



**GROWTH, DEVELOPMENT, MENTAL HEALTH AND RELATED DISORDERS
YEAR 3 COURSE 4**

March 6th, 2016 – April 21st, 2017

Coordinator of the Course 3.4

Assist. Prof., İlke Akçay

Coordinator of Multidisciplinary Students' Lab.

Assist. Prof., Mümtaz GÜRAN

Coordinator of Clinical Skill Lab.

Instructor., Berfu Çerçi ÖNGÜN

Coordinator of Assessment Unit

Assist. Prof., Mümtaz GÜRAN, Assist. Prof.
Mevhibe Hocaoğlu, Assist. Prof., İlke Akçay

Coordinator of ICS Res. LAB.

Assist. Prof., İlke Akçay,
Assist. Prof. Mevhibe Hocaoğlu

Year 3 Coordinators

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

Module Coordinator

Assoc. Prof., Özlem SARIKAYA

Introduction to Clinician Skills(ICS) Coordinators

Prof., Sibel SAKARYA, Prof., Pemra ÜNALAN

Coordinator of Multidisciplinary Students' Lab.

Assoc. Prof., Betül KARADEMİR

Coordinator of Assessment Unit

Assist. Prof., Cevdet NACAR

Vice-Chief Coordinators

Assessment

Assist. Prof., Cevdet NACAR

Students' Affairs

Assist. Prof., Can ERZİK

Chief Coordinator

Assoc. Prof., Hasan YANANLI

**Coordinator of Medical Education Program
Evaluation and Development Commission**

Prof., Berrak Ç. YEĞEN

Educational Consultant

Assoc. Prof., Mehmet Ali GÜLPINAR

Dean (EMU)

Prof., Nahide GÖKÇORA

Acting Dean (MU)

Prof., Ömer GÜNAL

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
- Nutrition and Dietetics
- Internal Medicine

- Pediatrics
- Pharmacology
- Physiology
- Psychiatry
- Medical Education
- Medical Genetics
- Public Health
- Radiology

LECTURERS / TUTORS

Aliye Tuğba Bahadır, Assist. Prof. of Child and Adolescent Psychiatry	Kemal Kuşçu, Professor of Psychiatry
Alper Yıldırım, Assist. Prof. of Physiology	Leyla Cinel, Professor of Pathology
Atila Karaalp, Professor of Pharmacology	Masoud Afshani, Instructor of Histology&Embryology
Axel Würz, Instructor of Psychiatry	Medine Gülçebi İdrizoğlu, Assist. Prof. of Pharmacology
Aymelek Yalın, Professor of Anatomy	Mehmet Akman, Assoc. Prof. of Family Medicine
Berfu Çerçi Öngün , Instructor of Anatomy	Mesut Yıldız, Assist. Prof. of Psychiatry
Berrak Yeğen, Professor of Physiology	Mevhibe Hocaoğlu, Assist. Prof. of Public Health
Betül Karademir, Assoc. Professor of Biochemistry	Mümtaz Güran, Assist. Prof. of Microbiology
Bülent Sezgin, Instructor of Internal Medicine	Nahide Gökçora, Professor of Nuclear Medicine
Çiğdem Apaydın, Assoc. Prof. of Family Medicine	Nevber İstillozlu, Instructor of Turkish Comm. Skills
Dilek Yavuz, Professor of Internal Medicine	Oğuzhan Deyneli, Professor of Internal Medicine
Dilşad Save, Professor of Public Health	Onur Buğdaycı, Assist. Prof. of Radiology
Duygu Gençalp, Instructor of Biochemistry	Önder Şirikçi, Professor of Biochemistry
Emel Lüleci, Professor of Public Health	Özlem Tarçın, Assoc. Prof. of Internal Medicine
Emine Özerinç, Instructor of Turkish Comm. Skills	Pelin Bağcı, Assoc. Prof. of Pathology
Filiz Onat, Professor of Pharmacology	Pınar Ay, Professor of Public Health
Goncagül Haklar, Professor of Biochemistry	Serap Çifçili, Assoc. Prof. of Family Medicine
Hızır Kurtel, Professor of Physiology	Serap Şirvancı, Professor of Histology&Embryology
Huriye Nursel Elçioğlu, Professor of Pediatrics	Sibel Sakarya, Professor of Public Health
Hülya Gözü, Assoc. Prof. of Internal Medicine	Sultan Nazif, Instructor of Nutrition and Dietetics
İlke Akçay, Assist. Prof. of Biostatistics	Tülay Güran, Assoc. Prof. of Pediatrics
İlter Güney, Assoc. Prof. of Medical Genetics	Volkan Topçuoğlu, Prof. of Psychiatry
İnci Alican, Professor of Physiology	Yıldız Akvardar, Professor of Psychiatry
Kemal Berkman, Professor of Pharmacology	Yönter Meray, Instructor of Microbiology
	Zafer Gören, Professor of Pharmacology

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		3
Histology and Embryology	4	2	6
Internal Medicine	17		17
Medical Genetics	4		4
Nuclear Medicine	1		1
Nutrition and Dietetics	1		1
Pathology	6	2	8
Pediatrics	10		10
Pharmacology	13		13
Physiology	12		12
Psychiatry	20		20
Public Health	11		11
Radiology	1		1
Subtotal	122	5	127
PBL Module	10		10
ICS-3: Basic Medical Practices, Clinical Skills Lab., Students Research Activity	10	10	20
Communication in Turkish-IV (Foreign Students)	35		35
TOTAL	177	15	192

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
1. Week	06-11 March 2017	
Monday	06 March	
08:40-09:30		
09:40-10:30	Introduction to the course	Dr. Mümtaz Güran
10:40-11:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
11:40-12:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
13:40-14:30	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
14:40-15:30	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
15:40-16:30	Endocrine function of pancreas	Dr. Goncagül Haklar
16:40-17:30	Endocrine function of pancreas	Dr. Goncagül Haklar
Tuesday	07 March	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	SEMINAR FOR THE FACULTY STUDENTS	
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	08 March	
08:40-09:30	Thyroid and parathyroid glands	Dr. Aymelek Yalın
09:40-10:30	Anatomy LAB: Thyroid and parathyroid glands	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
10:40-11:30	Hypothalamus and the growth hormone	Dr. Berrak Yegen
11:40-12:30	Hypothalamus and the growth hormone	Dr. Berrak Yegen
13:40-14:30		
14:40-15:30	Thyroid and parathyroids	Dr. Serap Şirvancı
15:40-16:30	Pituitary and pineal glands	Dr. Serap Şirvancı
16:40-17:30	Adrenal glands	Dr. Serap Şirvancı
Thursday	09 March	
08:40-09:30	Development of endocrine organs	Dr. Serap Şirvancı
09:40-10:30	Histology LAB: Endocrine organs	Dr. Serap Şirvancı, Inst. Masoud Afshani
10:40-11:30	Histology LAB: Endocrine organs	Dr. Serap Şirvancı, Inst. Masoud Afshani
11:40-12:30		
13:40-14:30	Calcium and phosphate metabolism	Dr. Önder Şirikçi
14:40-15:30	Calcium and phosphate metabolism	Dr. Önder Şirikçi
15:40-16:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
16:40-17:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
Friday	10 March	
08:40-09:30	WHITE COAT CEREMONY	
09:40-10:30	WHITE COAT CEREMONY	
10:40-11:30	WHITE COAT CEREMONY	
11:40-12:30	WHITE COAT CEREMONY	

13:40-14:30	WHITE COAT CEREMONY	
14:40-15:30	WHITE COAT CEREMONY	
15:40-16:30	WHITE COAT CEREMONY	
16:40-17:30	WHITE COAT CEREMONY	
2. Week	13-17 March 2017	
Monday	13 March	
08:40-09:30		
09:40-10:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
10:40-11:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
11:40-12:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
13:40-14:30	Skeletal muscle and adipose tissue as endocrine organs	Dr. Hızır Kurtel
14:40-15:30	Radiology of endocrine diseases	Dr. Onur Buğdaycı
15:40-16:30		
16:40-17:30		
Tuesday	14 March	
08:40-09:30	MEDICINE DAY PROGRAM	
09:40-10:30		
10:40-11:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
11:40-12:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
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
Wednesday	15 March	
08:40-09:30		
09:40-10:30		
10:40-11:30	Endemic goiter	Dr. Emel Lüleci
11:40-12:30	Adrenal medullary hormones	Dr. Alper Yıldırım
13:40-14:30	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir
14:40-15:30	Biochemistry of hypothalamic and hypophysial hormones	Dr. Betül Karademir
15:40-16:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
16:40-17:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
Thursday	16 March	
08:40-09:30	Catecholamines	Dr. Betül Karademir
09:40-10:30	Catecholamines	Dr. Betül Karademir
10:40-11:30	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir
11:40-12:30	Biosynthesis and metabolism of steroid hormones	Dr. Betül Karademir
13:40-14:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
14:40-15:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
15:40-16:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
16:40-17:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
Friday	17 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	Pharmacotherapy of disorders of calcium metabolism	Dr. Medine Gülçebi İdrizOğlu
14:40-15:30	Pathology of thyroid and parathyroid diseases	Dr. Leyla Cinel
15:40-16:30	Pathology of thyroid and parathyroid diseases	Dr. Leyla Cinel
16:40-17:30	Pathology of adrenal cortex and medulla	Dr. Leyla Cinel
3. Week	20-24 March 2017	
Monday	20 March	
08:40-09:30	ICS-3: Polyclinic visits Communication in Turkish-IV	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Inst. Yönter Meray, Inst. Duygu Gençalp, Inst. Emine Özerinç, Inst. Nevber İstillozlu
09:40-10:30	ICS-3: Polyclinic visits Communication in Turkish-IV	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Inst. Yönter Meray, Inst. Duygu Gençalp, Inst. Emine Özerinç, Inst. Nevber İstillozlu
10:40-11:30	ICS-3: Polyclinic visits Communication in Turkish-IV	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Inst. Yönter Meray, Inst. Duygu Gençalp, Inst. Emine Özerinç, Inst. Nevber İstillozlu
11:40-12:30	ICS-3: Polyclinic visits Communication in Turkish-IV	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Inst. Yönter Meray, Inst. Duygu Gençalp, Inst. Emine Özerinç, Inst. Nevber İstillozlu
13:40-14:30	Thyroid function	Dr. İnci Alican
14:40-15:30	Thyroid function	Dr. İnci Alican
15:40-16:30	Hormonal regulation of bone metabolism	Dr. İnci Alican
16:40-17:30	Hormonal regulation of bone metabolism	Dr. İnci Alican
Tuesday	21 March	
08:40-09:30	ICS-3: Polyclinic visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Dr. Mümtaz Güran, Inst. Emine Özerinç, Inst. Yönter Meray, Inst. Inst. Duygu Gençalp
09:40-10:30	ICS-3: Polyclinic visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Dr. Mümtaz Güran, Inst. Emine Özerinç, Inst. Yönter Meray, Inst. Inst. Duygu Gençalp
10:40-11:30	ICS-3: Polyclinic visits	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin, Dr. Mümtaz Güran, Inst. Emine Özerinç, Inst. Yönter Meray, Inst. Inst. Duygu Gençalp
11:40-12:30	ICS-3: Polyclinic visits reflection and report writing	Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
13:40-14:30	Primary prevention in elderly	Dr. Serap Çifçili
14:40-15:30	Communication in Turkish-IV (Review Session / Foreign Students)	Emine Özerinç
15:40-16:30	Communication in Turkish-IV (Review Session / Foreign Students)	Emine Özerinç
16:40-17:30		
Wednesday	22 March	
08:40-09:30	Geriatric syndromes	Dr. Serap Çifçili
09:40-10:30	Geriatric syndromes	Dr. Serap Çifçili
10:40-11:30	ICS-3: Polyclinic visits reflection and report writing	Dr. Serap Çifçili

11:40-12:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
13:40-14:30	ICS panel at Class III Hall	
14:40-15:30	ICS panel at Class III Hall	
15:40-16:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
16:40-17:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
Thursday	23 March	
08:40-09:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
09:40-10:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
10:40-11:30	Diabetes insipidus	Dr. Tülay Güran
11:40-12:30	Pathophysiology of diabetes mellitus (type 1 DM)	Dr. Tülay Güran
13:40-14:30	Acute complications of diabetes mellitus	Dr. Tülay Güran
14:40-15:30	Disorders of sexual differentiation	Dr. Tülay Güran
15:40-16:30	Congenital adrenal hyperplasia	Dr. Tülay Güran
16:40-17:30	Radioisotope imaging of thyroid diseases and iodine therapy in hyperthyroidism and thyroid cancer	Dr. Nahide Gökçora
Friday	24 March	
08:40-09:30	Growth monitoring and anthropometry	Dr. Tülay Güran
09:40-10:30	Growth and developmental problems	Dr. Tülay Güran
10:40-11:30	Puberty and pubertal disorders	Dr. Tülay Güran
11:40-12:30	Puberty and pubertal disorders	Dr. Tülay Güran
13:40-14:30	Genetic disorders of thyroid and parathyroid glands	Dr. İlater Güney
14:40-15:30	Genetic basis of diabetes mellitus	Dr. İlater Güney
15:40-16:30	Genetic basis of sexual differentiation	Dr. İlater Güney
16:40-17:30		
4. Week	27-31 March 2017	
Monday	27 March	
08:40-09:30	Disorders of hypothalamus and pituitary	Dr. Oğuzhan Deyneli
09:40-10:30	Disorders of hypothalamus and pituitary	Dr. Oğuzhan Deyneli
10:40-11:30	Thyroid function tests	Dr. Oğuzhan Deyneli
11:40-12:30	Hyperthyroidism	Dr. Oğuzhan Deyneli
13:40-14:30	Hypothyroidism	Dr. Oğuzhan Deyneli
14:40-15:30		
15:40-16:30	PBL Module 1	Dr. Oğuzhan Deyneli, Dr. Berfu Çerçi Öngün
16:40-17:30	PBL Module 1	Dr. Oğuzhan Deyneli, Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
Tuesday	28 March	
08:40-09:30	Classification and diagnosis of diabetes mellitus	Dr. Dilek Yavuz
09:40-10:30	Pathophysiology of diabetes mellitus (type II DM)	Dr. Dilek Yavuz
10:40-11:30	Hyperparathyroidism	Dr. Dilek Yavuz
11:40-12:30	Adrenal insufficiency	Dr. Dilek Yavuz
13:40-14:30	Cushing syndrome	Dr. Dilek Yavuz
14:40-15:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
15:40-16:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
16:40-17:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu

Wednesday	29 March	
08:40-09:30		
09:40-10:30	Social and behavioral determinants of health and disease	Dr. Pınar Ay
10:40-11:30	Growth, development and feeding in the infant and child	Dr. Pınar Ay
11:40-12:30	Growth, development and feeding in the infant and child	Dr. Pınar Ay
13:40-14:30	Treatment of diabetes mellitus	Dr. Özlem Tarçın
14:40-15:30	Hypoparathyroidism	Dr. Özlem Tarçın
15:40-16:30	Goiter and thyroid cancers	Dr. Özlem Tarçın
16:40-17:30		
Thursday	30 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	CASE: Adult patient with excessive sleepiness and fatigue	Dr. Çiğdem Apaydın Kaya
13:40-14:30	Pathology LAB : Pathology of endocrine diseases	Dr. Pelin Bağcı
14:40-15:30	Pathology LAB : Pathology of endocrine diseases	Dr. Pelin Bağcı
15:40-16:30	PBL Module 2	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
16:40-17:30	PBL Module 2	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
Friday	31 March	
08:40-09:30		
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	Social determinants of mental health and social psychiatry	Dr. Kemal Kuşçu
15:40-16:30	Body and psychiatry: Introduction to somatoform disorders	Dr. Kemal Kuşçu
16:40-17:30		
5. Week	03-07 April 2017	
Monday	03 April	
08:40-09:30	Observation and communication techniques in psychiatry	Dr. Axel Würz
09:40-10:30	Observation and communication techniques in psychiatry	Dr. Axel Würz
10:40-11:30	Introduction to sexual disorders	Dr. Axel Würz
11:40-12:30	Healthy diet	Dr. Sultan Nazif
13:40-14:30	Drug and substance addiction	Dr. Atila Karaalp
14:40-15:30	Clinical pharmacology and toxicity of alcohol	Dr. Atila Karaalp
15:40-16:30	PBL Module 3	Dr. Atila Karaalp Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
16:40-17:30	PBL Module 3	Dr. Atila Karaalp Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
Tuesday	04 April	
08:40-09:30	Psychosocial Development	Dr. Aliye Tuğba Bahadır
09:40-10:30	Developmental psychopathology: Common child psychiatric disorders	Dr. Aliye Tuğba Bahadır
10:40-11:30	Child abuse and neglect in child psychiatry perspective	Dr. Aliye Tuğba Bahadır
11:40-12:30	Mental development and developmental disorders	Dr. Aliye Tuğba Bahadır

13:40-14:30	Introduction to child and adolescence psychiatry	Dr. Aliye Tuğba Bahadır
14:40-15:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
15:40-16:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
16:40-17:30	Communication in Turkish-IV	Emine Özerinç, Nevber İstillozlu
Wednesday	05 April	
08:40-09:30	Health and illness	Dr. Dilşad Cebeci Save
09:40-10:30	Domestic Violence	Dr. Dilşad Cebeci Save
10:40-11:30	Signs and symptoms in psychiatry	Dr. Mesut Yıldız
11:40-12:30	Signs and symptoms in psychiatry	Dr. Mesut Yıldız
13:40-14:30	Assessment of community nutrition	Dr. Dilşad Cebeci Save
14:40-15:30	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
15:40-16:30	Schizophrenia and psychotic disorders	Dr. Mesut Yıldız
16:40-17:30		
Thursday	06 April	
08:40-09:30	Nutrition in risk groups	Dr. Dilşad Cebeci Save
09:40-10:30	Nutrition in risk groups	Dr. Dilşad Cebeci Save
10:40-11:30	Neurobiology of mental disorders I	Dr. Yıldız Akvardar
11:40-12:30	Neurobiology of mental disorders II	Dr. Yıldız Akvardar
13:40-14:30	Alcohol and substance use disorders	Dr. Yıldız Akvardar
14:40-15:30	Congenital anomalies in children	Dr. Huriye Nursel Elçioğlu
15:40-16:30	PBL Module 4	Dr. Huriye Nursel Elçioğlu, Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
16:40-17:30	PBL Module 4	Dr. Huriye Nursel Elçioğlu, Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
Friday	07 April	
08:40-09:30	Introduction to anxiety disorders I	Dr. Volkan Topçuoğlu
09:40-10:30	Introduction to anxiety disorders II	Dr. Volkan Topçuoğlu
10:40-11:30	Pharmacological therapies in psychiatry	Dr. Volkan Topçuoğlu
11:40-12:30	Pharmacological therapies in psychiatry	Dr. Volkan Topçuoğlu
13:40-14:30	Mental disorders due to medical conditions	Dr. Volkan Topçuoğlu
14:40-15:30	Alcohol and substance use disorders	Dr. Yıldız Akvardar
15:40-16:30	Mood disorders I: Depression	Dr. Yıldız Akvardar
16:40-17:30	Mood disorders II: Bipolar disorder	Dr. Yıldız Akvardar
6. Week	10-14 April 2017	
Monday	10 April	
08:40-09:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin
09:40-10:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin
10:40-11:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin
11:40-12:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin
13:40-14:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin
14:40-15:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin

15:40-16:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin
16:40-17:30	ICS-3: CMPS(2)	Dr. Çiğdem Apaydın Kaya, Dr. Pembe Eriz, Dr. Bülent Sezgin
Tuesday	11 April	
08:40-09:30	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
09:40-10:30	Pharmacotherapy of depressive disorder	Dr. Zafer Gören
10:40-11:30	Pharmacotherapy of anxiety and sleep disorders	Dr. Zafer Gören
11:40-12:30		
13:40-14:30	ICS-3: CSL-Breast, prostate, thyroid	Dr. Çiğdem Apaydın Kaya, Dr. Bülent Sezgin
14:40-15:30	ICS-3: CSL-Breast, prostate, thyroid	Dr. Çiğdem Apaydın Kaya, Dr. Bülent Sezgin
15:40-16:30	ICS-3: CSL-Breast, prostate, thyroid	Dr. Çiğdem Apaydın Kaya, Dr. Bülent Sezgin
16:40-17:30	ICS-3: CSL-Breast, prostate, thyroid	Dr. Çiğdem Apaydın Kaya, Dr. Bülent Sezgin
Wednesday	12 April	
08:40-09:30		
09:40-10:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
10:40-11:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
11:40-12:30	Pharmacotherapy of psychosis	Dr. Filiz Onat
13:40-14:30	Demographic transition in the world and Turkey	Dr. Sibel Sakarya
14:40-15:30	Mental health targets in Health 21	Dr. Sibel Sakarya
15:40-16:30	PBL Module 5	Dr. Sibel Sakarya, Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
16:40-17:30	PBL Module 5	Dr. Sibel Sakarya, Dr. Berfu Çerçi Öngün, Dr. Bülent Sezgin
Thursday	13 April	
08:40-09:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay
09:40-10:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay
10:40-11:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay
11:40-12:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay
13:40-14:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay
14:40-15:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay
15:40-16:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay

16:40-17:30	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman, Dr. Mevhibe Hoccoğlu, Dr. İlke Akçay
Friday	14 April	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Hereditary growth hormone deficiency	Dr. İlder Güney
14:40-15:30		
15:40-16:30		
16:40-17:30		
7. Week	17-21 April 2017	
Monday	17 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	18 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		
Wednesday	19 April	
08:40-09:30		
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		
Thursday	20 April	
08:40-09:30		
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		
Friday	21 April	
08:40-09:30		
09:40-10:30	Y3C4 THEORETICAL EXAM-at 9:30	
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		