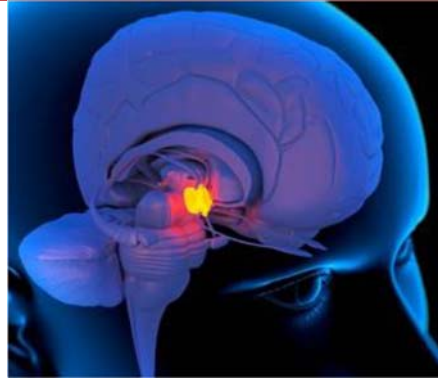




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**GROWTH, DEVELOPMENT, MENTAL HEALTH AND RELATED DISORDERS
YEAR 3 COURSE 4
March 04 – April 19, 2019**

Year 3 Coordinators

Prof., Arzu Akşit İLKİ & Assoc. Prof., Pınar Mega TİBER & Assist. Prof., İlke AKÇAY

Module Coordinator Prof., Özlem SARIKAYA Inst. Dr. Berfu ÇERÇİ ÖNGÜN	Introduction to Clinician Skills (ICS) Coordinators Prof., Pemra ÜNALAN Assist. Prof., Bülent SEZGIN
Coordinator of Clinical Skill Lab. Prof., Pemra ÜNALAN Assist. Prof., Bülent SEZGIN	Coordinator of ICS Res. Lab. Prof., Sibel SAKARYA Assist. Prof., İlke AKÇAY
Coordinator of Multidisciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR Assist. Prof., Mümtaz GÜRAN	Coordinator of Assessment Unit Assist. Prof., Cevdet NACAR Assist. Prof., Can ERZİK Assist. Prof., H. Eren SAKALLI

Vice-Chief Coordinators

Assessment Assist. Prof., Cevdet NACAR Assist. Prof., H. Eren SAKALLI	Student Affairs Assist. Prof., Can ERZİK Assist. Prof., İlke AKÇAY Assist. Prof., Mümtaz GÜRAN
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
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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

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.

Learning Objectives: At the end of this course, third year students will,

review the development, histology and structure of the endocrine system,

- 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

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-3.4

- Anatomy
- Biochemistry
- Child and Adolescent Psychiatry
- Family Medicine
- Histology and Embryology
- Internal Medicine
- Medical Genetics
- Nuclear Medicine

- Pathology
- Pediatrics
- Pharmacology
- Physiology
- Psychiatry
- Public Health
- Radiology

LECTURERS / TUTORS

Ahmet Arman, Prof., Medical Genetics
Ahmet İter Güney, Assoc. Prof., Medical Genetics
Ahmet Topuzoğlu, Prof., Public Health
Aliye Tuğba Bahadır, Assist. Prof., Pediatric Psychiatry
Aymelek Yalın, Prof., Anatomy
Alper Yıldırım, Assoc. Prof., Physiology
Atila Karaalp, Prof., Pharmacology
Axel Würz, Inst., Psychiatry
Berfu Çerçi Öngün, Inst., Anatomy
Berrak Yeğen, Prof., Physiology
Beste Melek Atasoy, Prof., Radiation Oncology
Betül Karademir, Assoc. Prof., Biochemistry
Bülent Sezgin, Assist. Prof., Internal Medicine
Cemal Gürkan, Inst., Forensic Sciences
Çiğdem Apaydın Kaya, Assoc. Prof., Family Medicine
Didem Rifki, Inst., Clinical Skills
Dilşad Save, Prof., Public Health
Emine Özerinç, Inst., Turkish Language
Filiz Onat, Prof., Pharmacology
Goncagül Haklar, Prof., Biochemistry
Halil Eren Sakallı, Assist. Prof., Pharmacology
Hande Tuğcan, Inst., Indian Dance
Hızır Kurtel, Prof., Physiology

Huriye Nursel Elçioğlu, Prof., Pediatrics
Hülya Gözü, Prof., Internal Medicine
İlke Akçay, Assist. Prof., Biostatistics
Kemal Berkman, Prof., Pharmacology
Masoud Afshani, Assist. Prof., Histology and Embryology
Medine Gülçebi İdrizoğlu, Assoc. Prof., Pharmacology
Mesut Yıldız, Assist. Prof., Psychiatry
Nahide Gökçora, Prof., Nuclear Medicine
Nimet Emel Lüleci, Prof., Public Health
Nurtane Karagil, Inst., Arts and Crafts
Onur Buğdaycı, Assist. Prof., Radiology
Önder Şirikçi, Prof., Biochemistry
Özlem Sarıkaya, Prof., Medical Education
Özlem Tarçın, Assoc. Prof., Internal Medicine
Pelin Bağcı, Assoc. Prof., Pathology
Saliha Serap Çifçili, Prof., Family Medicine
Serap Şırvancı, Prof., Histology and Embryology
Tülay Güran, Prof., Pediatrics
Volkan Topçuoğlu, Prof., Psychiatry
Yasemin Kurtoğlu, Inst., Aerial Fitness
Yaşar İnci Alican, Prof., Physiology
Yıldız Akvardar, Prof., Psychiatry
Zafer Gören, Prof., Pharmacology
Zeliha Leyla Cinel, Prof., Pathology

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 3.2			
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	2	6
Internal Medicine	17		17
Medical Genetics	4		4
Nuclear Medicine	1		1
Pathology	6	2	8
Pediatrics	10		10
Pharmacology	13		13
Physiology	12		12
Psychiatry	20		20
Public Health	12		12
Radiology	1		1
Subtotal	122	5	127
PBL Module		10	10
ICS-3			
- CSL: Breast, thyroid, prostate Examinations		8	
- Advanced Communication Skills		8	21
- Combining Medical Practice (CMPS)-2		4	
- Report writing		1	
ICS-3: Students Research Activity	8		8
Turkish for Medical Students – IV	18		18
Turkish for Medical Students – IV (Interactive Session)		7	7
Elective Course	8		8
TOTAL	156	43	199

Courses Postponed from Y3C3			
Neurology	4		4

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
WEEK 1 (March 04 - 08, 2018)		
Monday	04 March	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	05 March	
08:40-09:30	Hypothalamus and the growth hormone	Dr. Berrak Yeğen
09:40-10:30	Hypothalamus and the growth hormone	Dr. Berrak Yeğen
10:40-11:30	Thyroid and parathyroid glands	Dr. Aymelek Yalın
11:40-12:30	Anatomy LAB: Thyroid and parathyroid glands	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
13:40-14:30	Catecholamines	Dr. Betül Karademir
14:40-15:30	Catecholamines	Dr. Betül Karademir
15:40-16:30	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir
16:40-17:30	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir
Wednesday	06 March	
08:40-09:30	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir
09:40-10:30	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir
10:40-11:30	Thyroid function	Dr. Yaşar İnci Alican
11:40-12:30	Thyroid function	Dr. Yaşar İnci Alican
13:40-14:30	Hormonal regulation of bone metabolism	Dr. Yaşar İnci Alican
14:40-15:30	Hormonal regulation of bone metabolism	Dr. Yaşar İnci Alican
15:40-16:30	Calcium and phosphate metabolism	Dr. Önder Şirikçi
16:40-17:30	Calcium and phosphate metabolism	Dr. Önder Şirikçi
Thursday	07 March	
08:40-09:30	Thyroid and parathyroids	Dr. Serap Şirvancı
09:40-10:30	Pituitary and pineal glands	Dr. Serap Şirvancı
10:40-11:30	Adrenal glands	Dr. Serap Şirvancı
11:40-12:30	Biosynthesis and metabolism of thyroid hormones	Dr. Goncağül Haklar
13:40-14:30	Biosynthesis and metabolism of thyroid hormones	Dr. Goncağül Haklar
14:40-15:30	Endocrine function of pancreas	Dr. Goncağül Haklar
15:40-16:30	Endocrine function of pancreas	Dr. Goncağül Haklar

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16:40-17:30	STUDY TIME	
Friday	08 March	
08:40-09:30	Development of endocrine organs	Dr. Serap Şirvancı
09:40-10:30	Histology LAB: Endocrine organs	Dr. Serap Şirvancı Dr. Masoud Afshani
10:40-11:30	Histology LAB: Endocrine organs	Dr. Serap Şirvancı Dr. Masoud Afshani
11:40-12:30	Skeletal muscle and adipose tissue as endocrine organs	Dr. Hızır Kurtel
13:40-14:30	Hormonal control of blood glucose	Dr. Hızır Kurtel
14:40-15:30	Hormonal control of blood glucose	Dr. Hızır Kurtel
15:40-16:30	Adrenal cortex hormones	Dr. Hızır Kurtel
16:40-17:30	Adrenal cortex hormones	Dr. Hızır Kurtel
Week 2 (11 March - 15 March 2019)		
Monday	11 March	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	12 March	
08:40-09:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Bülent Sezgin Dr. Didem Rfıki Dr. Cihan Tüccar
09:40-10:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	
10:40-11:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	
11:40-12:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	
13:40-14:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	Dr. Bülent Sezgin Dr. Didem Rfıki Dr. Cihan Tüccar
14:40-15:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	
15:40-16:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	
16:40-17:30	ICS-3: CSL-Breast, thyroid, prostate Examinations	
Wednesday	13 March	
08:40-09:30	STUDY TIME	
09:40-10:30	Pharmacotherapy of disorders of calcium metabolism	Dr. Halil Eren Sakallı
10:40-11:30	Endemic goiter	Dr. Nimet Emel Lüleci
11:40-12:30	Adrenal medullary hormones	Dr. Alper Yıldırım
13:40-14:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
14:40-15:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç

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15:40-16:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
16:40-17:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
Thursday	14 March	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	15 March	
08:40-09:30	Thyroiditis	Dr. Hülya Gözü
09:40-10:30	Chronic complications of diabetes mellitus	Dr. Hülya Gözü
10:40-11:30	Chronic complications of diabetes mellitus	Dr. Hülya Gözü
11:40-12:30	Endocrine hypertension	Dr. Hülya Gözü
13:40-14:30	Thyroid function tests	Dr. Hülya Gözü
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Week 3 (18 March - 22 March 2019)		
Monday	18 March	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	19 March	
08:40-09:30	Radioisotope imaging of thyroid diseases and iodine therapy in hyperthyroidism and thyroid cancer	Dr. Nahide Gökçora
09:40-10:30	Mental disorders due to medical conditions	Dr. Volkan Topçuoğlu
10:40-11:30	Introduction to anxiety disorders I	Dr. Volkan Topçuoğlu
11:40-12:30	Introduction to anxiety disorders II	Dr. Volkan Topçuoğlu
13:40-14:30	Pharmacological therapies in psychiatry I	Dr. Volkan Topçuoğlu
14:40-15:30	Pharmacological therapies in psychiatry II	Dr. Volkan Topçuoğlu
15:40-16:30	PBL Module-1	Dr. Halil Eren Sakallı

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16:40-17:30	PBL Module-1	Dr. Bülent Sezgin Dr. Didem Rıfki
Wednesday	20 March	
08:40-09:30	Signs and symptoms in psychiatry	Dr. Mesut Yıldız
09:40-10:30	Signs and symptoms in psychiatry	Dr. Mesut Yıldız
10:40-11:30	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
11:40-12:30	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
13:40-14:30	Body and psychiatry: Introduction to somatoform disorders	Dr. Mesut Yıldız
14:40-15:30	Pathology of thyroid and parathyroid diseases	Dr. Zeliha Leyla Cinel
15:40-16:30	Pathology of thyroid and parathyroid diseases	Dr. Zeliha Leyla Cinel
16:40-17:30	Pathology of adrenal cortex and medulla	Dr. Zeliha Leyla Cinel
Thursday	21 March	
08:40-09:30	Hereditary growth hormone deficiency	Dr. Ahmet Arman
09:40-10:30	Domestic violence	Dr. Ahmet Topuzoğlu
10:40-11:30	Mental health targets in Health 21	Dr. Ahmet Topuzoğlu
11:40-12:30	Demographic transition in the world and Turkey	Dr. Ahmet Topuzoğlu
13:40-14:30	Disorders of hypothalamus and pituitary	Dr. Özlem Tarçın
14:40-15:30	Disorders of hypothalamus and pituitary	Dr. Özlem Tarçın
15:40-16:30	Hyperthyroidism	Dr. Özlem Tarçın
16:40-17:30	Hypothyroidism	Dr. Özlem Tarçın
Friday	22 March	
08:40-09:30	Y1C3 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Goiter and thyroid cancers	Dr. Özlem Tarçın
14:40-15:30	Hypoparathyroidism	Dr. Özlem Tarçın
15:40-16:30	Treatment of diabetes mellitus	Dr. Özlem Tarçın
16:40-17:30	STUDY TIME	
Week 4 (25 March - 29 March 2019)		
Monday	25 March	
08:40-09:30	ICS-3: Advanced Communication Skills	Dr. Özlem Sarıkaya Dr. Beste Melek Atasoy Dr. Bülent Sezgin
09:40-10:30	ICS-3: Advanced Communication Skills	
10:40-11:30	ICS-3: Advanced Communication Skills	
11:40-12:30	ICS-3: Advanced Communication Skills	
13:40-14:30	ICS-3: Advanced Communication Skills	Dr. Özlem Sarıkaya Dr. Beste Melek Atasoy Dr. Bülent Sezgin Dr. Didem Rıfki
14:40-15:30	ICS-3: Advanced Communication Skills	
15:40-16:30	ICS-3: Advanced Communication Skills	
16:40-17:30	ICS-3: Advanced Communication Skills	

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		Dr. Cihan Tüccar
Tuesday	26 March	
08:40-09:30	STUDY TIME	
09:40-10:30	CASE: Adult patient with excessive sleepiness and fatigue	Dr. Çiğdem Apaydın Kaya
10:40-11:30	Introduction to sexual disorders	Dr. Axel Würz
11:40-12:30	Observation and communication techniques in psychiatry	Dr. Axel Würz
13:40-14:30	Observation and communication techniques in psychiatry	Dr. Axel Würz
14:40-15:30	PBL STUDY TIME	
15:40-16:30	PBL Module-2	Dr. Halil Eren Sakallı Dr. Bülent Sezgin
16:40-17:30	PBL Module-2	Dr. Didem Rfki
Wednesday	27 March	
08:40-09:30	Pathology of endocrine pancreas	Dr. Pelin Bağcı
09:40-10:30	Pathology of endocrine pancreas	Dr. Pelin Bağcı
10:40-11:30	Pathology of hypothalamus and pituitary	Dr. Pelin Bağcı
11:40-12:30	Pathology LAB: Pathology of endocrine diseases-Group A	Dr. Pelin Bağcı
13:40-14:30	Pathology LAB: Pathology of endocrine diseases-Group B	Dr. Pelin Bağcı
14:40-15:30	Radiology of endocrine diseases	Dr. Onur Buğdaycı
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	28 March	
08:40-09:30	Pathophysiology of diabetes mellitus (type II DM)	Dr. Özlem Tarçın
09:40-10:30	Adrenal insufficiency	Dr. Özlem Tarçın
10:40-11:30	Hyperparathyroidism	Dr. Özlem Tarçın
11:40-12:30	Classification and diagnosis of diabetes mellitus	Dr. Özlem Tarçın
13:40-14:30	Cushing syndrome	Dr. Özlem Tarçın
14:40-15:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
15:40-16:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
16:40-17:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
Friday	29 March	
08:40-09:30	Introduction to child and adolescence psychiatry	Dr. Osman Sabuncuoğlu
09:40-10:30	Psychosocial development	Dr. Osman Sabuncuoğlu
10:40-11:30	Developmental psychopathology: Common child psychiatric disorders	Dr. Ayşe Burcu Ayaz
11:40-12:30	Child abuse and neglect in child psychiatry perspective	Dr. Ayşe Burcu Ayaz
13:40-14:30	Mental development and developmental disorders	Dr. Ayşe Burcu Ayaz
14:40-15:30	Genetic disorders of thyroid and parathyroid glands	Dr. Ahmet İlder Güney
15:40-16:30	Genetic basis of diabetes mellitus	Dr. Ahmet İlder Güney
16:40-17:30	Genetic basis of sexual differentiation	Dr. Ahmet İlder Güney

Week 5 (1 April - 5 April 2019)		
Monday	01 April	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	02 April	
08:40-09:30	Drug and substance addiction	Dr. Atila Karaalp
09:40-10:30	Clinical pharmacology and toxicity of alcohol	Dr. Atila Karaalp
10:40-11:30	Geriatric syndromes	Dr. Saliha Serap Çiççili
11:40-12:30	Geriatric syndromes	Dr. Saliha Serap Çiççili
13:40-14:30	Primary prevention in elderly	Dr. Saliha Serap Çiççili
14:40-15:30	PBL STUDY TIME	
15:40-16:30	PBL Module-3	Dr. Halil Eren Sakallı Dr. Bülent Sezgin
16:40-17:30	PBL Module-3	Dr. Didem Rıfkı
Wednesday	03 April	
08:40-09:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Saliha Serap Çiççili
09:40-10:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Bülent Sezgin
10:40-11:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Didem Rıfkı
11:40-12:30	ICS-3: Combining Medical Practice (CMPS)-2	Dr. Cihan Tüccar
13:40-14:30	Social determinants of mental health and social psychiatry	Dr. Yıldız Akvardar
14:40-15:30	Alcohol and substance use disorders	Dr. Yıldız Akvardar
15:40-16:30	Alcohol and substance use disorders	Dr. Yıldız Akvardar
16:40-17:30	Neurobiology of mental disorders I	Dr. Yıldız Akvardar
Thursday	04 April	
08:40-09:30	STUDY TIME	
09:40-10:30	Neurobiology of mental disorders II	Dr. Yıldız Akvardar
10:40-11:30	Mood disorders I: Depression	Dr. Yıldız Akvardar
11:40-12:30	Mood disorders II: Bipolar disorder	Dr. Yıldız Akvardar
13:40-14:30	Diabetes insipidus	Dr. Tülay Güran
14:40-15:30	Pathophysiology of diabetes mellitus (type 1 DM)	Dr. Tülay Güran
15:40-16:30	Acute complications of diabetes mellitus	Dr. Tülay Güran
16:40-17:30	Disorders of sexual differentiation	Dr. Tülay Güran

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Friday	05 April	
08:40-09:30	Congenital adrenal hyperplasia	Dr. Tülay Güran
09:40-10:30	Growth monitoring and anthropometry	Dr. Tülay Güran
10:40-11:30	Growth and developmental problems	Dr. Tülay Güran
11:40-12:30	Puberty and pubertal disorders	Dr. Tülay Güran
13:40-14:30	Puberty and pubertal disorders	Dr. Tülay Güran
14:40-15:30	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
15:40-16:30	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
16:40-17:30	Pharmacotherapy of anxiety and sleep disorders	Dr. Zafer Gören
Week 6 (8 April - 12 April 2019)		
Monday	08 April	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Headache in the emergency room*	Dr. Tülin Tanrıdağ
11:40-12:30	Neurological emergencies*	Dr. Tülin Tanrıdağ
13:40-14:30	Myopathies and myasthenia gravis*	Dr. Tülin Tanrıdağ
14:40-15:30	Dementia, Alzheimer's disease and related dementias*	Dr. Tülin Tanrıdağ
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
	<i>*courses postponed from Y3C3</i>	
Tuesday	09 April	
08:40-09:30	STUDY TIME	
09:40-10:30	Introduction to endocrine pharmacology	Dr. Kemal Berkman
10:40-11:30	Pharmacotherapy of thyroid diseases	Dr. Kemal Berkman
11:40-12:30	Clinical pharmacology of steroids	Dr. Kemal Berkman
13:40-14:30	Clinical pharmacology of steroids	Dr. Kemal Berkman
14:40-15:30	PBL STUDY TIME	
15:40-16:30	PBL Module-4	Dr. Halil Eren Sakallı Dr. Bülent Sezgin
16:40-17:30	PBL Module-4	Dr. Didem Rıfki
Wednesday	10 April	
08:40-09:30	ICS-3 Research: Data analysis	Dr. İlke Akçay
09:40-10:30	ICS-3 Research: Data analysis	
10:40-11:30	ICS-3 Research: Data analysis	
11:40-12:30	ICS-3 Research: Data analysis	
13:40-14:30	ICS-3 Research: Data analysis	Dr. İlke Akçay
14:40-15:30	ICS-3 Research: Data analysis	
15:40-16:30	ICS-3 Research: Data analysis	

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16:40-17:30	ICS-3 Research: Data analysis	
Thursday	11 April	
08:40-09:30	Growth, development and feeding in the infant and child	Dr. Dilşad Save
09:40-10:30	Growth, development and feeding in the infant and child	Dr. Dilşad Save
10:40-11:30	Social and behavioral determinants of health and disease	Dr. Dilşad Save
11:40-12:30	Nutrition in risk groups	Dr. Dilşad Save
13:40-14:30	ICS-3: PV report writing	Dr. Bülent Sezgin Dr. Didem Rıfki
14:40-15:30	PBL STUDY TIME	
15:40-16:30	PBL Module-5	Dr. Halil Eren Sakallı Dr. Bülent Sezgin
16:40-17:30	PBL Module-5	Dr. Didem Rıfki
Friday	12 April	
08:40-09:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
09:40-10:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
10:40-11:30	Pharmacotherapy of psychosis	Dr. Filiz Onat
11:40-12:30	Nutrition in risk groups	Dr. Dilşad Save
13:40-14:30	Assessment of community nutrition	Dr. Dilşad Save
14:40-15:30	Health and illness	Dr. Dilşad Save
15:40-16:30	Healthy diet	Dr. Dilşad Save
16:40-17:30	Congenital anomalies in children	Dr. Huriye Nursel Elçioğlu
Week 7 (15 April - 19 April 2019)		
Monday	15 April	
08:40-09:30	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Tuesday	16 April	
08:40-09:30	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		

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16:40-17:30		
Wednesday	17 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	
Thursday	18 April	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	19 April	
08:40-09:30	Y3C4 THEORETICAL EXAM (starts at 9:30)	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		