professor of Anatomy Önder ŞİRİKÇİ, Professor of BiochemistrySerap ŞİRVANCI, Professor of Histology & Embryology Arzu UZUNER, Professor of Family MedicineGülru Pemra ÜNALAN, Professor of Family MedicineUral VERİMLİ, Assist. Professor of Anatomy Axel RODIGER WÜRZ, Assist. Professor of Psychiatry Ahmet Suha YALÇIN, Professor of Biochemistry Berrak YEGEN, Professor of Physiology Alper YILDIRIM, Assoc. Professor of Physiology |

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| **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-Saudersd, 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 editorü: 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 THECOURSE 1.4 |
| **Discipline** | **Lecture & Group Discussion** | **Multidisciplinary Lab. & Clinical Skills Lab. Practice** | **Total** |
| Anatomy | 19 | 6 | 25 |
| Biochemistry | 10 |  | 10 |
| Biophysics | 11 | 2 | 13 |
| Family Medicine | 1 |  | 1 |
| Medical Genetics | 1 |  | 1 |
| Histology and Embryology | 10 | 2 | 12 |
| Medical History and Ethics | 9 |  | 9 |
| Multidisciplinary course | 14 |  | 14 |
| Physiology | 25 | 3 | 28 |
| Psychiatry | 23 |  | 23 |
| **Subtotal** | **123** | **13** | **136** |
| PBL Module | 10 |  | 10 |
| ICP-1: Research | 12 |  | 12 |
| ICP-1: Free study with research advisors for reviewing posters for MaSCo | 8 |  | 8 |
| ICP-1: Student's Research Presentations | 14 |  | 14 |
| ICP-1: Guideline about research report writing | 4 |  |  |
| Medical English | 12 |  | 12 |
| **TOTAL** | **183** | **13** | **196** |

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| **TEN WEEK PROGRAM** |
|  | **THEORETICAL AND PRACTICAL SESSIONS** | **LECTURER(S)/TUTOR(S)** |
| **Week-1 (04 April - 08 April 2022)** |
| **Monday** | **04 April** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Introduction to Medical Deontology and Ethics | Dr. Gürkan Sert |
| 11:40-12:30 | Introduction to Medical Deontology and Ethics | Dr. Gürkan Sert |
|  |  |  |
| 13:40-14:30 | Introduction to nervous system | Dr. Ümit Süleyman Şehirli |
| 14:40-15:30 | Introduction to nervous system | Dr. Ümit Süleyman Şehirli |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective course |  |
| 18:40-19:30 | Elective course |  |
|  |  |  |
| **Tuesday** | **05 April** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Neurocranium | Dr. Necmettin Ömer Özdoğmuş |
| 10:40-11:30 | Neurocranium | Dr. Necmettin Ömer Özdoğmuş |
| 11:40-12:30 | Neurocranium | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 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 | Art and Anatomy | Dr. Can Erzik |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **06 April** |   |
| 08:40-09:30 | Viscerocranium | Dr. Necmettin Ömer Özdoğmuş |
| 09:40-10:30 | Viscerocranium | Dr. Necmettin Ömer Özdoğmuş |
| 10:40-11:30 | Medical English | Dr. Özge Emre |
| 11:40-12:30 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
| **Thursday** | **07 April** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | **ICP-1 Make-up Exam** |  |
| 11:40-12:30 | Introduction to the course | Dr. Saime Batırel |
|  |  |  |
| 13:40-14:30 | Anatomy LAB: Neurocranium - A | Anatomy Lab. |
| 14:40-15:30 | Anatomy LAB: Neurocranium - B | Anatomy Lab. |
| 15:40-16:30 | Anatomy LAB: Neurocranium - C | Anatomy Lab. |
| 16:40-17:30 | Anatomy LAB: Neurocranium - D | Anatomy Lab. |
| 17:40-18:30 |  |  |
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| **Friday** | **08 April** |   |
| 08:40-09:30 | ICP-1 Communication Skills and Introduction to Medical Interview | ICP Lab. |
| 09:40-10:30 | ICP-1 Communication Skills and Introduction to Medical Interview | ICP Lab. |
| 10:40-11:30 | ICP-1 Communication Skills and Introduction to Medical Interview | ICP Lab. |
| 11:40-12:30 | ICP-1 Communication Skills and Introduction to Medical Interview | ICP Lab. |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Base of the skull | Dr. Necmettin Ömer Özdoğmuş |
| 15:40-16:30 | Base of the skull | Dr. Necmettin Ömer Özdoğmuş |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |

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| **Week-2 (11 April - 15 April 2022)** |
| **Monday** | **11 April** |   |
| 08:40-09:30 | Learning theory and its application in psychology | Dr. Axel Würz |
| 09:40-10:30 | Learning theory and its application in psychology | Dr. Axel Würz |
| 10:40-11:30 | Histology of nervous tissue | Dr. Serap Şanlı Şirvancı |
| 11:40-12:30 | Histology of nervous tissue | Dr. Serap Şanlı Şirvancı |
|  |  |  |
| 13:40-14:30 | Cortex | Dr. Ural Verimli |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective course |  |
| 18:40-19:30 | Elective course |  |
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| **Tuesday** | **12 April** |   |
| 08:40-09:30 | Subcortical structures | Dr. Ümit Süleyman Şehirli |
| 09:40-10:30 | Medical professionalism | Dr. Can Erzik |
| 10:40-11:30 | Informed consent | Dr. Gürkan Sert |
| 11:40-12:30 | Brain stem | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:40-14:30 | Anatomy LAB: Viscerocranium - A | Anatomy Lab. |
| 14:40-15:30 | Anatomy LAB: Viscerocranium - B | Anatomy Lab. |
| 15:40-16:30 | Anatomy LAB: Viscerocranium - C | Anatomy Lab. |
| 16:40-17:30 | Anatomy LAB: Viscerocranium - D | Anatomy Lab. |
| 17:40-18:30 |  |  |
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| **Wednesday** | **13 April** |   |
| 08:40-09:30 | Histology LAB: Nervous Tissue - A | Multidisciplinary Lab. |
| 09:40-10:30 | Histology LAB: Nervous Tissue - A | Multidisciplinary Lab. |
| 10:40-11:30 | Histology LAB: Nervous Tissue - B | Multidisciplinary Lab. |
| 11:40-12:30 | Histology LAB: Nervous Tissue - B | Multidisciplinary Lab. |
|  |  |  |
| 13:40-14:30 | Histology LAB: Nervous Tissue - C | Multidisciplinary Lab. |
| 14:40-15:30 | Histology LAB: Nervous Tissue - C | Multidisciplinary Lab. |
| 15:40-16:30 | Histology LAB: Nervous Tissue - D | Multidisciplinary Lab. |
| 16:40-17:30 | Histology LAB: Nervous Tissue - D | Multidisciplinary Lab. |
| 17:40-18:30 |  |  |
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| **Thursday** | **14 April** |   |
| 08:40-09:30 | Psychological development: Cognitive and social domains | Dr.Ayşe Sakallı Kani |
| 09:40-10:30 | Psychological development: Cognitive and social domains | Dr.Ayşe Sakallı Kani |
| 10:40-11:30 | Vertebral column | Dr. Ümit Süleyman Şehirli |
| 11:40-12:30 | Vertebral column | Dr. Ümit Süleyman Şehirli |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Patient rights | Dr. Gürkan Sert |
| 15:40-16:30 | Privacy and confidentiality | Dr. Kürşat Epöztürk |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
|   |   |   |
| **Friday** | **15 April** |   |
| 08:40-09:30 | ICP-1 Research and Computer Skills- online |  |
| 09:40-10:30 | ICP-1 Research and Computer Skills- online |  |
| 10:40-11:30 | ICP-1 Research and Computer Skills- online |  |
| 11:40-12:30 | ICP-1 Research and Computer Skills- online |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Synaptic transmission in learning and memory | Dr. Hülya Cabadak |
| 15:40-16:30 | Synaptic transmission in learning and memory | Dr. Hülya Cabadak |
| 16:40-17:30 | Synapses and neuronal integration | Dr. Hızır Kurtel |
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| 17:40-18:30 |  |  |

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| **Week-3 (18 April - 22 April 2022)** |
| **Monday** | **18 April** |   |
| 08:40-09:30 | Learning memory and speech | Dr. Özgür Kasımay  |
| 09:40-10:30 | Learning memory and speech | Dr. Özgür Kasımay  |
| 10:40-11:30 | Development of nervous system | Dr. Serap Şanlı Şirvancı |
| 11:40-12:30 | Development of nervous system | Dr. Serap Şanlı Şirvancı |
|  |  |  |
| 13:40-14:30 | Chemical Mediators of Neurotransmission | Dr. Özgür Kasımay  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
| 18:40-19:30 |  |  |
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| **Tuesday** | **19 April** |   |
| 08:40-09:30 | Peripheral nervous system | Dr. Özgür Kasımay  |
| 09:40-10:30 | Peripheral nervous system | Dr. Özgür Kasımay  |
| 10:40-11:30 | Autonomic nervous system physiology | Dr. Berrak Yeğen |
| 11:40-12:30 | Autonomic nervous system physiology | Dr. Berrak Yeğen |
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| 13:40-14:30 | Conduction properties of action potential | Dr. Günseli Ayşe Garip İnhan |
| 14:40-15:30 | Brain and behaviour | Dr. Yıldız Akvardar |
| 15:40-16:30 | Brain and behaviour | Dr. Yıldız Akvardar |
| 16:40-17:30 | Human systems and relations: The case of organisations | Dr. Yıldız Akvardar |
| 17:40-18:30 |  |  |
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| **Wednesday** | **20 April** |   |
| 08:40-09:30 | Perception | Dr. Axel Würz |
| 09:40-10:30 | Perception | Dr. Axel Würz |
| 10:40-11:30 | Medical English | Dr. Özge Emre |
| 11:40-12:30 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:40-14:30 | Brain stem and reticular formation | Dr. Berrak Yeğen |
| 14:40-15:30 | Brain stem and reticular formation | Dr. Berrak Yeğen |
| 15:40-16:30 | Emotions in cognitive and cultural context | Dr.Ayşe Sakallı Kani |
| 16:40-17:30 | Emotions in cognitive and cultural context | Dr.Ayşe Sakallı Kani |
| 17:40-18:30 |  |  |
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| **Thursday** | **21 April** |   |
| 08:40-09:30 | Anatomy LAB: Base of the skull - A | Anatomy Lab. |
| 09:40-10:30 | Anatomy LAB: Base of the skull - B | Anatomy Lab. |
| 10:40-11:30 | Anatomy LAB: Base of the skull - C | Anatomy Lab. |
| 11:40-12:30 | Anatomy LAB: Base of the skull - D | Anatomy Lab. |
|  |  |  |
| 13:40-14:30 | Anatomy LAB: Vertebral Column – A | Anatomy Lab. |
| 14:40-15:30 | Anatomy LAB: Vertebral Column – B | Anatomy Lab. |
| 15:40-16:30 | Anatomy LAB: Vertebral Column – C | Anatomy Lab. |
| 16:40-17:30 | Anatomy LAB: Vertebral Column - D | Anatomy Lab. |
| 17:40-18:30 |  |  |
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| **Friday** | **22 April** |   |
| 08:40-09:30 | ICP-1 Research and Computer Skills- online |  |
| 09:40-10:30 | ICP-1 Research and Computer Skills- online |  |
| 10:40-11:30 | ICP-1 Research and Computer Skills- online |  |
| 11:40-12:30 | ICP-1 Research and Computer Skills- online |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | General orientation to higher functions of the nervous system  | Dr. Axel Würz |
| 15:40-16:30 | General orientation to higher functions of the nervous system  | Dr. Axel Würz |
| 16:40-17:30 | Drives and motivation: The case of sexuality | Dr. Axel Würz |
| 17:40-18:30 |  |  |
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| **Week-4 (25 April - 29 April 2022)** |
| **Monday** | **25 April** |   |
| 08:40-09:30 | Limbic system | Dr. Alper Yıldırım |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Biochemical aspect of nervous tissue | Dr. Ahmet Süha Yalçın |
| 11:40-12:30 | Biochemical aspect of nervous tissue | Dr. Ahmet Süha Yalçın |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16-30 |  |  |
| 16:40-17:30 |  |   |
| 17:40-18:30 | Elective course |   |
| 18:40-19:30 | Elective course |   |
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| **Tuesday** | **26 April** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 | Histology of endocrine organs | Dr. Dilek Akakın |
|  |  |  |
| 13:40-14:30 | Adrenal and thymus gland | Dr. Necmettin Ömer Özdoğmuş |
| 14:40-15:30 | Hypothalamus and pituitary | Dr. Alper Yıldırım |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **27 April** |   |
| 08:40-09:30 | Hormone structure and action | Dr. Ahmet Süha Yalçın |
| 09:40-10:30 | Hormone structure and action | Dr. Ahmet Süha Yalçın |
| 10:40-11:30 | Medical English | Dr. Özge Emre |
| 11:40-12:30 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:40-14:30 | Ethical issues at the beginning of life | Dr. Can Erzik |
| 14:40-15:30 | Hormonal regulation of gonadal functions | Dr. Alper Yıldırım |
| 15:40-16:30 | Hormonal regulation of gonadal functions | Dr. Alper Yıldırım |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Thursday** | **28 April** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Ethical issues at the end of life | Dr. Kürşat Epöztürk |
| 15:40-16:30 | Peptide hormones and catecholamines | Dr. Saime Batırel |
| 16:40-17:30 | Peptide hormones and catecholamines | Dr. Saime Batırel |
| 17:40-18:30 |  |  |
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| **Friday** | **29 April** |   |
| 08:40-09:30 | ICP-1 Research and Computer Skills- online |  |
| 09:40-10:30 | ICP-1 Research and Computer Skills- online |  |
| 10:40-11:30 | ICP-1 Research and Computer Skills- online |  |
| 11:40-12:30 | ICP-1 Research and Computer Skills- online |  |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Week-5 (02 May - 06 May 2022)** |
| **Monday** | **02 May** |   |
| 08:40-09:30 | **RAMAZAN BAYRAMI1. GÜN** |  |
| 09:40-10:30 |  |
| 10:40-11:30 |  |
| 11:40-12:30 |  |
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| 13:40-14:30 |  |
| 14:40-15:30 |  |
| 15:40-16:30 |  |
| 16:40-17:30 |  |
| 17:40-18:30 |  |
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| **Tuesday** | **03 May** |   |
| **08:40-09:30** | **RAMAZAN BAYRAMI2. GÜN** |  |
| **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** |  |
| **17:40-18:30** |  |
|  |  |  |
| **Wednesday** | **04 May** |   |
| **08:40-09:30** | **RAMAZAN BAYRAMI3. GÜN** |  |
| **09:40-10:30** |  |
| **10:40-11:30** |  |
| **11:40-12:30** |  |
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| **13:40-14:30** |  |
| **14:40-15:30** |  |
| **15:40-16:30** |  |
| **16:40-17:30** |  |
| **17:40-18:30** |  |
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| **Thursday** | **05 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Steroid and thyroid hormones | Dr. Erdi Sözen |
| 11:40-12:30 | Steroid and thyroid hormones | Dr. Erdi Sözen |
|  |  |  |
| 13:40-14:30 | Temperament / Personality | Dr. Yıldız Akvardar |
| 14:40-15:30 | Temperament / Personality | Dr. Yıldız Akvardar |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Friday** | **06 May** |   |
| 08:40-09:30 | ICP-1 Research and Computer Skills- online |  |
| 09:40-10:30 | ICP-1 Research and Computer Skills- online |  |
| 10:40-11:30 | ICP-1 Research and Computer Skills- online |  |
| 11:40-12:30 | ICP-1 Research and Computer Skills- online |  |
|  |  |  |
| 13:40-14:30 |  |  |
| 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 |
| 17:40-18:30 |  |  |
|  |  |  |
| **Week-6 (09 May - 13 May 2022)** |
| **Monday** | **09 May** |   |
| 08:40-09:30 | Orbit and its content | Dr. Ümit Süleyman Şehirli |
| 09:40-10:30 | Orbit and its content | Dr. Ümit Süleyman Şehirli |
| 10:40-11:30 | Histology of the eye | Dr. Dilek Akakın |
| 11:40-12:30 | Histology of the eye | Dr. Dilek Akakın |
|  |  |  |
| 13:40-14:30 | Memory systems | Dr. Yıldız Akvardar |
| 14:40-15:30 | Memory systems | Dr. Yıldız Akvardar |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective course |  |
| 18:40-19:30 | Elective course |  |
|  |  |  |
| **Tuesday** | **10 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Physiology of vision | Dr. Berrak Yeğen |
| 10:40-11:30 | Physiology of vision | Dr. Berrak Yeğen |
| 11:40-12:30 | Physiology of vision | Dr. Berrak Yeğen |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 | PBL-1 |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
|  |  |  |
| **Wednesday** | **11 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | PBL Study Time |  |
| 10:40-11:30 | Medical English | Dr. Özge Emre |
| 11:40-12:30 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:40-14:30 | Signal transduction and sensory stimuli | Dr. Önder Şirikçi |
| 14:40-15:30 | Signal transduction and sensory stimuli | Dr. Önder Şirikçi |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Thursday** | **12 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | Biophysics of photoreception | Dr. Cevdet Nacar |
| 11:40-12:30 | Biophysics of photoreception | Dr. Cevdet Nacar |
|  |  |  |
| 13:40-14:30 | Anatomy LAB: Orbit and its contents - A | Anatomy Lab. |
| 14:40-15:30 | Anatomy LAB: Orbit and its contents - B | Anatomy Lab. |
| 15:40-16:30 | Anatomy LAB: Orbit and its contents - C | Anatomy Lab. |
| 16:40-17:30 | Anatomy LAB: Orbit and its contents - D | Anatomy Lab. |
| 17:40-18:30 |  |  |
|  |  |  |
| **Friday** | **13 May** |   |
| 08:40-09:30 | ICP-1 Research Presentations |  |
| 09:40-10:30 | ICP-1 Research Presentations |  |
| 10:40-11:30 | ICP-1 Research Presentations |  |
| 11:40-12:30 | ICP-1 Research Presentations |  |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 | PBL-2 |  |
| 15:40-16:30 | PBL-2 |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Week-7 (16 May - 20 May 2022)** |
| **Monday** | **16 May** |   |
| 08:40-09:30 | ICP-1 Research Presentations |  |
| 09:40-10:30 | ICP-1 Research Presentations |  |
| 10:40-11:30 | ICP-1 Research Presentations |  |
| 11:40-12:30 | ICP-1 Research Presentations |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective course |  |
| 18:40-19:30 | Elective course |  |
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| **Tuesday** | **17 May** |   |
| 08:40-09:30 | ICP-1 Research Presentation |  |
| 09:40-10:30 | ICP-1 Research Presentation |  |
| 10:40-11:30 | ICP-1 Research Presentation |  |
| 11:40-12:30 | ICP-1 Research Presentation |  |
|  |  |  |
| 13:40-14:30 | PBL Study Time |  |
| 14:40-15:30 | PBL-3 |  |
| 15:40-16:30 | PBL-3 |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **18 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | PBL Study Time |  |
| 10:40-11:30 | Medical English | Dr. Özge Emre |
| 11:40-12:30 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 | Histology of the ear | Dr. Şule Çetinel |
| 16:40-17:30 | Histology of the ear | Dr. Şule Çetinel |
| 17:40-18:30 |  |  |
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| **Thursday** | **19 May** |   |
| 08:40-09:30 | **19 MAYIS ATATÜRK'Ü ANMA,** **GENÇLİK VE SPOR BAYRAMI** |  |
| 09:40-10:30 |  |
| 10:40-11:30 |  |
| 11:40-12:30 |  |
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| 13:40-14:30 |  |
| 14:40-15:30 |  |
| 15:40-16:30 |  |
| 16:40-17:30 |  |
| 17:40-18:30 |  |
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| **Friday** | **20 May** |   |
| 08:40-09:30 | ICP-1 Research Presentation |  |
| 09:40-10:30 | ICP-1 Research Presentation |  |
| 10:40-11:30 | ICP-1 Research Presentation |  |
| 11:40-12:30 | ICP-1 Research Presentation |  |
|  |  |  |
| 13:40-14:30 |  |  |
| 14:40-15:30 | PBL-4 |  |
| 15:40-16:30 | PBL-4 |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Week-8 (23 May - 27 May 2022)** |
| **Monday** | **23 May** |   |
| 08:40-09:30 | ICP-1 Research Presentation |  |
| 09:40-10:30 | ICP-1 Research Presentation |  |
| 10:40-11:30 | ICP-1 Research Presentation |  |
| 11:40-12:30 | ICP-1 Research Presentation |  |
|  |  |  |
| 13:40-14:30 | Optics of vision | Dr. Pınar Mega Tiber |
| 14:40-15:30 | Optics of vision | Dr. Pınar Mega Tiber |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective course |  |
| 18:40-19:30 | Elective course |  |
|  |  |  |
| **Tuesday** | **24 May** |   |
| 08:40-09:30 | Receptive fields and retinal processing | Dr. Cevdet Nacar |
| 09:40-10:30 | Receptive fields and retinal processing | Dr. Cevdet Nacar |
| 10:40-11:30 | Biophysics of auditory system | Dr. Banu Aydın Omay |
| 11:40-12:30 | Biophysics of auditory system | Dr. Banu Aydın Omay |
|  |  |  |
| 13:40-14:30 | PBL Study Time |  |
| 14:40-15:30 | PBL-5 |  |
| 15:40-16:30 | PBL-5 |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **25 May** |   |
| 08:40-09:30 | Anatomy of the ear | Dr. Necmettin Ömer Özdoğmuş |
| 09:40-10:30 | Anatomy of the ear | Dr. Necmettin Ömer Özdoğmuş |
| 10:40-11:30 | Medical English | Dr. Özge Emre |
| 11:40-12:30 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:40-14:30 | Anatomy LAB: The ear - A | Anatomy Lab |
| 14:40-15:30 | Anatomy LAB: The ear - B | Anatomy Lab |
| 15:40-16:30 | Anatomy LAB: The ear - C | Anatomy Lab |
| 16:40-17:30 | Anatomy LAB: The ear - D | Anatomy Lab |
| 17:40-18:30 |  |  |
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| **Thursday** | **26 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Biophysics LAB: Electrooculogram-A | Computer Lab. |
| 10:40-11:30 | Biophysics LAB: Electrooculogram-B | Computer Lab. |
| 11:40-12:30 | Biophysics LAB: Electrooculogram-C | Computer Lab. |
|  |  |  |
| 13:40-14:30 | Biophysics LAB: Electrooculogram-D | Computer Lab. |
| 14:40-15:30 | Biophysics LAB: Electrooculogram-E | Computer Lab. |
| 15:40-16:30 | Biophysics LAB: Electrooculogram-F | Computer Lab. |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Friday** | **27 May** |   |
| 08:40-09:30 | **MASCO** |  |
| 09:40-10:30 |  |
| 10:40-11:30 |  |
| 11:40-12:30 |  |
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| 13:40-14:30 |  |
| 14:40-15:30 |  |
| 15:40-16:30 |  |
| 16:40-17:30 |  |
| 17:40-18:30 |  |
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| **Week-9 (30 May - 03 June 2022)** |
| **Monday** | **30 May** |   |
| 08:40-09:30 | Initiation of impulses in sense organs | Dr. Alper Yıldırım |
| 09:40-10:30 | Sensory perception | Dr. Alper Yıldırım |
| 10:40-11:30 | Physiology of hearing | Dr. Hızır Kurtel |
| 11:40-12:30 | Physiology of hearing | Dr. Hızır Kurtel |
|  |  |  |
| 13:40-14:30 | Development of the eye | Dr. Şule Çetinel |
| 14:40-15:30 | Development of the ear | Dr. Şule Çetinel |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective course |  |
| 18:40-19:30 | Elective course |  |
|  |  |  |
| **Tuesday** | **31 May** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Physiology LAB: Tests for vision and hearing physiology-A | Multidisciplinary Lab. |
| 10:40-11:30 | Physiology LAB: Tests for vision and hearing physiology-A | Multidisciplinary Lab. |
| 11:40-12:30 | Physiology LAB: Tests for vision and hearing physiology-A | Multidisciplinary Lab. |
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| 13:40-14:30 | PBL Study Time |  |
| 14:40-15:30 | PBL-6 |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **01 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Physiology LAB: Tests for vision and hearing physiology-B | Multidisciplinary Lab. |
| 10:40-11:30 | Physiology LAB: Tests for vision and hearing physiology-B | Multidisciplinary Lab. |
| 11:40-12:30 | Physiology LAB: Tests for vision and hearing physiology-B | Multidisciplinary Lab. |
|  |  |  |
| 13:40-14:30 | Physiology LAB: Tests for vision and hearing physiology-C | Multidisciplinary Lab. |
| 14:40-15:30 | Physiology LAB: Tests for vision and hearing physiology-C | Multidisciplinary Lab. |
| 15:40-16:30 | Physiology LAB: Tests for vision and hearing physiology-C | Multidisciplinary Lab. |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Thursday** | **02 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 | Biophysics LAB: Biofeedback and Reaction Time-A | Computer Lab. |
| 10:40-11:30 | Biophysics LAB: Biofeedback and Reaction Time-B | Computer Lab. |
| 11:40-12:30 | Biophysics LAB: Biofeedback and Reaction Time-C | Computer Lab. |
|  |  |  |
| 13:40-14:30 | Biophysics LAB: Biofeedback and Reaction Time-D | Computer Lab. |
| 14:40-15:30 | Biophysics LAB: Biofeedback and Reaction Time-E | Computer Lab. |
| 15:40-16:30 | Biophysics LAB: Biofeedback and Reaction Time-F | Computer Lab. |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Friday** | **03 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 | Vestibular system | Dr. Alper Yıldırım |
| 15:40-16:30 | Vestibular system | Dr. Alper Yıldırım |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
|   |   |   |
| **Week-10 (06 June – 10 June 2022)** |
| **Monday** | **06 June** |   |
| 08:40-09:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 09:40-10:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 10:40-11:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 11:40-12:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 | Elective course |  |
| 18:40-19:30 | Elective course |  |
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| **Tuesday** | **07 June** |   |
| 08:40-09:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 09:40-10:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 10:40-11:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 11:40-12:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
|  |  |  |
| 13:40-14:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 14:40-15:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 15:40-16:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 16:40-17:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 17:40-18:30 |  |  |
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| **Wednesday** | **08 June** |   |
| 08:40-09:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 09:40-10:30 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Arzu Uzuner |
| 10:40-11:30 | Medical English | Dr. Özge Emre |
| 11:40-12:30 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:40-14:30 | Introduction to family medicine | Dr. Gülru Pemra Ünalan |
| 14:40-15:30 | Chemical senses | Dr. Alper Yıldırım |
| 15:40-16:30 | Molecular genetics of nervous system | Dr. Ahmet İlter Güney |
| 16:40-17:30 | Cutaneous senses | Dr. Özgür Kasımay  |
| 17:40-18:30 |  |  |
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| **Thursday** | **09 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
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| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Friday** | **10 June** |   |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Week-11 (13 June – 17 June 2022)** |
| **Monday** | **13 June** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 | **Y1C4 PRACTICAL EXAM (ANATOMY)** |  |
| 11:40-12:30 |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Tuesday** | **14 June** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |  |  |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Wednesday** | **15 June** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |   |   |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Thursday** | **16 June** |   |
| 08:40-09:30 | **Y1C4 THEORETICAL EXAM** |  |
| 09:40-10:30 |  |
| 10:40-11:30 |  |
| 11:40-12:30 |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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| **Friday** | **17 June** |  |
| 08:40-09:30 |  |  |
| 09:40-10:30 |   |   |
| 10:40-11:30 |  |  |
| 11:40-12:30 |  |  |
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| 13:40-14:30 |  |  |
| 14:40-15:30 |  |  |
| 15:40-16:30 |  |  |
| 16:40-17:30 |  |  |
| 17:40-18:30 |  |  |
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