

**International School of Medicine / Medicine (English)**

**2023 - 2024 Academic Year**

**INTERNAL MEDICINE**

**Syllabus**

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
INTERNAL MEDICINE	ISM3015449	Yearly	84+42	0	6
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>	none				
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Committee Course				
<b>Course Coordinator</b>	Prof.Dr. Ömür Gökmen SEVİNDİK				
<b>Name of Lecturer(s)</b>	Prof.Dr. Ömür Gökmen SEVİNDİK, Prof.Dr. Mesut YILMAZ, Prof.Dr. Meryem CAN, Assoc.Prof. Esra DEMİR, Prof.Dr. Özcan YILDIZ				
<b>Assistant(s)</b>	Prof.Dr.Ömür Gökmen SEVİNDİKAsst prof Dr. Naim MahroumProf.Dr. Meryem CanAsst prof Dr. Esra Demir				
<b>Aim</b>	The aim of this course is to provide knowledge and skills to student about basic internal medicine approach.				
<b>Course Content</b>	This course contains; Radiation oncology, cancer radiotherapy 1,2, examination of the hematopoietic system, hematopoiesis 1,2,Approach to patient with anemia 1, 2,Approach to patient with bleeding and thrombotic disorders 1, 2,Approach to patient with enlarged spleen, and enlarged lymph nodes and lymphoproliferative disease, 1, 2,Approach to patient with leukocyte count and sub groups,Approach to patient with hematology malignancies,Blood transfusion, basic definitions and clinical features of endocrine problems,Anterior pituitary disorders of the adults,thyroid hormone synthesis and iodine deficiency,Vitamin D deficiency and osteoporosis,Hypoparathyroidism,Adrenal insufficiency,Diabetes mellitus 1,2,3,Acute and chronic complications of diabetes mellitus,Lipid disorders,,Obesity and metabolic syndrome,Hypoglycemia,,Diabetes İnsipitus,Hirsutizm ve PCOS,Origins of Secondary hypertension and pheohromocytoma,Introduction to geriatrics, evaluation of the senior patient,Basics of healthy nutrition,Food groups, nutritional Models,The relation between nutrition and health,Negative effects of insufficient and unbalanced nutrition,GERD, esophagitis and hiatal hernia,Esophageal motility disorders and achalasia,Gastritis and peptic ulcer,Upper and lower gastrointestinal bleeding,Inflammatory bowel disease,Functional bowel disease, malabsorption tests ,Other disease of malabsorption and tropical sprue,PHT,G.I. polyps and diverticular disease of intestine ,Symptoms of G.I. disease and diagnosis,Evaluation of the liver function tests,Ascites, clinical features and differential diagnoses,Biliary disorders,,Classification of cirrhosis,Complications of liver cirrhosis,Chronic viral hepatitis, ,Some sorts of liver cirrhosis, alcoholic liver disease and fatty liver,,Pancreatic function tests and pancreatitis 1, 2,Liver cancer,Biliary neoplasms,, pancreatic cancer,,Esophageal and gastric neoplasms,Colo-rectal neoplasms,Evaluation of kidney functions,Edema,,acute kidney failure,Production of urine and kidney functions,Renal tubular - interstitial diseases,Pregnancy and kidney functions,Basic features of glomerular disease,Cystic disease of the kidney,Rheumatologic disease of autoimmune origin,Systemic vasculitis,,Auto-inflammatory disease,,Arthritis,,arthritis of the spine, ,rheumatoid arthritis.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
<b>Teaching Methods</b>					
<b>Assessment Methods</b>					
<b>Lecture Schedule</b>					
Sequence	Topics	Preliminary Preparation			
1	Radiation oncology, cancer radiotherapy 1.2				
2	examination of the hematopoietic system, hematopoiesis 1.2				
3	Approach to patient with anemia 1, 2				
4	Approach to patient with bleeding and thrombotic disorders 1, 2				
5	Approach to patient with enlarged spleen, and enlarged lymph nodes and lymphoproliferative disease, 1, 2				
6	Approach to patient with leukocyte count and sub groups				
7	Approach to patient with hematology malignancies				
8	Blood transfusion				
9	basic definitions and clinical features of endocrine problems				
10	Anterior pituitary disorders of the adults				
11	thyroid hormone synthesis and iodine deficiency				
12	Vitamin D deficiency and osteoporosis				
13	Hypoparathyroidism				
14	Adrenal insufficiency				
15	Diabetes mellitus 1,2,3				
16	Acute and chronic complications of diabetes mellitus				
17	Lipid disorders,				
18	Obesity and metabolic syndrome				
19	Hypoglycemia,				
20	Diabetes İnsipitus				
21	Hirsutizm ve PCOS				
22	Origins of Secondary hypertension and pheohromocytoma				
23	Introduction to geriatrics, evaluation of the senior patient				
24	Basics of healthy nutrition				
25	Food groups, nutritional Models				
26	The relation between nutrition and health				
27	Negative effects of insufficient and unbalanced nutrition				
28	GERD, esophagitis and hiatal hernia				
29	Esophageal motility disorders and achalasia				
30	Gastritis and peptic ulcer				
31	Upper and lower gastrointestinal bleeding				

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<b>Lecture Schedule</b>		
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>
32	Inflammatory bowel disease	
33	Functional bowel disease	
34	malabsorption tests	
35	Other disease of malabsorption and tropical sprue	
36	PHT	
37	G.I. polyps and diverticular disease of intestine	
38	Symptoms of G.I. disease and diagnosis	
39	Evaluation of the liver function tests	
40	Ascites, clinical features and differential diagnoses	
41	Biliary disorders,	
42	Classification of cirrhosis	
43	Complications of liver cirrhosis	
44	Chronic viral hepatitis,	
45	Some sorts of liver cirrhosis	
46	alcoholic liver disease and fatty liver,	
47	Pancreatic function tests and pancreatitis 1, 2	
48	Liver cancer	
49	Biliary neoplasms,	
50	pancreatic cancer,	
51	Esophageal and gastric neoplasms	
52	Colo-rectal neoplasms	
53	Evaluation of kidney functions	
54	Edema,	
55	acute kidney failure	
56	Production of urine and kidney functions	
57	Renal tubular -interstitial diseases	
58	Pregnancy and kidney functions	
59	Basic features of glomerular disease	
60	Cystic disease of the kidney	
61	Rheumatologic disease of autoimmune origin	
62	Systemic vasculitis,	
63	Auto-inflammatory disease,	
64	Arthritis,	
65	arthritis of the spine,	
66	rheumatoid arthritis	
<b>Evaluation Methods</b>		<b>Weight(%)</b>
Midterm Exam		40
General Exam		60

<b>Resources</b>
Harrison Internal Medicine-TEXT BOOK
Uptodate DATABASE
Greenspan : basic and clinical endocrinology
slide presentations- PPTpower point presentation video presentation case discussion power point presentation video presentation case discussion