



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

**March 14nd, 2015 – April 29th, 2016**

<b>Coordinator of the Course 3.3</b> Assist. Prof., Mümtaz GÜRAN	<b>Coordinator of the Module 3.3</b> Asist. Prof., Kerem TERALI
<b>Coordinator of Multidiciplinary Students' Lab.</b> Asist. Prof., Kerem TERALI	<b>Coordinator of Clinical Skill Lab.</b> Instructor., Berfu Çerçi ÖNGÜN
<b>Coordinator of Assessment Unite</b> Asist. Prof., Mümtaz GÜRAN, Assist. Prof. Dr. Mevhibe Hocaoglu, Asist. Prof., Ayşe ÜLGEN, Asist. Prof., Kerem Teralı	<b>Coordinator of ICS Res. LAB.</b> Asist. Prof., Mevhibe Hocaoglu
<b>Year 3 Coordinators</b> Assoc. Prof., Arzu Akşit İLKi & Asist. Prof., Pınar Mega TİBER	
<b>Module Coordinator</b> Assoc. Prof., Özlem SARIKAYA	<b>Introduction to Clinician Skills(ICS) Coordinators</b> Prof., Sibel SAKARYA, Assoc. Prof., Pemra ÜNALAN
<b>Coordinator of Multidiciplinary Students' Lab.</b> Asist. Prof., Betül KARADEMİR	<b>Coordinator of Assessment Unite</b> Asist. Prof., Cevdet NACAR
<b>Vice-Chief Coordinators</b>	
<b>Assessment</b> Asist. Prof., Cevdet NACAR	<b>Students' Affairs</b> Asist. Prof., Can ERZİK
<b>Chief Coordinator</b> Assoc. Prof., Hasan YANANLI	<b>Coordinator of Medical Education Program Evaluation and Development Commission</b> Prof., Berrak Ç. YEĞEN
<b>Educational Consultant</b> Assoc. Prof., Mehmet Ali GÜLPINAR	

**Dean (EMU)**  
Prof., Nahide GÖKÇORA

**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**

## 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

Ahmet Arman, Assoc. Prof. Of Medical Genetics  
 Aymelek Yalın, Professor of Anatomy  
 Aliye Tuğba Bahadır, Assist. Prof. of Child and Adolescent Psychiatry  
 Alper Yıldırım, Assist. Professor of Physiology  
 Atila Karaalp, Professor of Pharmacology  
 Axel Würz, Instructor, Psychiatry,

Kemal Kuşçu, Assoc. Prof. of Psychiatry,  
 Kemal Sayar, Professor of Psychiatry,  
 Leyla Cinel, Professor of Pathology,  
 Mehmet Akman, Assoc. Prof. of Family Medicine  
 İter Güney, Assist. Prof. of Medical Genetics  
 Nahide Gökçora, Professor of Nuclear Medicine  
 Oğuzhan Deyneli, Assoc. Prof. of Internal Medicine

Berfu Çerçi Öngün , Instructor, General Practitioner  
Çiğdem Apaydın, Assoc. Prof. of Family Medicine  
Dilek Yavuz, Professor of Internal Medicine  
Dilşad Save, Assoc. Prof. of Public Health  
Emel Lüleci, Assoc. Prof. of Public Health,  
Emel Alphan, Visiting Professor  
Feriha Ercan, Professor of Histology&Embryology,  
Filiz Onat, Professor of Pharmacology,  
Goncagül Haklar, Professor of Biochemistry,  
Huriye Nursel Elçioğlu, Professor of Pediatrics,  
Hızır Kurtel, Professor of Physiology  
İnci Alican, Professor of Physiology,  
Hülya Gözü, Assoc. Prof. of Internal Medicine  
Kemal Berkman, Professor of Pharmacology

Onur Buğdaycı, Radiology  
Önder Şirikçi, Professor of Biochemistry,  
Pelin Bağcı, Assoc. Professor of Pathology  
Pemra Ünalın, Assoc. Prof. of Family Medicine  
Pinar Ay, Assoc. Prof. of Public Health  
Saime Batirel, Assoc. Prof. of Biochemistry  
Serap Çifçili, Assoc. Prof. of Family Medicine  
Sibel Sakarya, Professor of Public Health  
Volkan Topçuoğlu, Assoc. Prof. of Psychiatry  
Yıldız Akvardar, Professor of Psychiatry,  
Zafer Gören, Professor of Pharmacology  
Medine Gülçebi İdriz Oğlu, Assist. Prof. Of Pharmacology  
Osman Talat Sabuncuoğlu, Assoc. Prof. of. Child and  
Adolescent Psychiatry  
Yasin Bez, Assoc. Prof. Of Psychiatry  
Zeynep Atay, Assoc. Professor of Pediatrics

### 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**

<b>Discipline</b>	<b>Lecture &amp; Group Discussion</b>	<b>Multidisciplinary Lab. &amp; Clinical Skills Lab. Practice</b>	<b>Total</b>
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	16		16
Medical Genetics	4		4
Nuclear Medicine	1		1
Pathology	6	2	8
Pediatrics	10		10
Pharmacology	13		13
Physiology	12		12
Psychiatry	19		19
Public Health	11		11
Radiology	1		1
<b>Subtotal</b>	<b>119</b>	<b>5</b>	<b>124</b>
<b>PBL Module</b>	10		10
<b>ICS-3: Basic Medical Practices, Clinical Skills Lab., Students Research Activity</b>	12	16	28
<b>Communication in Turkish-IV (Foreign Students)</b>	15		28
<b>Medical Turkish Communication Skills</b>	10		
<b>TOTAL</b>	<b>177</b>	<b>21</b>	<b>198</b>

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
WEEK 1 (March 14-18, 2016)		
<b>Monday</b>	<b>March 14</b>	
<b>08:40-09:30</b>		
<b>09:40-10:30</b>		
<b>10:40-11:30</b>		
<b>11:40-12:30</b>	Thyroid and parathyroid glands	Dr. Aymelek Yalın
<b>13:40-14:30</b>	<b>Anatomy LAB:</b> Thyroid and parathyroid glands	Dr. Aymelek Yalın, Dr. Berfu Çerçi Öngün
<b>14:40-15:30</b>	STUDY TIME	
<b>15:40-16:30</b>	STUDY TIME	
<b>16:40-17:30</b>	STUDY TIME	
<b>Tuesday</b>	<b>March 15</b>	
<b>08:40-09:30</b>	Medical Turkish Communication Skills	Ayşe Kozansoy
<b>09:40-10:30</b>	Medical Turkish Communication Skills	Ayşe Kozansoy
<b>10:40-11:30</b>	STUDY TIME	
<b>11:40-12:30</b>	STUDY TIME	
<b>13:40-14:30</b>	Endemic goiter	Dr. Emel Lüleci
<b>14:40-15:30</b>	Communication in Turkish-IV	Emine Özerinç
<b>15:40-16:30</b>	Communication in Turkish-IV	Emine Özerinç
<b>16:40-17:30</b>	Communication in Turkish-IV	Emine Özerinç
<b>Wednesday</b>	<b>March 16</b>	
<b>08:40-09:30</b>	Thyroid and parathyroids	Dr. Feriha Ercan
<b>09:40-10:30</b>	Pituitary and pineal glands	Dr. Feriha Ercan
<b>10:40-11:30</b>	Adrenal glands	Dr. Feriha Ercan
<b>11:40-12:30</b>	Development of endocrine organs	Dr. Feriha Ercan
<b>13:40-14:30</b>	Hypothalamus and the growth hormone	Dr. Berrak Yeğen
<b>14:40-15:30</b>	Hypothalamus and the growth hormone	Dr. Berrak Yeğen
<b>15:40-16:30</b>	<b>Histology LAB:</b> Endocrine organs	Dr. Feriha Ercan
<b>16:40-17:30</b>	<b>Histology LAB:</b> Endocrine organs	Dr. Feriha Ercan
<b>Thursday</b>	<b>March 17</b>	
<b>08:40-09:30</b>	<b>ICS-3:</b> Polyclinic Visits-5	Dr. Pemra Ünalın, Dr. Berfu Çerçi Öngün
<b>09:40-10:30</b>	<b>ICS-3:</b> Polyclinic Visits-5	Dr. Pemra Ünalın, Dr. Berfu Çerçi Öngün
<b>10:40-11:30</b>	<b>ICS-3:</b> Polyclinic Visits-5	Dr. Pemra Ünalın, Dr. Berfu Çerçi Öngün

<b>11:40-12:30</b>	<b>ICS-3: Polyclinic Visits-5</b>	Dr. Pemra Ünal, Dr. Berfu Çerçi Öngün
<b>13:40-14:30</b>	Thyroid function	Dr. İnci Alican
<b>14:40-15:30</b>	Thyroid function	Dr. İnci Alican
<b>15:40-16:30</b>	Hormonal regulation of bone metabolism	Dr. İnci Alican
<b>16:40-17:30</b>	Hormonal regulation of bone metabolism	Dr. İnci Alican
<b>Friday</b>	<b>March 18</b>	
<b>08:40-09:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>09:40-10:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>10:40-11:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>11:40-12:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>13:40-14:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>14:40-15:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>15:40-16:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>16:40-17:30</b>	<b>ICS-3: Combining Medical Practice Skills-2</b>	Dr. Pemra Ünal
<b>WEEK 2 (March 21-25, 2016)</b>		
<b>Monday</b>	<b>March 21</b>	
<b>08:40-09:30</b>	Biochemistry of hypothalamic and hypophysial hormones	Dr. Saime Batirel
<b>09:40-10:30</b>	Biochemistry of hypothalamic and hypophysial hormones	Dr. Saime Batirel
<b>10:40-11:30</b>	Catecholamines	Dr. Saime Batirel
<b>11:40-12:30</b>	Catecholamines	Dr. Saime Batirel
<b>13:40-14:30</b>	Biosynthesis and metabolism of steroid hormones	Dr. Saime Batirel
<b>14:40-15:30</b>	Biosynthesis and metabolism of steroid hormones	Dr. Saime Batirel
<b>15:40-16:30</b>	Radiology of endocrine diseases	Dr. Onur Buğdaycı
<b>16:40-17:30</b>	STUDY TIME	
<b>Tuesday</b>	<b>March 22</b>	
<b>08:40-09:30</b>	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
<b>09:40-10:30</b>	Biosynthesis and metabolism of thyroid hormones	Dr. Goncagül Haklar
<b>10:40-11:30</b>	Endocrine function of pancreas	Dr. Goncagül Haklar
<b>11:40-12:30</b>	Endocrine function of pancreas	Dr. Goncagül Haklar
<b>13:40-14:30</b>	Radioisotope imaging of thyroid diseases and iodine therapy in hyperthyroidism and thyroid cancer	Dr. Nahide Gökçora
<b>14:40-15:30</b>	Communication in Turkish-IV	Emine Özerinç
<b>15:40-16:30</b>	Communication in Turkish-IV	Emine Özerinç
<b>16:40-17:30</b>	STUDY TIME	
<b>Wednesday</b>	<b>March 23</b>	

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	Hyperthyroidism	Dr. Oğuzhan Deyneli
11:40-12:30	Thyroid function tests	Dr. Oğuzhan Deyneli
13:40-14:30	Hypothyroidism	Dr. Oğuzhan Deyneli
14:40-15:30	Treatment of diabetes mellitus	Dr. Oğuzhan Deyneli
15:40-16:30	<b>PBL Module-1</b>	Dr. Oğuzhan Deyneli, Dr. Berfu Çerçi Öngün
16:40-17:30	<b>PBL Module-1</b>	Dr. Oğuzhan Deyneli, Dr. Berfu Çerçi Öngün
<b>Thursday</b>	<b>March 24</b>	
08:40-09:30	Diabetes insipidus	Dr. Zeynep Atay
09:40-10:30	Pathophysiology of diabetes mellitus (type I DM)	Dr. Zeynep Atay
10:40-11:30	Thyroiditis	Dr. Hülya Gözü
11:40-12:30	Goiter and thyroid cancers	Dr. Hülya Gözü
13:40-14:30	Chronic complications of diabetes mellitus	Dr. Hülya Gözü
14:40-15:30	Endocrine hypertension	Dr. Hülya Gözü
15:40-16:30	<b>ICS panel at Class III Hall</b>	
16:40-17:30	<b>ICS panel at Class III Hall</b>	
<b>Friday</b>	<b>March 25</b>	
08:40-09:30	Acute complications of diabetes mellitus	Dr. Zeynep Atay
09:40-10:30	Disorders of sexual differentiation	Dr. Zeynep Atay
10:40-11:30	Congenital adrenal hyperplasia	Dr. Zeynep Atay
11:40-12:30	Growth monitoring and anthropometry	Dr. Zeynep Atay
13:40-14:30	Growth and developmental problems	Dr. Zeynep Atay
14:40-15:30	Puberty and pubertal disorders	Dr. Zeynep Atay
15:40-16:30	Puberty and pubertal disorders	Dr. Zeynep Atay
16:40-17:30	STUDY TIME	

<b>WEEK 3 (March 28-April 01, 2016)</b>		
<b>Monday</b>	<b>March 28</b>	
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	CASE: Adult patient with excessive sleepiness and fatigue	Dr. Çiğdem Apaydın Kaya
11:40-12:30	Pathology of hypothalamus and pituitary	Dr. Pelin Bağcı
13:40-14:30	<b>Pathology LAB: Pathology of endocrine diseases</b>	Dr. Pelin Bağcı
14:40-15:30	<b>Pathology LAB: Pathology of endocrine diseases</b>	Dr. Pelin Bağcı



<b>15:40-16:30</b>	<b>PBL Module-2</b>	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
<b>16:40-17:30</b>	<b>PBL Module-2</b>	Dr. Çiğdem Apaydın Kaya, Dr. Berfu Çerçi Öngün
<b>Tuesday</b>	<b>March 29</b>	
<b>08:40-09:30</b>	Pathology of thyroid and parathyroid diseases	Dr. Leyla Cinel
<b>09:40-10:30</b>	Pathology of thyroid and parathyroid diseases	Dr. Leyla Cinel
<b>10:40-11:30</b>	Pathology of adrenal cortex and medulla	Dr. Leyla Cinel
<b>11:40-12:30</b>	STUDY TIME	
<b>13:40-14:30</b>	Hereditary growth hormone deficiency	Dr. Ahmet Arman
<b>14:40-15:30</b>	Communication in Turkish-IV	Emine Özeriç
<b>15:40-16:30</b>	Communication in Turkish-IV	Emine Özeriç
<b>16:40-17:30</b>	STUDY TIME	
<b>Wednesday</b>	<b>March 30</b>	
<b>08:40-09:30</b>	Introduction to endocrine pharmacology	Dr. Kemal Berkman
<b>09:40-10:30</b>	Pharmacotherapy of thyroid diseases	Dr. Kemal Berkman
<b>10:40-11:30</b>	Calcium and phosphate metabolism	Dr. Önder Şirikçi
<b>11:40-12:30</b>	Calcium and phosphate metabolism	Dr. Önder Şirikçi
<b>13:40-14:30</b>	Clinical pharmacology of steroids	Dr. Kemal Berkman
<b>14:40-15:30</b>	Clinical pharmacology of steroids	Dr. Kemal Berkman
<b>15:40-16:30</b>	Communication in Turkish-IV	Emine Özeriç
<b>16:40-17:30</b>	Communication in Turkish-IV	Emine Özeriç
<b>Thursday</b>	<b>March 31</b>	
<b>08:40-09:30</b>	STUDY TIME	
<b>09:40-10:30</b>	Hormonal control of blood glucose	Dr. Hızır Kurtel
<b>10:40-11:30</b>	Hormonal control of blood glucose	Dr. Hızır Kurtel
<b>11:40-12:30</b>	Adrenal cortex hormones	Dr. Hızır Kurtel
<b>13:40-14:30</b>	Adrenal cortex hormones	Dr. Hızır Kurtel
<b>14:40-15:30</b>	Skeletal muscle and adipose tissue as endocrine organs	Dr. Hızır Kurtel
<b>15:40-16:30</b>	<b>PBL Module-3</b>	Dr. Hızır Kurtel, Dr. Berfu Çerçi Öngün
<b>16:40-17:30</b>	<b>PBL Module-3</b>	Dr. Hızır Kurtel, Dr. Berfu Çerçi Öngün
<b>Friday</b>	<b>April 01</b>	
<b>08:40-09:30</b>	STUDY TIME	
<b>09:40-10:30</b>	Hypoparathyroidism	Dr. Dilek Yavuz
<b>10:40-11:30</b>	Hyperparathyroidism	Dr. Dilek Yavuz
<b>11:40-12:30</b>	Classification and diagnosis of diabetes mellitus	Dr. Dilek Yavuz

13:40-14:30	Pathophysiology of diabetes mellitus (type II DM)	Dr. Dilek Yavuz
14:40-15:30	Adrenal insufficiency	Dr. Dilek Yavuz
15:40-16:30	Cushing syndrome	Dr. Dilek Yavuz
16:40-17:30	Adrenal medullary hormones	Dr. Alper Yıldırım

WEEK 4 (April 04-08, 2016)		
<b>Monday</b>	<b>April 04</b>	
08:40-09:30	STUDY TIME	
09:40-10:30	Psychosocial Development	Dr. Aliye Tuğba Bahadır
10:40-11:30	Developmental psychopathology: Common child psychiatric disorders	Dr. Aliye Tuğba Bahadır
11:40-12:30	Child abuse and neglect in child psychiatry perspective	Dr. Aliye Tuğba Bahadır
13:40-14:30	Mental development and developmental disorders	Dr. Aliye Tuğba Bahadır
14:40-15:30	Congenital anomalies in children	Dr. Huriye Nursel Elçioğlu
15:40-16:30	<b>PBL Module-4</b>	Dr. Huriye Nursel Elçioğlu, Dr. Berfu Çerçi Öngün
16:40-17:30	<b>PBL Module-4</b>	Dr. Huriye Nursel Elçioğlu, Dr. Berfu Çerçi Öngün
<b>Tuesday</b>	<b>April 05</b>	
08:40-09:30	STUDY TIME	
09:40-10:30	Genetic disorders of thyroid and parathyroid glands	Dr. İlder Güney
10:40-11:30	Genetic basis of diabetes mellitus	Dr. İlder Güney
11:40-12:30	Genetic basis of sexual differentiation	Dr. İlder Güney
13:40-14:30	Pharmacotherapy of disorders of calcium metabolism	Dr. Medine Gülçebi İdriz Oğlu
14:40-15:30	Communication in Turkish-IV	Emine Özerinç
15:40-16:30	Communication in Turkish-IV	Emine Özerinç
16:40-17:30	STUDY TIME	
<b>Wednesday</b>	<b>April 06</b>	
08:40-09:30	Medical Turkish Communication Skills	Ayşe Kozansoy
09:40-10:30	Medical Turkish Communication Skills	Ayşe Kozansoy
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	Communication in Turkish-IV	Emine Özerinç
14:40-15:30	Communication in Turkish-IV	Emine Özerinç
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
<b>Thursday</b>	<b>April 07</b>	
08:40-09:30	STUDY TIME	

09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	Growth, development and feeding in the infant and child	Dr. Pınar Ay
13:40-14:30	Growth, development and feeding in the infant and child	Dr. Pınar Ay
14:40-15:30	Social and behavioral determinants of health and disease	Dr. Pınar Ay
15:40-16:30	<b>PBL Module-5</b>	Dr. Pınar Ay, Dr. Berfu Çerçi Öngün
16:40-17:30	<b>PBL Module-5</b>	Dr. Pınar Ay, Dr. Berfu Çerçi Öngün
<b>Friday</b>	<b>April 08</b>	
08:40-09:30	Medical Turkish Communication Skills	Ayşe Kozansoy
09:40-10:30	Medical Turkish Communication Skills	Ayşe Kozansoy
10:40-11:30	Health and illness	Dr. Dilşad Save
11:40-12:30	Assessment of community nutrition	Dr. Dilşad Save
13:40-14:30	Nutrition in risk groups	Dr. Dilşad Save
14:40-15:30	Nutrition in risk groups	Dr. Dilşad Save
15:40-16:30	Domestic violence	Dr. Dilşad Save
16:40-17:30	Healthy diet	Dr. Emel Alphan

<b>WEEK 5 (April 11-15, 2016)</b>		
<b>Monday</b>	<b>April 11</b>	
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	Neurobiology of mental disorders I	Dr. Yıldız Akvardar
13:40-14:30	Neurobiology of mental disorders II	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	Introduction to child and adolescence psychiatry	Dr. Osman Talat Sabuncuoğlu
<b>Tuesday</b>	<b>April 12</b>	
08:40-09:30	Signs and symptoms in psychiatry	Dr. Yıldız Akvardar
09:40-10:30	Signs and symptoms in psychiatry	Dr. Yıldız Akvardar
10:40-11:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
11:40-12:30	Pharmacotherapy of diabetes mellitus	Dr. Filiz Onat
13:40-14:30	Pharmacotherapy of psychosis	Dr. Filiz Onat
14:40-15:30	Mood disorders I: Depression	Dr. Yıldız Akvardar
15:40-16:30	Communication in Turkish-IV	Emine Özerinç
16:40-17:30	Communication in Turkish-IV	Emine Özerinç

<b>Wednesday</b>	<b>April 13</b>	
<b>08:40-09:30</b>	STUDY TIME	
<b>09:40-10:30</b>	Primary prevention in elderly	Dr. Serap Çifçili
<b>10:40-11:30</b>	Geriatric syndromes	Dr. Serap Çifçili
<b>11:40-12:30</b>	Geriatric syndromes	Dr. Serap Çifçili
<b>13:40-14:30</b>	Observation and communication techniques in psychiatry	Dr. Axel Würz
<b>14:40-15:30</b>	Observation and communication techniques in psychiatry	Dr. Axel Würz
<b>15:40-16:30</b>	Introduction to sexual disorders	Dr. Axel Würz
<b>16:40-17:30</b>	STUDY TIME	
<b>Thursday</b>	<b>April 14</b>	
<b>08:40-09:30</b>	STUDY TIME	
<b>09:40-10:30</b>	Drug and substance addiction	Dr. Atila Karaalp
<b>10:40-11:30</b>	Clinical pharmacology and toxicity of alcohol	Dr. Atila Karaalp
<b>11:40-12:30</b>	Body and psychiatry: Introduction to somatoform disorders	Dr. Kemal Sayar
<b>13:40-14:30</b>	Social determinants of mental health and social psychiatry	Dr. Kemal Kuşcu
<b>14:40-15:30</b>	Demographic transition in the world and Turkey	Dr. Sibel Sakarya
<b>15:40-16:30</b>	Mental health targets in Health 21	Dr. Sibel Sakarya
<b>16:40-17:30</b>	STUDY TIME	
<b>Friday</b>	<b>April 15</b>	
<b>08:40-09:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman
<b>09:40-10:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman
<b>10:40-11:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman
<b>11:40-12:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman
<b>13:40-14:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman
<b>14:40-15:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman
<b>15:40-16:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman
<b>16:40-17:30</b>	ICS-3: Data Analysis	Dr. Sibel Sakarya, Dr. Mehmet Akman

#### WEEK 6 (April 18-22, 2016)

<b>Monday</b>	<b>April 18</b>	
<b>08:40-09:30</b>		
<b>09:40-10:30</b>	Introduction to anxiety disorders II	Dr. Volkan Topçuoğlu
<b>10:40-11:30</b>	Introduction to anxiety disorders II	Dr. Volkan Topçuoğlu
<b>11:40-12:30</b>	Mood disorders II: Bipolar disorder	Dr. Volkan Topçuoğlu
<b>13:40-14:30</b>	Pharmacological therapies in psychiatry	Dr. Volkan Topçuoğlu
<b>14:40-15:30</b>	Pharmacological therapies in psychiatry	Dr. Volkan Topçuoğlu

15:40-16:30	Schizophrenia and psychotic disorders	Dr. Yasin Bez
16:40-17:30	Schizophrenia and psychotic disorders	Dr. Yasin Bez
<b>Tuesday</b>	<b>April 19</b>	
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	Medical Turkish Communication Skills	Ayşe Kozansoy
16:40-17:30	Medical Turkish Communication Skills	Ayşe Kozansoy
<b>Wednesday</b>	<b>April 20</b>	
08:40-09:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
09:40-10:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
10:40-11:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
11:40-12:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
13:40-14:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
14:40-15:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
15:40-16:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
16:40-17:30	ICS-3: Clinical Skills Lab- Review Session	Dr. Çiğdem Apaydın Kaya
<b>Thursday</b>	<b>April 21</b>	
08:40-09:30	Medical Turkish Communication Skills	Ayşe Kozansoy
09:40-10:30	Medical Turkish Communication Skills	Ayşe Kozansoy
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	
<b>Friday</b>	<b>April 22</b>	
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	

WEEK 7 (April 25-29, 2016)		
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<b>Monday</b>	<b>April 25</b>	
08:40-09:30	<b>PRACTICAL EXAM</b>	
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		
<b>Tuesday</b>	<b>April 26</b>	
08:40-09:30	<b>PRACTICAL EXAM</b>	
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		
<b>Wednesday</b>	<b>April 27</b>	
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	
<b>Thursday</b>	<b>April 28</b>	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	

<b>11:40-12:30</b>	STUDY TIME	
<b>13:40-14:30</b>	STUDY TIME	
<b>14:40-15:30</b>	STUDY TIME	
<b>15:40-16:30</b>	STUDY TIME	
<b>16:40-17:30</b>	STUDY TIME	
<b>Friday</b>	<b>April 29</b>	
<b>08:40-09:30</b>	<b>THEORETICAL EXAM</b>	
<b>09:40-10:30</b>		
<b>10:40-11:30</b>		
<b>11:40-12:30</b>		
<b>13:40-14:30</b>		
<b>14:40-15:30</b>		
<b>15:40-16:30</b>		
<b>16:40-17:30</b>		