

MODULE I

Nervous system

CODE	COURSE NAME	T	L	A	Total
MDCN 222	Histology and Embryology	18	5	-	23
MDCN 230	Anatomy	56	17	-	73
MDCN 214	Medical Biochemistry	6	-	-	6
MDCN 224	Physiology	36	6	-	42
MDCN 218	Biophysics	7	2	-	9
MDCN 249	Early Observation of Clinics	12	-	-	12
MDCN 255	Integrated Case Study	-	-	10	10
MDCN 207	Study Module	4	-	3	7
TURK 211	Turkish Language Education – III	22	-	-	22
TARH 110 / HIST 110	Ataturk Principles and History of Turkish Reforms / History of Civilization	8	-	-	8
Total Hours		169	30	13	212

<u>EXAMS</u>	<u>DATE</u>
Laboratory Exam	24.10.2022
Theoretical Exam	24.10.2022

Lecturers

Anatomy	Sevda Lafcı Fahrioğlu
Physiology	Ali Alkaleel
Histology and Embryology	Martha Orendu Oche Attah
Medical Biochemistry	Kerem Teralı
Biophysics	Nahit Rızaner
Early Observations of Clinics	Lübna Al-Gailani
Integrated Case Study	Baris Yeniad - Sevda Diker

****Mandatory attendance: The student has to attend at least 70% of the theoretical lessons and 80% of the laboratory and active learning hours.**

MDCN 201 Program	TIME	TOPIC	Department	Detail
Monday, 5 September 2022	08:30-09:20	FREE TIME	Phase II Coordinaton Office	
	09:30-10:20	Introduction to syllabus		
	10:30-11:20	Bones of the neurocranium		
	11:30-12:20	Bones of the neurocranium		
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Bones of the neurocranium		

	14:30-15:20	Bones of the neurocranium	Anatomy	Theoretical
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Tuesday, 6 September, 2022	08:30-09:20	Bones of the neurocranium	Anatomy	GROUP I
	09:30-10:20	Bones of the neurocranium	Anatomy	GROUP I
	10:30-11:20	Bones of the viscerocranium	Anatomy	Theoretical
	11:30-12:20	Bones of the viscerocranium	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Bones of the viscerocranium	Anatomy	Theoretical
	14:30-15:20	Bones of the viscerocranium	Anatomy	Theoretical
	15:30-16:20	Bones of the neurocranium	Anatomy	GROUP II
	16:30-17:20	Bones of the neurocranium	Anatomy	GROUP II
Wednesday, 7 September, 2022	08:30-09:20	Development and congenital anomalies of nervous system	Histology and Embryology	Theoretical
	09:30-10:20	Development and congenital anomalies of nervous system	Histology and Embryology	Theoretical
	10:30-11:20	The whole of the skull	Anatomy	Theoretical
	11:30-12:20	The whole of the skull	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Bones of the visserocranium	Anatomy	GROUP I
	14:30-15:20	Bones of the visserocranium	Anatomy	GROUP I
	15:30-16:20	Bones of the visserocranium	Anatomy	GROUP II
	16:30-17:20	Bones of the visserocranium	Anatomy	GROUP II
Thursday, 8 September, 2022	08:30-09:20	The whole of the skull	Anatomy	Theoretical
	09:30-10:20	The whole of the skull	Anatomy	Theoretical
	10:30-11:20	Bulbus	Anatomy	Theoretical
	11:30-12:20	Bulbus	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	The whole of the skull	Anatomy	GROUP II
	14:30-15:20	The whole of the skull	Anatomy	GROUP II
	15:30-16:20	The whole of the skull	Anatomy	GROUP I
	16:30-17:20	The whole of the skull	Anatomy	GROUP I
Friday, 9 September, 2022	08:30-09:20	Histology of the central nervous system	Histology and Embryology	Theoretical
	09:30-10:20	Histology of the central nervous system	Histology and Embryology	Theoretical
	10:30-11:20	Pons	Anatomy	Theoretical
	11:30-12:20	Pons	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Midbrain	Anatomy	Theoretical
	14:30-15:20	Midbrain	Anatomy	Theoretical
	15:30-16:20	STUDY MODULE		
	16:30-17:20	STUDY MODULE		
Monday, 12 September, 2022	08:30-09:20	Brain-stem	Anatomy-LAB	GROUP I
	09:30-10:20	Brain-stem	Anatomy-LAB	GROUP I
	10:30-11:20	Brain-stem	Anatomy-LAB	GROUP II
	11:30-12:20	Brain-stem	Anatomy-LAB	GROUP II
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Cranial Nerves	Anatomy	Theoretical
	14:30-15:20	Cranial Nerves	Anatomy	Theoretical
	15:30-16:20	Cranial Nerves	Anatomy	Theoretical
	16:30-17:20	FREE TIME		
Tuesday, 13 September, 2022	08:30-09:20	Introduction to the central nervous system	Physiology	Theoretical
	09:30-10:20	Brainstem	Physiology	Theoretical
	10:30-11:20	Cranial Nerves	Anatomy	Theoretical
	11:30-12:20	Cranial Nerves	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	EARLY OBSERVATION OF CLINICS	EOC	
	14:30-15:20	EARLY OBSERVATION OF CLINICS	EOC	
	15:30-16:20	EARLY OBSERVATION OF CLINICS	EOC	
	16:30-17:20	EARLY OBSERVATION OF CLINICS	EOC	
Wednesday, 14 September, 2022	08:30-09:20	Physiology of Cranial Nerves	Physiology	Theoretical
	09:30-10:20	Physiology of Cranial Nerves	Physiology	Theoretical
	10:30-11:20	Cerebellum	Anatomy	Theoretical
	11:30-12:20	Thalamus	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Cranial Nerves	Anatomy-LAB	GROUP I
	14:30-15:20	Cranial Nerves	Anatomy-LAB	GROUP I
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Thursday, 15 September, 2022	08:30-09:20	Function of Thalamus	Physiology	Theoretical
	09:30-10:20	Function of Cerebellum	Physiology	Theoretical
	10:30-11:20	Basal ganglia	Anatomy	Theoretical
	11:30-12:20	Reticular Formation	Anatomy	Theoretical
	12:30-13:20	Rhinencephalon and Limbic System	Anatomy	Theoretical
	13:30-14:20	LUNCH TIME		
	14:30-15:20	Cranial Nerves	Anatomy-LAB	GROUP II
	15:30-16:20	Cranial Nerves	Anatomy-LAB	GROUP II

	16:30-17:20	FREE TIME		
Friday, 16 September, 2022	08:30-09:20	FREE TIME	FREE TIME	FREE TIME
	09:30-10:20	Hypothalamus	Anatomy	Theoretical
	10:30-11:20	Hypophysis	Anatomy	Theoretical
	11:30-12:20	Function of Basal Ganglia	Physiology	Theoretical
	12:30-13:20	Function of Basal Ganglia	Physiology	Theoretical
	13:30-14:20	LUNCH TIME		
	14:30-15:20	Limbic System and Hypothalamus	Physiology	Theoretical
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Monday, 19 September, 2022	08:30-09:20	Dissection of the Brain	Anatomy-LAB	GROUP I
	09:30-10:20	Dissection of the Brain	Anatomy-LAB	GROUP I
	10:30-11:20	Cerebral Hemispheres: General Morphology	Anatomy	Theoretical
	11:30-12:20	Cerebral Hemispheres: White matter	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Function of Reticular Formation	Physiology	Theoretical
	14:30-15:20	Dissection of the Brain	Anatomy-LAB	GROUP II
	15:30-16:20	Dissection of the Brain	Anatomy-LAB	GROUP II
	16:30-17:20	FREE TIME		
Tuesday, 20 September, 2022	08:30-09:20	Sensory cortex	Physiology	Theoretical
	09:30-10:20	Learning and Memory	Physiology	Theoretical
	10:30-11:20	Cerebral Hemispheres: Motor Areas	Anatomy	Theoretical
	11:30-12:20	Cerebral Hemispheres: Sensory Areas	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Motor cortex	Physiology	Theoretical
	14:30-15:20	Motor cortex	Physiology	Theoretical
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Wednesday, 21 September, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Meeting with the Dean		
	10:30-11:20	Generation of Brain Potentials	Biophysics	Theoretical
	11:30-12:20	Generation of Brain Potentials	Biophysics	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	STUDY MODULE	SM	SM
	14:30-15:20	STUDY MODULE	SM	SM
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Thursday, 22 September, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Physiology of Sleep	Physiology	Theoretical
	10:30-11:20	Spinal Cord Morphology	Anatomy	Theoretical
	11:30-12:20	LUNCH TIME		
	12:30-13:20	Spontaneous and Evoked Electrical Potentials of Brain	Biophysics	Theoretical
	13:30-14:20	Spontaneous and Evoked Electrical Potentials of Brain	Biophysics	Theoretical
	14:30-15:20	STUDY MODULE		
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Friday, 23 September, 2022	08:30-09:20	Facial paralysis	Case Study	CS
	09:30-10:20	Facial paralysis	Case Study	CS
	10:30-11:20	Electroencephalography (EEG)	Physiology	Theoretical
	11:30-12:20	Electroencephalography (EEG)	Physiology	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Spinal Cord: Ascending Pathways	Anatomy	Theoretical
	14:30-15:20	Spinal Cord: Ascending Pathways	Anatomy	Theoretical
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Monday, 26 September, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Neural Coding, Information Transfer and Communications	Biophysics	Theoretical
	10:30-11:20	Neural Coding, Information Transfer and Communications	Biophysics	Theoretical
	11:30-12:20	Biological Information Analysis	Biophysics	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Lab: Brain Potentials Recording	Biophysics-LAB	GROUP I
	14:30-15:20	Lab: Brain Potentials Recording	Biophysics-LAB	GROUP I
	15:30-16:20	Lab: Brain Potentials Recording	Biophysics-LAB	GROUP II
	16:30-17:20	Lab: Brain Potentials Recording	Biophysics-LAB	GROUP II
Tuesday, 27 September, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Spinal Cord: Descending Pathways	Anatomy	Theoretical
	10:30-11:20	Spinal Cord: Descending Pathways	Anatomy	Theoretical
	11:30-12:20	LUNCH TIME		
	12:30-13:20	Spinal Cord	Anatomy-LAB	GROUP II
	13:30-14:20	Spinal Cord	Anatomy-LAB	GROUP II
	14:30-15:20	Spinal Cord	Anatomy-LAB	GROUP I
	15:30-16:20	Spinal Cord	Anatomy-LAB	GROUP I
	16:30-17:20	FREE TIME		
Wednesday, 28 September, 2022	08:30-09:20	FREE TIME		

	09:30-10:20	Nervous system and sensory organs	Histology and Embryology	Theoretical
	10:30-11:20	Nervous system and sensory organs	Histology and Embryology	Theoretical
	11:30-12:20	LUNCH TIME		
	12:30-13:20	Physiology of Pain	Physiology	Theoretical
	13:30-14:20	Physiology of Pain	Physiology	Theoretical
	14:30-15:20	The Sympathetic System	Anatomy	Theoretical
	15:30-16:20	The Parasympathetic System	Anatomy	Theoretical
	16:30-17:20	FREE TIME		
Thursday, 29 September, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	FREE TIME		
	10:30-11:20	Autonomic Nervous System	Physiology	Theoretical
	11:30-12:20	Autonomic Nervous System	Physiology	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Vessels of the Central Nervous System	Anatomy	Theoretical
	14:30-15:20	Vessels of the Central Nervous System	Anatomy	Theoretical
	15:30-16:20	Meninges and Venous Sinuses of the Brain	Anatomy	Theoretical
	16:30-17:20	Brain Ventricles and Cerebrospinal Fluid	Anatomy	Theoretical
Friday, 30 September, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Taste and Smell	Physiology	Theoretical
	10:30-11:20	Somatic Sensations	Physiology	Theoretical
	11:30-12:20	Brain Circulation	Physiology	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Cerebrospinal Fluid	Physiology	Theoretical
	14:30-15:20	Cerebrospinal Fluid	Physiology	Theoretical
	15:30-16:20	STUDY MODULE		
	16:30-17:20	FREE TIME		
Monday, 3 October, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Development and histology of the eye	Histology and Embryology	Theoretical
	10:30-11:20	Development and histology of the eye	Histology and Embryology	Theoretical
	11:30-12:20	Development and histology of the eye	Histology and Embryology	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	The Orbit and Its Contents	Anatomy	Theoretical
	14:30-15:20	The Eyeball	Anatomy	Theoretical
	15:30-16:20	The Eyeball	Anatomy	Theoretical
	16:30-17:20	FREE TIME		
Tuesday, 4 October, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	The Visual Pathway	Anatomy	Theoretical
	10:30-11:20	Brain Ventricles, Meninges, Vessels and Venous Sinuses Of The Brain	Anatomy	GROUP I
	11:30-12:20	Brain Ventricles, Meninges, Vessels and Venous Sinuses Of The Brain	Anatomy	GROUP II
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Sense of vision	Physiology	Theoretical
	14:30-15:20	Sense of vision	Physiology	Theoretical
	15:30-16:20	STUDY MODULE		
	16:30-17:20	FREE TIME		
Wednesday, 5 October, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Nervous system and sensory organs	Histology and Embryology-LAB	GROUP-II
	10:30-11:20	Nervous system and sensory organs	Histology and Embryology-LAB	GROUP-II
	11:30-12:20	Nervous system and sensory organs	Histology and Embryology-LAB	GROUP-II
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Nervous system and sensory organs	Histology and Embryology-LAB	GROUP-I
	14:30-15:20	Nervous system and sensory organs	Histology and Embryology-LAB	GROUP-I
	15:30-16:20	Nervous system and sensory organs	Histology and Embryology-LAB	GROUP-I
	16:30-17:20	FREE TIME		
Thursday, 6 October, 2022	08:30-09:20	CASE STUDY: Facial palsy	CASE	CS
	09:30-10:20	CASE STUDY: Facial palsy	CASE	CS
	10:30-11:20	CASE STUDY: Brown Sequard syndrome	CASE	CS
	11:30-12:20	CASE STUDY: Brown Sequard syndrome	CASE	CS
	12:30-13:20	LUNCH TIME		
	13:30-14:20	TURKISH	Turkish	Theoretical
	14:30-15:20	TURKISH	Turkish	Theoretical
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Friday, 7 October, 2022	08:30-09:20	RELIGIOUS HOLIDAY		
	09:30-10:20			
	10:30-11:20			
	11:30-12:20			
	12:30-13:20			
	13:30-14:20			
	14:30-15:20			
	15:30-16:20			
	16:30-17:20			
Monday, 10 October, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Development and histology of the ear	Histology and Embryology	Theoretical
	10:30-11:20	Development and histology of the ear	Histology and Embryology	Theoretical

	11:30-12:20	Development and histology of the ear	Histology and Embryology	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Development and histology of hypophysis and pineal gland	Histology and Embryology	Theoretical
	14:30-15:20	Development and histology of hypophysis and pineal gland	Histology and Embryology	Theoretical
	15:30-16:20	Adenohypophysis and Neurohypophysis Hormones	Physiology	Theoretical
	16:30-17:20	Adenohypophysis and Neurohypophysis Hormones	Physiology	Theoretical
Tuesday, 11 October, 2022	08:30-09:20	Hormones of Hypothalamus, Pituitary and Pineal Glands	Medical Biochemistry	Theoretical
	09:30-10:20	Hormones of Hypothalamus, Pituitary and Pineal Glands	Medical Biochemistry	Theoretical
	10:30-11:20	Adenohypophysis and Neurohypophysis Hormones	Physiology	Theoretical
	11:30-12:20	Functional Relationship between Hypophysis and Hypothalamus	Physiology	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Lab:The Orbit and Its Contents And The Eyeball	Anatomy-LAB	GROUP I
	14:30-15:20	Lab:The Orbit and Its Contents And The Eyeball	Anatomy-LAB	GROUP I
	15:30-16:20	Lab:The Orbit and Its Contents And The Eyeball	Anatomy-LAB	GROUP II
	16:30-17:20	Lab:The Orbit and Its Contents And The Eyeball	Anatomy-LAB	GROUP II
Wednesday, 12 October, 2022	08:30-09:20	The Ear	Anatomy	Theoretical
	09:30-10:20	The Ear	Anatomy	Theoretical
	10:30-11:20	The Ear	Anatomy	Theoretical
	11:30-12:20	Auditory pathway	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	General properties of hormones	Medical Biochemistry	Theoretical
	14:30-15:20	Thyroid and Parathyroid Development and Histology	Histology and Embryology	Theoretical
	15:30-16:20	Thyroid and Parathyroid Development and Histology	Histology and Embryology	Theoretical
	16:30-17:20	FREE TIME		
Thursday, 13 October, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	Physiology of Hearing	Physiology	Theoretical
	10:30-11:20	Physiology of Hearing	Physiology	Theoretical
	11:30-12:20	Vestibular System	Anatomy	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	TURKISH	Turkish	Theoretical
	14:30-15:20	TURKISH	Turkish	Theoretical
	15:30-16:20	CASE STUDY: Orbital floor fractures	CASE	CS
	16:30-17:20	CASE STUDY: Orbital floor fractures	CASE	CS
Friday, 14 October, 2022	08:30-09:20	EYE-FUNDUS EXAMINATION / SKILL TRAINING	EOC	
	09:30-10:20	EYE-FUNDUS EXAMINATION / SKILL TRAINING	EOC	
	10:30-11:20	EYE-FUNDUS EXAMINATION / SKILL TRAINING	EOC	
	11:30-12:20	EYE-FUNDUS EXAMINATION / SKILL TRAINING	EOC	
	12:30-13:20	LUNCH TIME		
	13:30-14:20	TURKISH	Turkish	Theoretical
	14:30-15:20	TURKISH	Turkish	Theoretical
	15:30-16:20	TURKISH	Turkish	Theoretical
	16:30-17:20	FREE TIME		
Monday, 17 October, 2022	08:30-09:20	CASE STUDY	CASE	CS
	09:30-10:20	CASE STUDY	CASE	CS
	10:30-11:20	Adrenal, Langerhans Islets and DNES Histology	Histology and Embryology	Theoretical
	11:30-12:20	Adrenal, Langerhans Islets and DNES Histology	Histology and Embryology	Theoretical
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Mechanisms of hormone action	Medical Biochemistry	Theoretical
	14:30-15:20	Mechanisms of hormone action	Medical Biochemistry	Theoretical
	15:30-16:20	FREE TIME		
	16:30-17:20	ENGL145	ONLINE	Theoretical
Tuesday, 18 October, 2022	08:30-09:20	Sensory Physiology	Physiology	GROUP I
	09:30-10:20	Sensory Physiology	Physiology	GROUP I
	10:30-11:20	Sensory Physiology	Physiology	GROUP I
	11:30-12:20	Sensory Physiology	Physiology	GROUP I
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Sensory Physiology	Physiology	GROUP II
	14:30-15:20	Sensory Physiology	Physiology	GROUP II
	15:30-16:20	Sensory Physiology	Physiology	GROUP II
	16:30-17:20	Sensory Physiology	Physiology	GROUP II
Wednesday, 19 October, 2022	08:30-09:20	Endocrine system	Histology and Embryology	GROUP I
	09:30-10:20	Endocrine system	Histology and Embryology	GROUP I
	10:30-11:20	Endocrine system	Histology and Embryology	GROUP II
	11:30-12:20	Endocrine system	Histology and Embryology	GROUP II
	12:30-13:20	LUNCH TIME		
	13:30-14:20	Vestibular System and Balance	Physiology	Theoretical
	14:30-15:20	Vestibular System and Balance	Physiology	Theoretical
	15:30-16:20	Hormones of Hypothalamus, Pituitary and Pineal Glands	Medical Biochemistry	Theoretical
	16:30-17:20			
Thursday, 20 October, 2022	08:30-09:20	EARLY OBSERVATION OF CLINICS	EOC	Theoretical
	09:30-10:20	EARLY OBSERVATION OF CLINICS	EOC	Theoretical
	10:30-11:20	EARLY OBSERVATION OF CLINICS	EOC	Theoretical
	11:30-12:20	EARLY OBSERVATION OF CLINICS	EOC	Theoretical
	12:30-13:20	LUNCH TIME		

	13:30-14:20	TURKISH	Turkish	Theoretical
	14:30-15:20	TURKISH	Turkish	Theoretical
	15:30-16:20	FREE TIME		
	16:30-17:20	FREE TIME		
Friday, 21 October, 2022	08:30-09:20	FREE TIME		
	09:30-10:20	FREE TIME		
	10:30-11:20	FREE TIME		
	11:30-12:20	FREE TIME		
	12:30-13:20	FREE TIME		
	13:30-14:20	TURKISH	Turkish	Theoretical
	14:30-15:20	TURKISH	Turkish	Theoretical
	15:30-16:20	TURKISH	Turkish	Theoretical
	16:30-17:20	FREE TIME		
Monday, 24 October, 2022	08:30-09:20	COURSE EXAM: Practical and Theoretical	Phase II Coordinator	Phase II Coordinator
	09:30-10:20			
	10:30-11:20			
	11:30-12:20			
	12:30-13:20			
	13:30-14:20			
	14:30-15:20			
	15:30-16:20			
	16:30-17:20			
Tuesday, 25 October, 2022	08:30-09:20	First day of the 2nd Committe		
	09:30-10:20			
	10:30-11:20			
	11:30-12:20			
	12:30-13:20			
	13:30-14:20			
	14:30-15:20			
	15:30-16:20			
	16:30-17:20			