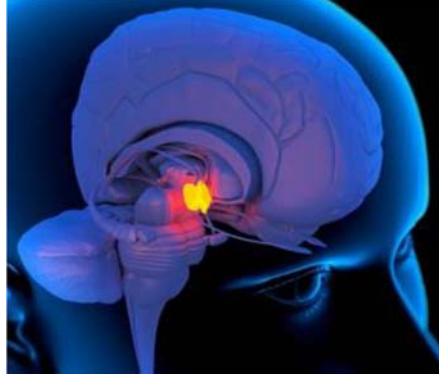




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN
UNIVERSITY INTERNATIONAL MEDICAL SCHOOL**



**GROWTH, DEVELOPMENT, MENTAL HEALTH AND RELATED DISORDERS
YEAR 3 COURSE 4
March 15 – April 29, 2021**

Year 3 Coordinators Prof., Arzu Akşit İLKi & Assoc. Prof., Pınar Mega TİBER & Assoc. Prof., Amber EKER	
PBL Module Coordinator Prof., Özlem SARIKAYA Assist. Prof., Bülent SEZGİN	Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR Assist. Prof., Mümtaz GÜRAN
Coordinator of Clinical Skill Lab. Prof., Pemra ÜNALAN Assoc. Prof., Nilüfer GÜZOĞLU	Coordinator of ICS Res. Lab. Prof., Pemra ÜNALAN Assist. Prof., İlke AKÇAY
Vice-Chief Coordinators	
Assessment Asist. Prof., Cevdet NACAR Assist. Prof., Halil Eren SAKALLI	Student Affairs Assist. Prof., Can ERZİK Inst. Yöner MERAY
Chief Coordinator Assoc. Prof., Hasan YANANLI Assist. Prof., Mümtaz GÜRAN	Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN
Educational Consultant Prof., Mehmet Ali GÜLPINAR	
Dean (EMU) Prof., Nahide GÖKÇORA	Dean (MU) Prof., Hakan Gündüz

LEARNING OUTCOMES / COMPETENCIES

- A. **Clinical Care: Qualified patient care and community oriented health care**
 1. Basic clinical skills
 2. The organization and management of the patient and the patient care
 3. The organization and the management of health care delivery services / system
 4. Health promotion and disease prevention
- B. **Medical Knowledge and Evidence-Based Medicine**
 5. Appropriate information retrieval and management skills
 6. The integration of knowledge, critical thinking and evidence-based decision making
 7. Scientific methods and basic research skills
- C. **Professional Attitudes and Values**
 8. Communication skills and effective communication with patients / patient relatives
 9. Interpersonal relationships and team working
 10. Ethical and professional values, responsibilities
 11. Individual, social and cultural values and responsibilities
 12. Reflective practice and continuing development
 13. Healthcare delivery systems, management and community oriented health care
 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

1. Understanding the normal structures and functions of human body
2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
4. Gaining basic clinical skills by applications in simulated settings.
5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course 4: Growth, Development, Mental Health and Related Disorders

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

GROWTH, DEVELOPMENT, MENTAL HEALTH AND RELATED DISORDERS	
AIM and LEARNING OBJECTIVES of COURSE	
<p>Aim: At the end of this committee, third year students will gain knowledge about the structure, functions and the pathogenesis of the disorders related to endocrine system. During this committee students will gain a comprehensive view on the health problems of the certain periods of human life cycle such as childhood, adolescents and elderly with a specific emphasis on the growth, development and mental health. They will also gain knowledge about the signs and symptoms of endocrine disorders, psychiatric disorders, related risk factors, prevention, diagnosis and principles of treatment.</p>	
<p>Learning Objectives: At the end of this course, third year students will,</p>	
<p>review the development, histology and structure of the endocrine system,</p> <ul style="list-style-type: none"> • understand the principles of endocrine homeostasis and hormone action, define the pathologic processes in endocrine and mental disorders, • get knowledge about growth, development and monitoring in childhood, • gain knowledge about the risk factors and preventive measures related to endocrine and mental disorders, • gain knowledge about the major signs and symptoms of endocrine and mental disorders, explain the main determinants of health, • explain the importance and the effects of social, environmental and life style factors on mental and physical health, • gain knowledge about the approach to diagnosis and principles of treatment in endocrine and mental disorders. 	
ASSESSMENT SYSTEM	PROGRAM EVALUATION
<p>Module examination: Written exam at the end of module (10 % of final score)</p> <p>Practical examination: Practical exams at the end of course</p> <p>Course examination: Written exam at the end of course</p>	<p>Evaluation at the end of the course, is done both orally and by using structured evaluation forms</p>
DEPARTMENTS PARTICIPATING IN COURSE-3.4	
<ul style="list-style-type: none"> • Anatomy • Biochemistry • Child and Adolescent Psychiatry • Family Medicine • Histology and Embryology • Internal Medicine • Medical Genetics • Nuclear Medicine 	<ul style="list-style-type: none"> • Pathology • Pediatrics • Pharmacology • Physiology • Psychiatry • Public Health • Radiology
LECTURERS / TUTORS	
<p>Abdullah Bereket, Prof., Child Health & Diseases</p> <p>Alper Yıldırım, Assoc. Prof., Physiology</p> <p>Ahmet Arman, Prof., Medical Genetics</p> <p>Ahmet Topuzoğlu, Prof., Public Health</p> <p>Aliye Tuğba Bahadır, Assist. Prof., Child and Adolescent Psychiatry</p>	<p>Masoud Afshani, Assist. Prof, Histology and Embryology</p> <p>Medine Gülçebi İdrizoğlu, Assoc. Prof., Pharmacology</p> <p>Mehmet Akman, Prof., Family Medicine</p> <p>Mehmet Ali Söylemez, Inst., Medical Genetics</p> <p>Mesut Yıldız, Assoc. Prof, Psychiatry</p> <p>Mustafa Kemal Sayar, Prof., Psychiatry</p> <p>Nadiye Pınar Ay, Prof., Public Health</p>

<p>Amber Eker Bakkalođlu, Assoc. Prof., Neurology Arzu Uzuner, Assoc. Prof., Family Medicine Atila Karaalp, Prof., Pharmacology Axel Würz, Instructor, Psychiatry Ayşe Nilüfer Özaydın, Assoc. Prof., Public Health Ayşe Rodopman Arman, Prof., Child and Adolescent Psychiatry Berfu Çerçi Öngün, Instructor, Anatomy Berrak Yegen, Prof., Physiology Betül Karademir, Prof., Biochemistry Bilgen Bilge Geçkinli, Assoc. Prof., Medical Genetics Bülent Sezgin, Assist. Prof., Internal Medicine Cemal Gürkan, Instructor, Forensic Sciences Çiğdem Apaydın, Assoc. Prof., Family Medicine Deren Çeker, Inst., Medical Anthropology Dilek Akakın, Assoc. Prof., Histology and Embryology Dilek Gogas Yavuz, Prof., Internal Medicine Dilşad Save, Prof., Public Health Emine Özerinç, Instructor, Turkish Language Ergül Mutlu Altundağ, Assist. Prof., Biochemistry Filiz Onat, Prof., Pharmacology Goncagül Haklar, Professor of Biochemistry Gülşen Teker, Inst.i Public Health Halil Eren Sakallı, Assist. Prof, Pharmacology Hızır Kurtel, Prof., Physiology Hülya Gözü, Prof., Internal Medicine İlke Akçay, Assist. Prof, Biostatistics İlter Güney, Assoc. Prof, Medical Genetics</p>	<p>Nahide Gökçora, Prof., Nuclear Medicine Necmettin Ömer Özdoğmuş, Assoc. Prof., Anatomy Neşe Perdahlı Fiş, Prof., Child and Adolescent Psychiatry Nevin Yılmaz, Prof., Internal Medicine/ Gastroenterology Nilüfer Güzođlu, Assoc. Prof., Neonatology Nimet Emel Lüleci, Prof., Public Health Nursel Elçiođlu, Prof., Pediatrics Nurtane Karagil, Instructor, Arts and Crafts Onur Buğdaycı, Assist. Prof., Radiology Osman Talat Sabuncuođlu, Prof., Child and Adolescent Psychiatry Ömer Yanartaş, Assist. Prof., Psychiatry Ömür Çınar Elçi, Prof., Public Health Önder Şirikçi, Prof., Biochemistry Özlem Tuğçe Kaya, Instructor, Histology and Embryology Özlem Üstay, Assoc. Prof, Internal Medicine Pelin Bağcı, Prof., Pathology Pemra C. Ünalın, Prof., Family Medicine Rengin Asiye Ahiskallı, Prof., Pathology Serap Çifçili, Professor, Family Medicine Serap Şırvancı, Professor, Histology and Emrbyology Serhat Ergün, Assist. Prof., Psychiatry Seyhan Hıdırođlu, Assoc. Prof., Public Health Yaşar İnci Alican, Prof., Physiology Yıldız Akvardar, Prof., Psychiatry Zafer Gören, Prof., Pharmacology Zeliha Leyla Cinel, Professor, Pathology</p>
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READING / STUDYING MATERIALS

- Williams Textbook of Endocrinology. 10th ed./P.Reed Larsen. et al.
- Joslin's Diabetes Mellitus. 14th ed./ Edited by C. Ronald Kahn et al.
- Kaplan & Sadock's Comprehensive Textbook of Psychiatry. Editors, Benjamin J.,Sadock, Virginia A. Sadock.
- Nelson Textbook of Pediatrics.17th ed./Richard E. Behrman, Robert M. Kliegman, Hal B. Jenson.
- Basic Pathology. Vinay Kumar, Ramzi S. Cotran, Stanley L. Robbins.
- Color Textbook of Histology. Leslie P. Gartner, James L. Hiatt
- Histology and Cell Biology: An Introduction to Pathology. Abraham L.Kierszenbaum
- Clinical Pharmacology. D.R. Laurence, P.N. Bennet, M.J. Brown Clinical Anatomy for Medical Students. Richard S. Snell Textbook of Medical Physiology. Arthur C. Guyton, John E. Hall

SUMMARY OF THE COURSE 3.4			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	1	1	2
Biochemistry	12		12
Child and Adolescent Psychiatry	5		5
Family Medicine	4		4
Histology and Embryology	4	1	5
Internal Medicine	19		19
Medical Genetics	4		4
Nuclear Medicine	1		1
Pathology	6	1	7
Pediatrics	11		11
Pharmacology	13		13
Physiology	12		12
Psychiatry	20		20
Public Health	10		10
Radiology	1		1
Subtotal	123	3	126
PBL Module	10		10
ICS-3 Clinical: Basic Medical Practices (BMP), Clinical Skills Lab. (CSL)			
ICS-3 Research: Student Research Activity (SRA)			
Turkish for Medical Students - IV	24		24
Turkish for Medical Students – IV (Interactive Session)	26		26
Elective Course	8		8
TOTAL	191	3	194

		THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
1st WEEK (15 - 19 March, 2021)			
Cyprus Local Time	Turkey Local Time		
Monday		15 March	
08:40-09:30	09:40-10:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
09:40-10:30	10:40-11:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
10:40-11:30	11:40-12:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
11:40-12:30	12:40-13:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
13:40-14:30	14:40-15:30	STUDY TIME	
14:40-15:30	15:40-16:30	STUDY TIME	
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences) (MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Cemal Gürkan* Inst. Nurtane Karagil* Dr. Deren Çeker*
16:40-17:30	17:40-18:30		
Tuesday		16 March	
08:00-8:50	09:00-09:50	Introduction to the course	Dr. Amber Eker*
09:00-09:50	10:00-10:50	Pituitary and pineal glands	Dr. Masoud Afshani*
10:00-10:50	11:00-11:50	Thyroid and parathyroids	Dr. Dilek Akakin
12:00-12:50	13:00-13:50	Thyroid and parathyroid glands	Dr. Necmettin Ömer Özdoğmuş
13:00-13:50	14:00-14:50	Skeletal muscle and adipose tissue as endocrine organs	Dr. Hızır Kurtel
14:00-14:50	15:00-15:50	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
15:00-15:50	16:00-16:50	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
Wednesday		17 March	
08:00-8:50	09:00-09:50	STUDY TIME	

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09:00-09:50	10:00-10:50	Thyroid function	Dr. Yaşar İnci Alican
10:00-10:50	11:00-11:50	Thyroid function	Dr. Yaşar İnci Alican
12:00-12:50	13:00-13:50	Pathology of thyroid and parathyroid diseases	Dr. Zeliha Leyla Cinel
13:00-13:50	14:00-14:50	Pathology of thyroid and parathyroid diseases	Dr. Zeliha Leyla Cinel
14:00-14:50	15:00-15:50	Hyperthyroidism	Dr. Özlem Üstay
15:00-15:50	16:00-16:50	Hypothyroidism	Dr. Özlem Üstay
Thursday		18 March	
08:00-8:50	09:00-09:50	STUDY TIME	
09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	15:00-15:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	16:00-16:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
16:00-16:50	17:00-17:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
Friday		19 March	
08:00-08:50	09:00-09:50	Congenital anomalies in children	Dr. Nursel Elçioğlu
09:00-09:50	10:00-10:50	Congenital anomalies in children	Dr. Nursel Elçioğlu
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	Radioisotope imaging of thyroid diseases and iodine therapy in hyperthyroidism and thyroid cancer	Dr. Nahide Gökçora*
14:00-14:50	15:00-15:50	Thyroiditis	Dr. Hülya Gözü
15:00-15:50	16:00-16:50	Thyroid function tests	Dr. Hülya Gözü
16:00-16:50	17:00-17:50	Anatomy LAB: Thyroid and parathyroid glands	Ural Verimli Berfu Çerçi Öngün*

2 nd Week (22 – 26 March, 2021)			
Monday		22 March	
08:40-09:30	09:40-10:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
09:40-10:30	10:40-11:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
10:40-11:30	11:40-12:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
11:40-12:30	12:40-13:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
12:40-13:30	13:40-14:30	ICS-3: Basic Medical Practice-CMPS-1 (Combining Medical Practice Skills)	Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
13:40-14:30	14:40-15:30	ICS-3: Basic Medical Practice-CMPS-1 (Combining Medical Practice Skills)	Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
14:40-15:30	15:40-16:30	ICS-3: Basic Medical Practice-CMPS-1 (Combining Medical Practice Skills)	Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
15:40-16:30	16:40-17:30	Elective Courses (MDCN-181-Forensic Sciences)	Dr. Cemal Gürkan* Inst. Nurtane Karagil*
16:40-17:30	17:40-18:30	(MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Deren Çeker*
Tuesday		23 March	
08:00-8:50	09:00-09:50	Goiter and thyroid cancers	Dr. Hülya Gözü
09:00-09:50	10:00-10:50	STUDY TIME	
10:00-10:50	11:00-11:50	STUDY TIME	
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	Development of endocrine organs	Dr. Dilek Akakın
14:00-14:50	15:00-15:50	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir*
15:00-15:50	16:00-16:50	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir*
16:00-16:50	17:00-17:50	STUDY TIME	

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Wednesday		24 March	
08:00-8:50	09:00-09:50	Histology LAB: Endocrine organs	Dr.Özlem Tuğçe Kaya Dr. Masoud Afshani*
09:00-09:50	10:00-10:50	Hypothalamus and the growth hormone	Dr. Berrak Yegen
10:00-10:50	11:00-11:50	Hypothalamus and the growth hormone	Dr. Berrak Yegen
12:00-12:50	13:00-13:50	Pathology of hypothalamus and pituitary	Dr. Pelin Bağcı
13:00-13:50	14:00-14:50	Disorders of hypothalamus and pituitary	Dr. Özlem Üstay
14:00-14:50	15:00-15:50	Disorders of hypothalamus and pituitary	Dr. Özlem Üstay
15:00-15:50	16:00-16:50	Endemic goiter	Dr. Nimet Emel Lüleci
16:00-16:50	17:00-17:50	STUDY TIME	
Thursday		25 March	
08:00-8:50	09:00-09:50	Introduction to endocrine pharmacology	Dr. Eren Sakallı*
09:00-09:50	10:00-10:50	Hormonal regulation of bone metabolism	Dr. Yaşar İnci Alican
10:00-10:50	11:00-11:50	Hormonal regulation of bone metabolism	Dr. Yaşar İnci Alican
12:00-12:50	13:00-13:50	Calcium and phosphate metabolism	Dr. Önder Şirikçi
13:00-13:50	14:00-14:50	Calcium and phosphate metabolism	Dr. Önder Şirikçi
14:00-14:50	15:00-15:50	Hyperparathyroidism	Dr. Dilek Gogas Yavuz
15:00-15:50	16:00-16:50	Hypoparathyroidism	Dr. Dilek Gogas Yavuz
16:00-16:50	17:00-17:50	Pharmacotherapy of disorders of calcium metabolism	Dr. Medine Gülçebi İdriz Oğlu
Friday		26 March	
08:00-8:50	09:00-09:50	Pharmacotherapy of thyroid diseases	Dr. Eren Sakallı*
09:00-09:50	10:00-10:50	Hormonal control of blood glucose	Dr. Hızır Kurtel
10:00-10:50	11:00-11:50	Hormonal control of blood glucose	Dr. Hızır Kurtel
12:00-12:50	13:00-13:50	STUDY TIME	
13:00-13:50	14:00-14:50	STUDY TIME	
14:00-14:50	15:00-15:50	Endocrine function of pancreas	Dr. Goncagül Haklar
15:00-15:50	16:00-16:50	Endocrine function of pancreas	Dr. Goncagül Haklar

16:00-16:50	17:00-17:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
Saturday		27 March	
11:00-14:00	12:00-15:00	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
3rd Week (29 March– 02 April, 2021)			
Monday	29 March		
08:40-09:30	Turkish For Medical Students-IV (Foreign Students)		Inst. Emine Özerinç*
09:40-10:30	Turkish For Medical Students-IV (Foreign Students)		Inst. Emine Özerinç*
10:40-11:30	Turkish For Medical Students-IV (Foreign Students)		Inst. Emine Özerinç*
11:40-12:30	Turkish For Medical Students-IV (Foreign Students)		Inst. Emine Özerinç*
13:40-14:30	ICS-3: Basic Medical Practice-CMPS-2 (Combining Medical Practice Skills)		Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
14:40-15:30	ICS-3: Basic Medical Practice-CMPS-2 (Combining Medical Practice Skills)		Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
15:40-16:30	Elective Courses (MDCN-181-Forensic Sciences)		Dr. Cemal Gürkan* Inst. Nurtane Karagil*
16:40-17:30	(MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)		Dr. Deren Çeker*
Tuesday	30 March		
09:00-09:50	Adrenal glands		Dr. Serap Şirvancı
10:00-10:50	Pathophysiology of diabetes mellitus (type 1 DM)		Dr. Abdullah Bereket
11:00-11:50	Acute complications of diabetes mellitus		Dr. Abdullah Bereket
13:00-13:50	Classification and diagnosis of diabetes mellitus		Dr. Dilek Gogas Yavuz
14:00-14:50	Pathophysiology of diabetes mellitus (type II DM)		Dr. Dilek Gogas Yavuz
15:00-15:50	Chronic complications of diabetes mellitus		Dr. Hülya Gözü
16:00-16:50	Chronic complications of diabetes mellitus		Dr. Hülya Gözü
17:00-17:50	STUDY TIME		

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Wednesday	31 March	
09:00-09:50	Genetic basis of diabetes mellitus	Dr. Mehmet Ali Söylemez
10:00-10:50	Pharmacotherapy of diabetes mellitus	Dr. Eren Sakallı*
11:00-11:50	Pharmacotherapy of diabetes mellitus	Dr. Eren Sakallı*
13:00-13:50	Treatment of diabetes mellitus	Dr. Özlem Üstay
14:00-14:50	PBL-1	Dr. Amber Eker*
15:00-15:50	PBL-1	Dr. Bülent Sezgin* Dr. Nevin Yılmaz* Dr. Nilüfer Güzoğlu *
16:00-16:50	Pathology of endocrine pancreas	Dr. Rengin Asiye Ahıskalı
17:00-17:50	Pathology of endocrine pancreas	Dr. Rengin Asiye Ahıskalı
Thursday	01 April	
09:00-09:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
10:00-10:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
11:00-11:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
13:00-13:50	STUDY TIME	
14:00-14:50	Adrenal cortex hormones	Dr. Hızır Kurtel
15:00-15:50	Adrenal cortex hormones	Dr. Hızır Kurtel
16:00-16:50	Adrenal medullary hormones	Dr. Alper Yıldırım
17:00-17:50	STUDY TIME	
Friday	02 April	
09:00-09:50	Pathology of adrenal cortex and medulla	Dr. Zeliha Leyla Cinel
10:00-10:50	Pathology LAB: Pathology of endocrine diseases	Dr. Pelin Bağcı
11:00-11:50	Endocrine hypertension	Dr. Hülya Gözü
13:00-13:50	STUDY TIME	
14:00-14:50	STUDY TIME	
15:00-15:50	PBL-2	Dr. Amber Eker*
16:00-16:50	PBL-2	Dr. Bülent Sezgin*

		Dr.Nevin Yılmaz* Dr. Nilüfer Güzoğlu *
17:00-17:50	STUDY TIME	
Saturday	03 April	
11:00-15:00	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
4th Week (05 – 09 April, 2021)		
Monday	05 April	
09:00-09:50	Diabetes insipidus	Dr. Abdullah Bereket
10:00-10:50	Growth monitoring and anthropometry	Dr. Abdullah Bereket
11:00-11:50	Growth and developmental problems	Dr. Abdullah Bereket
13:00-13:50	ICS-3 Research: Data Analysis Course	Dr. İlke Akçay*
14:00-14:50	ICS-3 Research: Data Analysis Course	Dr. İlke Akçay*
15:00-15:50	ICS-3 Research: Data Analysis Course	Dr. İlke Akçay*
16:00-16:50	ICS-3 Research: Data Analysis Course	Dr. İlke Akçay*
Tuesday	06 April	
09:00-09:50	Radiology of endocrine diseases	Dr. Onur Buğdaycı
10:00-10:50	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir*
11:00-11:50	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir*
13:00-13:50	Clinical pharmacology of steroids	Dr. Eren Sakallı*
14:00-14:50	Clinical pharmacology of steroids	Dr. Eren Sakallı*
15:00-15:50	Adrenal insufficiency	Dr. Dilek Gogas Yavuz
16:00-16:50	Cushing syndrome	Dr. Dilek Gogas Yavuz
17:00-17:50	STUDY TIME	
Wednesday	07 April	
09:00-9:50	Hereditary growth hormone deficiency	Dr. Ahmet Arman
10:00-10:50	Genetic basis of sexual differentiation	Dr. Bilgen Bilge Geçkinli

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11:00-11:50	Introduction to child and adolescence psychiatry	Dr. Osman Talat Sabuncuoğlu
13:00-13:50	STUDY TIME	
14:00-14:50	PBL-3	Dr. Amber Eker* Dr.Bülent Sezgin*
15:00-15:50	PBL-3	Dr.Nevin Yılmaz* Dr. Nilüfer Güzoğlu *
16:00-16:50	Growth, development and feeding in the infant and child	Dr. Ömür Çınar Elçi*
17:00-17:50	Growth, development and feeding in the infant and child	Dr. Ömür Çınar Elçi*
Thursday	08 April	
09:00-9:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
10:00-10:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
11:00-11:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
13:00-13:50	STUDY TIME	
14:00-14:50	STUDY TIME	
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
17:00-17:50	STUDY TIME	
Friday	09 April	
09:00-09:50	Mental development and developmental disorders	Dr. Neşe Perdahlı Fiş
10:00-10:50	Child abuse and neglect in child psychiatry perspective	Dr. Ayşe Rodopman Arman
11:00-11:50	Developmental psychopathology: Common child psychiatric disorders	Dr. Ayşe Rodopman Arman
13:00-13:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
14:00-14:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
15:00-15:50	PBL-4	Dr. Amber Eker* Dr.Bülent Sezgin*
16:00-16:50	PBL-4	Dr.Nevin Yılmaz* Dr. Nilüfer Güzoğlu *

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17:00-17:50	STUDY TIME	
Saturday	10 April	
11:00-15:00	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
5th Week (12 – 16 April, 2021)		
Monday	12 April	
08:40-09:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
09:40-10:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
10:40-11:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
11:40-12:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
13:40-14:30	ICS-3 Research: Data Analysis Course	Dr. İlke Akçay*
14:40-15:30	ICS-3 Research: Data Analysis Course	Dr. İlke Akçay*
15:40-16:30	Elective Courses (MDCN-181-Forensic Sciences)	Dr. Cemal Gürkan* Inst. Nurtane Karagil*
16:40-17:30	(MDCN-182-Art and Craft) (MDCN-125-Medical Anthropology)	Dr. Deren Çeker*
Tuesday	13 April	
09:00-09:50	Disorders of sexual differentiation	Dr. Abdullah Bereket
10:00-10:50	Congenital adrenal hyperplasia	Dr. Abdullah Bereket
11:00-11:50	Genetic disorders of thyroid and parathyroid glands	Dr. Ahmet İlter Güney
13:00-13:50	Signs and symptoms in psychiatry	Dr. Yıldız Akvardar
14:00-14:50	Signs and symptoms in psychiatry	Dr. Yıldız Akvardar
15:00-15:50	Body and psychiatry: Introduction to somatoform disorders	Dr. Mustafa Kemal Sayar
16:00-16:50	Mental disorders due to medical conditions	Dr. Ömer Yanartaş
17:00-17:50	STUDY TIME	
Wednesday	14 April	
09:00-09:50	Observation and communication techniques in psychiatry	Dr. Axel Würz
10:00-10:50	Observation and communication techniques in psychiatry	Dr. Axel Würz
11:00-11:50	Introduction to sexual disorders	Dr. Axel Würz

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13:00-13:50	Health and illness	Dr. Dilşad Save
14:00-14:50	PBL-5	Dr. Amber Eker* Dr. Bülent Sezgin*
15:00-15:50	PBL-5	Dr. Nevin Yılmaz* Dr. Nilüfer Güzoğlu *
16:00-16:50	Domestic violence	Dr. Ahmet Topuzoğlu
17:00-17:50	Mental health targets in Health 21	Dr. Ahmet Topuzoğlu
Thursday	15 April	
09:00-09:50	STUDY TIME	
10:00-10:50	Puberty and pubertal disorders	Dr. Abdullah Bereket
11:00-11:50	Puberty and pubertal disorders	Dr. Abdullah Bereket
13:00-13:50	Neurobiology of mental disorders I	Dr. Yıldız Akvardar
14:00-14:50	Neurobiology of mental disorders II	Dr. Yıldız Akvardar
15:00-15:50	Psychosocial development	Dr. Aliye Tuğba Bahadır
16:00-16:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
17:00-17:50	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*
Friday	16 April	
09:00-09:50	Demographic transition in the world and Turkey	Dr. Ayşe Nilüfer Özyaydın
10:00-10:50	Mood disorders I: Depression	Dr. Yıldız Akvardar
11:00-11:50	Mood disorders II: Bipolar disorder	Dr. Yıldız Akvardar
13:00-13:50	STUDY TIME	
14:00-14:50	CASE: Adult patient with excessive sleepiness and fatigue	Dr. Çiğdem Apaydın Kaya
15:00-15:50	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
16:00-16:50	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
17:00-17:50	Primary prevention in elderly	Dr. Saliha Serap Çifçili
Saturday	17 April	
11:00-15:00	Turkish For Medical Students-IV (Interactive Session for Foreign Students)	Inst. Emine Özerinç*

6 th Week (19 April – 23 April, 2021)		
Monday	19 April	
08:40-09:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
09:40-10:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
10:40-11:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
11:40-12:30	Turkish For Medical Students-IV (Foreign Students)	Inst. Emine Özerinç*
13:40-14:30	ICS-3: Basic Medical Practice-CMPS-3 (Combining Medical Practice Skills)	Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
14:40-15:30	ICS-3: Basic Medical Practice-CMPS-3 (Combining Medical Practice Skills)	Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
15:40-16:30	ICS-3: Basic Medical Practice-CMPS-3 (Combining Medical Practice Skills)	Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
16:40-17:30	ICS-3: Basic Medical Practice-CMPS-3 (Combining Medical Practice Skills)	Dr. Pemra C. Ünalın* Dr. Amber Eker* Dr. Serap Çiftçili* Dr. Bülent Sezgin*
Tuesday	20 April	
09:00-09:50	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
10:00-10:50	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
11:00-11:50	Pharmacotherapy of psychosis	Dr. Filiz Onat
13:00-13:50	Social determinants of mental health and social psychiatry	Dr. Yıldız Akvardar
14:00-14:50	Alcohol and substance use disorders	Dr. Yıldız Akvardar
15:00-15:50	Alcohol and substance use disorders	Dr. Yıldız Akvardar
16:00-16:50	Geriatric syndromes	Dr. Saliha Serap Çiftçili
17:00-17:50	Geriatric syndromes	Dr. Saliha Serap Çiftçili
Wednesday	21 April	
09:00-09:50	Introduction to anxiety disorders II	Dr. Serhat Ergün

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10:00-10:50	Introduction to anxiety disorders II	Dr. Serhat Ergün
11:00-11:50	Pharmacotherapy of anxiety and sleep disorders	Dr. Zafer Gören
13:00-13:50	Drug and substance addiction	Dr. Atila Karaalp
14:00-14:50	Clinical pharmacology and toxicity of alcohol	Dr. Atila Karaalp
15:00-15:50	Pharmacological therapies in psychiatry	Dr. Mesut Yıldız
16:00-16:50	Pharmacological therapies in psychiatry	Dr. Mesut Yıldız
17:00-17:50	STUDY TIME	
Thursday	22 April	
09:00-09:50	Healthy diet	Dr. Ömür Çınar Elçi*
10:00-10:50	ICS-3: Clinical Skills-Physical examination of the thyroid gland (Tutor presentation and audio visualization)	Dr. Çiğdem Apaydın Kaya
11:00-11:50	ICS-3: Clinical Skills-Breast examination (Tutor presentation and audio visualization)	Dr. Arzu Uzuner
13:00-13:50	Catecholamines	Dr. Ergül Mutlu Altundağ*
14:00-14:50	Catecholamines	Dr. Ergül Mutlu Altundağ*
15:00-15:50	Nutrition in risk groups	Dr. Ömür Çınar Elçi*
16:00-16:50	Nutrition in risk groups	Dr. Ömür Çınar Elçi*
17:00-17:50	Assessment of community nutrition	Dr. Ömür Çınar Elçi*
Friday	23 April	
09:00-09:50	National Sovereignty and Children's Day	
10:00-10:50		
11:00-11:50		
13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
17:00-17:50		
7th Week (26 – 30 April, 2021)		

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Monday	26 April	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	27 April	
09:00-09:50	STUDY TIME	
10:00-10:50	STUDY TIME	
11:00-11:50	STUDY TIME	
13:00-13:50	STUDY TIME	
14:00-14:50	STUDY TIME	
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
17:00-17:50	STUDY TIME	
Wednesday	28 April	
09:00-09:50	STUDY TIME	
10:00-10:50	STUDY TIME	
11:00-11:50	STUDY TIME	
13:00-13:50	STUDY TIME	
14:00-14:50	STUDY TIME	
15:00-15:50	STUDY TIME	
16:00-16:50	STUDY TIME	
17:00-17:50	STUDY TIME	

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Thursday	29 April	
09:00-09:50	Y3C4 THEORETICAL EXAM	
10:00-10:50		
11:00-11:50		
13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
Friday	30 April	
09:00-09:50		
10:00-10:50		
11:00-11:50		
13:00-13:50		
14:00-14:50		
15:00-15:50		
16:00-16:50		
17:00-17:50		