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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 4  April 12 - June 24, 2021 | | | |
| **Coordinator of the Course 1.4**  Assoc. Prof., Saime BATIREL | | **Coordinator of the Module 1.4**  Prof., Mehmet Ali GÜLPINAR | |
| **Year 1 Coordinators**  Assoc. Prof., Dilek AKAKIN & Prof., Mustafa AKKİPRİK | | | |
| **Module Coordinators**  Prof., Rezzan GÜLHAN & Assist.Prof., Sinem YILDIZ İNANICI | | **Introduction to Clinical Practice (ICP) Coordinators**  Prof, Gülru Pemra CÖBEK ÜNALAN & Prof., Serap ÇİFÇİLİ | |
| **Coordinator of Multidisciplinary Students’ Lab**.  Assoc. Prof., Betül KARADEMİR | | **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**  Assoc. 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)**  Prof., Ümit ŞEHİRLİ | | **Dean**  Prof., Hakan GÜNDÜZ | |

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| MU MEDICAL SCHOOL PRE-CLINICAL EDUCATION PROGRAM |
| LEARNING OUTCOMES / COMPETENCIES   1. 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 |
| 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 |

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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 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-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, Assoc. Professor of Histology & Embryology  Mehmet AKMAN, Professor of Family Medicine  Yıldız AKVARDAR, Professor of Psychiatry  Yaşar İnci ALİCAN, Professor of Physiology  İzzet Hakkı ARIKAN, Professor of Internal Diseases  Vafi ATALAY, Assoc. Professor of General Surgery  Saime BATIREL, Assoc. Professor of Biochemistry  Hülya CABADAK, Professor of Biophysics  Şule ÇETİNEL, Professor of Histology & Embryology  Arzu DENİZBAŞI ALTINOK, Professor of Emergency Medicine  Nihal DURMUŞ KOCAASLAN, Assoc. Professor of Plastic, Reconstructive and Aesthetic Surgery  Özge EMRE, Instructor of Medical English  Günseli Ayşe GARİP İNHAN, Assoc. Professor of Biophysics  Şefik GÖRKEY, Professor of Medical History & Ethics  Ahmet İlter GÜNEY, Assoc. Professor of Medical Genetics  Pınar KAHRAMAN KOYTAK, Assoc.Professor of Neurology  Özgür KASIMAY ÇAKIR, Assoc. Professor of Physiology  Cevdet NACAR, Assist. Professor of Biophysics  Oya ORUN, Professor of Biophysics  Necmettin Ömer ÖZDOĞMUŞ, Assoc. Professor of Anatomy | | Hızır KURTEL, Professor of Physiology  Pınar MEGA TİBER, Assoc. Professor of Biophysics  Özlem SARIKAYA, Professor of Medical Education  Erdi SÖZEN, Lecturer of Biochemistry  Ümit Süleyman ŞEHİRLİ, Professor of Anatomy  Önder ŞİRİKÇİ, Professor of Biochemistry  Serap ŞİRVANCI, Professor of Histology & Embryology  Osman Mert TOPKAR, , Assist. Professor of Orthopedics and Traumatology  Arzu UZUNER, Professor of Family Medicine  Gülru Pemra CÖBEK ÜNALAN, Professor of Family Medicine  Ural VERİMLİ, Assist. Professor of Anatomy  Axel WÜRZ, Instructor of Psychiatry  Ahmet Suha YALÇIN, Professor of Biochemistry  Berrak YEGEN, Professor of Physiology  Alper YILDIRIM, Assoc. Professor of Physiology  Mesut YILDIZ, , Assoc. Professor of Psychiatry  Sinem YILDIZ İNANICI, Assist. Professor of Medical Education  Hakan YÖNEY, Professor of Psychiatry |

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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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| **EIGHT WEEK PROGRAM** | | |
|  | **THEORETICAL AND PRACTICAL SESSIONS** | **LECTURER(S)/TUTOR(S)** |
| **Week-1 (12 April - 16 April 2021)** | | |
| **Monday** | **12 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **13 April** |  |
| 09:00-09:50 | Introduction to the course | Dr. Saime Batırel |
| 10:00-10:50 | Human systems and relations in psychological perspective | Dr. Axel Würz |
| 11:00-11:50 | The use of psychology in medical context | Dr. Axel Würz |
|  |  |  |
| 13:00-13:50 | Introduction to nervous system | Dr. Ümit Süleyman Şehirli |
| 14:00-14:50 | Introduction to nervous system | Dr. Ümit Süleyman Şehirli |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
|  |  |  |
| **Wednesday** | **14 April** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills |  |
| 10:00-10:50 | ICP-1 Student research activity & computer skills |  |
| 11:00-11:50 | ICP-1 Student research activity & computer skills |  |
|  |  |  |
| 13:00-13:50 | ICP-1 Student research activity & computer skills |  |
| 14:00-14:50 | Neurocranium | Dr. Necmettin Ömer Özdoğmuş |
| 15:00-15:50 | Neurocranium | Dr. Necmettin Ömer Özdoğmuş |
| 16:00-16:50 | Neurocranium | Dr. Necmettin Ömer Özdoğmuş |
| 17:00-17:50 |  |  |
|  |  |  |
| **Thursday** | **15 April** |  |
| 09:00-09:50 | Anatomy LAB: Neurocranium | Anatomy Lab. |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:00-13:50 | Brain and behaviour | Dr. Hakan Yöney |
| 14:00-14:50 | Brain and behaviour | Dr. Hakan Yöney |
| 15:00-15:50 | Histology of nervous tissue | Dr. Serap Şirvancı |
| 16:00-16:50 | Histology of nervous tissue | Dr. Serap Şirvancı |
| 17:00-17:50 |  |  |
|  |  |  |
| **Friday** | **16 April** |  |
| 09:00-09:50 | Art and Anatomy | Dr. Şefik Görkey |
| 10:00-10:50 | Viscerocranium | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Viscerocranium | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Introduction to Medical Deontology and Ethics | Dr. Şefik Görkey |
| 16:00-16:50 | Introduction to Medical Deontology and Ethics | Dr. Şefik Görkey |
| 17:00-17:50 |  |  |
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| **Week-2 (19 April - 23 April 2021)** | | |
| **Monday** | **19 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Base of the skull | Dr. Necmettin Ömer Özdoğmuş |
| 11:00-11:50 | Base of the skull | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **20 April** |  |
| 09:00-09:50 | Anatomy LAB: Viscerocranium | Anatomy Lab. |
| 10:00-10:50 | Cortex | Dr. Ural Verimli |
| 11:00-11:50 | Subcortical structures | Dr. Ümit Süleyman Şehirli |
|  |  |  |
| 13:00-13:50 | Medical professionalism | Dr. Şefik Görkey |
| 14:00-14:50 | Informed consent | Dr. Şefik Görkey |
| 15:00-15:50 | Psychological development: Cognitive and social domains | Dr. Mesut Yıldız |
| 16:00-16:50 | Psychological development: Cognitive and social domains | Dr. Mesut Yıldız |
| 17:00-17:50 |  |  |
|  |  |  |
| **Wednesday** | **21 April** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
|  |  |  |
| 13:00-13:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 14:00-14:50 | Vertebral column | Dr. Ümit Süleyman Şehirli |
| 15:00-15:50 | Vertebral column | Dr. Ümit Süleyman Şehirli |
| 16:00-16:50 | Anatomy LAB: Base of the skull | Anatomy Lab. |
| 17:00-17:50 |  |  |
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| **Thursday** | **22 April** |  |
| 09:00-09:50 | Anatomy LAB: Vertebral Column | Anatomy Lab. |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:00-13:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 14:00-14:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 15:00-15:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 16:00-16:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 17:00-17:50 |  |  |
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| **Friday** | **23 April** |  |
| 09:00-09:50 | **23 NİSAN ULUSAL EGEMENLİK VE**  **ÇOCUK BAYRAMI** |  |
| 10:00-10:50 |  |
| 11:00-11:50 |  |
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| 13:00-13:50 |  |
| 14:00-14:50 |  |
| 15:00-15:50 |  |
| 16:00-16:50 |  |
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| **Week-3 (26 April - 30 April 2021)** | | |
| **Monday** | **26 April** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **27 April** |  |
| 09:00-09:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 10:00-10:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 11:00-11:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
|  |  |  |
| 13:00-13:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 14:00-14:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 15:00-15:50 | PBL-1 |  |
| 16:00-16:50 | PBL-1 |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **28 April** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
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| 13:00-13:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 14:00-14:50 | Synapses and neuronal integration | Dr. Hızır Kurtel |
| 15:00-15:50 | Development of nervous system | Dr. Serap Şirvancı |
| 16:00-16:50 | Development of nervous system | Dr. Serap Şirvancı |
| 17:00-17:50 | Histology LAB: Nervous Tissue | Multidisciplinary Lab. |
|  |  |  |
| **Thursday** | **29 April** |  |
| 09:00-09:50 | PBL STUDY TIME |  |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:00-13:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 14:00-14:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 15:00-15:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 16:00-16:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
| 17:00-17:50 | Multidisciplinary course: Socioeconomic and Cultural Parameters of Health | Dr. Özlem Sarıkaya - Dr. Arzu Uzuner |
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| **Friday** | **30 April** |  |
| 09:00-09:50 | Chemical mediators of neurotransmission | Dr. Özgür Kasımay Çakır |
| 10:00-10:50 | Peripheral nervous system | Dr. Özgür Kasımay Çakır |
| 11:00-11:50 | Peripheral nervous system | Dr. Özgür Kasımay Çakır |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | PBL-2 |  |
| 16:00-16:50 | PBL-2 |  |
| 17:00-17:50 |  |  |
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| **Week-4 (03 May - 07 May 2021)** | | |
| **Monday** | **03 May** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **04 May** |  |
| 09:00-09:50 | PBL STUDY TIME |  |
| 10:00-10:50 | ICP-1-First Aid: Aims of First Aid and Primary Survey of the Area | Dr. Mehmet Akman |
| 11:00-11:50 | ICP-1-First Aid: Aims of First Aid and Primary Survey of the Area | Dr. Mehmet Akman |
|  |  |  |
| 13:00-13:50 | ICP-1-First Aid: Head and Neck injuries and Seizures | Dr. Pınar Kahraman Koytak |
| 14:00-14:50 | ICP-1-First Aid: Head and Neck injuries and Seizures | Dr. Pınar Kahraman Koytak |
| 15:00-15:50 | PBL-3 |  |
| 16:00-16:50 | PBL-3 |  |
| 17:00-17:50 |  |  |
|  |  |  |
| **Wednesday** | **05 May** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
|  |  |  |
| 13:00-13:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 14:00-14:50 | ICP-1-First Aid: Hot and Cold Emergencies, Bites, Shock and Choking | Dr. Hakkı Arıkan |
| 15:00-15:50 | ICP-1-First Aid: Hot and Cold Emergencies, Bites, Shock and Choking | Dr. Hakkı Arıkan |
| 16:00-16:50 | Adrenal and thymus gland | Dr. Necmettin Ömer Özdoğmuş |
| 17:00-17:50 |  |  |
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| **Thursday** | **06 May** |  |
| 09:00-09:50 | PBL STUDY TIME |  |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
|  |  |  |
| 13:00-13:50 | ICP-1-First Aid: Burns | Dr. Nihal Durmuş Kocaaslan |
| 14:00-14:50 | ICP-1-First Aid: Burns | Dr. Nihal Durmuş Kocaaslan |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **07 May** |  |
| 09:00-09:50 | Molecular genetics of nervous system | Dr. Ahmet İlter Güney |
| 10:00-10:50 | ICP-1-First Aid: Bleeding | Dr. Vafi Atalay |
| 11:00-11:50 | ICP-1-First Aid: Bleeding | Dr. Vafi Atalay |
|  |  |  |
| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | PBL-4 |  |
| 16:00-16:50 | PBL-4 |  |
| 17:00-17:50 |  |  |
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| **Week-5 (10 May - 14 May 2021)** | | |
| **Monday** | **10 May** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
|  |  |  |
| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **11 May** |  |
| 09:00-09:50 | PBL STUDY TIME |  |
| 10:00-10:50 | ICP-1-First Aid: Musculoskeletal Injuries | Dr. Osman Mert Topkar |
| 11:00-11:50 | ICP-1-First Aid: Musculoskeletal Injuries | Dr. Osman Mert Topkar |
|  |  |  |
| 13:00-13:50 | ICP-1-First Aid: Cardiopulmonary Resussitation | Dr. Arzu Altınok Denizbaşı |
| 14:00-14:50 | ICP-1-First Aid: Cardiopulmonary Resussitation | Dr. Arzu Altınok Denizbaşı |
| 15:00-15:50 | PBL-5 |  |
| 16:00-16:50 | PBL-5 |  |
| 17:00-17:50 |  |  |
|  |  |  |
| **Wednesday** | **12 May** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
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| 13:00-13:50 | **RAMAZAN BAYRAMI ARİFESİ** |  |
| 14:00-14:50 |  |
| 15:00-15:50 |  |
| 16:00-16:50 |  |
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| **Thursday** | **13 May** |  |
| 09:00-09:50 | **RAMAZAN BAYRAMI**  **1. GÜN** |  |
| 10:00-10:50 |  |
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| **Friday** | **14 May** |  |
| 09:00-09:50 | **RAMAZAN BAYRAMI**  **2. GÜN** |  |
| 10:00-10:50 |  |
| 11:00-11:50 |  |
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| 13:00-13:50 |  |
| 14:00-14:50 |  |
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| 17:00-17:50 |  |
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| **Week-6 (17 May - 21 May 2021)** | | |
| **Monday** | **17 May** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **18 May** |  |
| 09:00-09:50 | ICP-1 First Aid: EXAM |  |
| 10:00-10:50 | PBL STUDY TIME |  |
| 11:00-11:50 | Brain stem | Dr. Necmettin Ömer Özdoğmuş |
|  |  |  |
| 13:00-13:50 | Autonomic nervous system physiology | Dr. Berrak Yegen |
| 14:00-14:50 | Autonomic nervous system physiology | Dr. Berrak Yegen |
| 15:00-15:50 | PLB-6 |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Wednesday** | **19 May** |  |
| 09:00-09:50 | **19 MAYIS ATATÜRK'Ü ANMA, GENÇLİK VE SPOR BAYRAMI** |  |
| 10:00-10:50 |  |
| 11:00-11:50 |  |
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| 13:00-13:50 |  |
| 14:00-14:50 |  |
| 15:00-15:50 |  |
| 16:00-16:50 |  |
| 17:00-17:50 |  |
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| **Thursday** | **20 May** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
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| 13:00-13:50 | Brain stem and reticular formation | Dr. Berrak Yegen |
| 14:00-14:50 | Brain stem and reticular formation | Dr. Berrak Yegen |
| 15:00-15:50 | Patient rights | Dr. Şefik Görkey |
| 16:00-16:50 | Privacy and confidentiality | Dr. Şefik Görkey |
| 17:00-17:50 |  |  |
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| **Friday** | **21 May** |  |
| 09:00-09:50 | Limbic system | Dr. Alper Yıldırım |
| 10:00-10:50 | Learning memory and speech | Dr. Özgür Kasımay Çakır |
| 11:00-11:50 | Learning memory and speech | Dr. Özgür Kasımay Çakır |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Learning theory and its application in psychology | Dr. Axel Würz |
| 16:00-16:50 | Learning theory and its application in psychology | Dr. Axel Würz |
| 17:00-17:50 |  |  |
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| **Week-7 (24 May - 28 May 2021)** | | |
| **Monday** | **24 May** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **25 May** |  |
| 09:00-09:50 | Conduction properties of action potential | Dr. Günseli Ayşe Garip İnhan |
| 10:00-10:50 | Ethical issues at the beginning of life | Dr. Şefik Görkey |
| 11:00-11:50 | Ethical issues at the end of life | Dr. Şefik Görkey |
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| 13:00-13:50 | Hormonal regulation of gonadal functions | Dr. Alper Yıldırım |
| 14:00-14:50 | Hormonal regulation of gonadal functions | Dr. Alper Yıldırım |
| 15:00-15:50 | Biochemical aspect of nervous tissue | Dr. Ahmet Suha Yalçın |
| 16:00-16:50 | Biochemical aspect of nervous tissue | Dr. Ahmet Suha Yalçın |
| 17:00-17:50 |  |  |
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| **Wednesday** | **26 May** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
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| 13:00-13:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 14:00-14:50 | Synaptic transmission in learning and memory | Dr. Hülya Cabadak |
| 15:00-15:50 | Synaptic transmission in learning and memory | Dr. Hülya Cabadak |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Thursday** | **27 May** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
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| 13:00-13:50 | Signal transduction and sensory stimuli | Dr. Önder Şirikçi |
| 14:00-14:50 | Signal transduction and sensory stimuli | Dr. Önder Şirikçi |
| 15:00-15:50 | Emotions in cognitive and cultural context | Dr. Mesut Yıldız |
| 16:00-16:50 | Emotions in cognitive and cultural context | Dr. Mesut Yıldız |
| 17:00-17:50 |  |  |
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| **Friday** | **28 May** |  |
| 09:00-09:50 | **MASCO** |  |
| 10:00-10:50 |  |
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| 16:00-16:50 |  |
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| **Week-8 (31 May – 04 June 2021)** | | |
| **Monday** | **31 May** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **01 June** |  |
| 09:00-09:50 | Drives and motivation: The case of sexuality | Dr. Axel Würz |
| 10:00-10:50 | Hormone structure and action | Dr. Ahmet Suha Yalçın |
| 11:00-11:50 | Hormone structure and action | Dr. Ahmet Suha Yalçın |
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| 13:00-13:50 | Memory systems | Dr. Yıldız Akvardar |
| 14:00-14:50 | Memory systems | Dr. Yıldız Akvardar |
| 15:00-15:50 | Human intelligence: Human I.Q /E.Q | Dr. Hakan Yöney |
| 16:00-16:50 | Human systems and relations: The case of organisations | Dr. Hakan Yöney |
| 17:00-17:50 |  |  |
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| **Wednesday** | **02 June** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
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| 13:00-13:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 14:00-14:50 | Histology of endocrine organs | Dr. Dilek Akakın |
| 15:00-15:50 | Thinking and language | Dr. Axel Würz |
| 16:00-16:50 | Thinking and language | Dr. Axel Würz |
| 17:00-17:50 |  |  |
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| **Thursday** | **03 June** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
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| 13:00-13:50 | Temperament / Personality | Dr. Yıldız Akvardar |
| 14:00-14:50 | Temperament / Personality | Dr. Yıldız Akvardar |
| 15:00-15:50 | Perception | Dr. Axel Würz |
| 16:00-16:50 | Perception | Dr. Axel Würz |
| 17:00-17:50 |  |  |
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| **Friday** | **04 June** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Peptide hormones and catecholamines | Dr. Saime Batırel |
| 11:00-11:50 | Peptide hormones and catecholamines | Dr. Saime Batırel |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Steroid and thyroid hormones | Dr. Erdi Sözen |
| 16:00-16:50 | Steroid and thyroid hormones | Dr. Erdi Sözen |
| 17:00-17:50 |  |  |
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| **Week-8 (07 June – 11 June 2021)** | | |
| **Monday** | **07 June** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
| 15:00-15:50 |  |  |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Tuesday** | **08 June** |  |
| 09:00-09:50 | Hypothalamus and pituitary | Dr. Alper Yıldırım |
| 10:00-10:50 | Orbit and its content | Dr. Ümit Süleyman Şehirli |
| 11:00-11:50 | Orbit and its content | Dr. Ümit Süleyman Şehirli |
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| 13:00-13:50 | Histology of the eye | Dr. Dilek Akakın |
| 14:00-14:50 | Histology of the eye | Dr. Dilek Akakın |
| 15:00-15:50 | Anatomy of the ear | Dr. Necmettin Ömer Özdoğmuş |
| 16:00-16:50 | Anatomy of the ear | Dr. Necmettin Ömer Özdoğmuş |
| 17:00-17:50 |  |  |
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| **Wednesday** | **09 June** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
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| 13:00-13:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 14:00-14:50 | Histology of the ear | Dr. Şule Çetinel |
| 15:00-15:50 | Histology of the ear | Dr. Şule Çetinel |
| 16:00-16:50 | Anatomy LAB: Orbit and its contents | Anatomy Lab. |
| 17:00-17:50 |  |  |
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| **Thursday** | **10 June** |  |
| 09:00-09:50 | Anatomy LAB: The ear | Anatomy Lab. |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
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| 13:00-13:50 | Physiology of vision | Dr. Berrak Yegen |
| 14:00-14:50 | Physiology of vision | Dr. Berrak Yegen |
| 15:00-15:50 | Physiology of vision | Dr. Berrak Yegen |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Friday** | **11 June** |  |
| 09:00-09:50 | Optics of vision | Dr. Pınar Mega Tiber |
| 10:00-10:50 | Optics of vision | Dr. Pınar Mega Tiber |
| 11:00-11:50 | Initiation of impulses in sense organs | Dr. Yaşar İnci Alican |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Receptive fields and retinal processing | Dr. Cevdet Nacar |
| 16:00-16:50 | Receptive fields and retinal processing | Dr. Cevdet Nacar |
| 17:00-17:50 | Biophysics LAB: Electrooculogram | Computer Lab. |
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| **Week-8 (14 June – 18 June 2021)** | | |
| **Monday** | **14 June** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 |  |  |
| 11:00-11:50 |  |  |
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| 13:00-13:50 | Elective course |  |
| 14:00-14:50 | Elective course |  |
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| **Tuesday** | **15 June** |  |
| 09:00-09:50 | Sensory perception | Dr. Alper Yıldırım |
| 10:00-10:50 | Cutaneous senses | Dr. Yaşar İnci Alican |
| 11:00-11:50 | Chemical senses | Dr. Yaşar İnci Alican |
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| 13:00-13:50 | Biophysics of photoreception | Dr. Cevdet Nacar |
| 14:00-14:50 | Biophysics of photoreception | Dr. Cevdet Nacar |
| 15:00-15:50 | Development of the eye | Dr. Şule Çetinel |
| 16:00-16:50 | Development of the ear | Dr. Şule Çetinel |
| 17:00-17:50 |  |  |
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| **Wednesday** | **16 June** |  |
| 09:00-09:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 10:00-10:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 11:00-11:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
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| 13:00-13:50 | ICP-1 Student research activity & computer skills | Dr. Sinem Yıldız İnanıcı |
| 14:00-14:50 | General orientation to higher functions of the nervous system | Dr. Axel Würz |
| 15:00-15:50 | General orientation to higher functions of the nervous system | Dr. Axel Würz |
| 16:00-16:50 |  |  |
| 17:00-17:50 |  |  |
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| **Thursday** | **17 June** |  |
| 09:00-09:50 |  |  |
| 10:00-10:50 | Medical English | Dr. Özge Emre |
| 11:00-11:50 | Medical English | Dr. Özge Emre |
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| 13:00-13:50 | Physiology of hearing | Dr. Hızır Kurtel |
| 14:00-14:50 | Physiology of hearing | Dr. Hızır Kurtel |
| 15:00-15:50 | Vestibular system | Dr. Alper Yıldırım |
| 16:00-16:50 | Vestibular system | Dr. Alper Yıldırım |
| 17:00-17:50 |  |  |
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| **Friday** | **18 June** |  |
| 09:00-09:50 | Biophysics of auditory system | Dr. Günseli Ayşe Garip İnhan |
| 10:00-10:50 | Biophysics of auditory system | Dr. Günseli Ayşe Garip İnhan |
| 11:00-11:50 | Biophysics LAB: Biofeedback and Reaction Time | Computer Lab. |
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| 13:00-13:50 |  |  |
| 14:00-14:50 |  |  |
| 15:00-15:50 | Introduction to family medicine | Dr. Gülru Pemra Cöbek Ünalan |
| 16:00-16:50 | Physiology LAB: Tests for vision and hearing physiology | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
| 17:00-17:50 | Physiology LAB: Tests for vision and hearing physiology | Dr. Özgür Kasımay Çakır, Dr. Alper Yıldırım |
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| **Week-8 (21 June – 25 June 2021)** | | |
| **Monday** | **21 June** |  |
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| **Tuesday** | **22 June** |  |
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| **Wednesday** | **23 June** |  |
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| **Thursday** | **24 June** |  |
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| 09:00-09:50 | Y1C4 Theoretical Exam |  |
| 10:00-10:50 |  |
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| **Friday** | **25 June** |  |
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