

Study program : MEDICINE
Type and level of studies: Integrated academic studies, Level 1/2
<b>Course unit: INTERNAL MEDICINE 1</b>
<b>Teacher in charge : Professor Natasa Zdravkovic, MD, DSc</b>
Language of instruction : ENGLISH
ECTS: 15
Prerequisites: Semi-completed course in internal medicine
Semester: SUMMER SEMESTER
<b>Course unit objective: Acquiring knowledge and skills in internal medicine.</b>
<p><b>Learning outcomes of Course unit:</b></p> <ul style="list-style-type: none"> <li>- Knowledge about medical treatment of the most prevalent cardiac and pulmonary disorders (e.g. stable angina, acute coronary syndrome, arterial hypertension, acute and chronic heart failure, asthma, chronic obstructive pulmonary disease, acute pulmonary embolism, pulmonary malignancy, tuberculosis, etc.).</li> <li>- Knowledge about medical prophylaxis of the most prevalent cardiac and pulmonary disorders in population.</li> <li>- Knowledge about clinically important adverse drug reactions and drug-drug interactions in internal medicine.</li> <li>- Knowledge about interpretation of laboratory, radiology and electrocardiographic findings.</li> <li>- Skills of patients examination and clinical interview in internal medicine</li> <li>- Skills of making appropriate drug choices and tailoring dosage regimens according to the needs of patients</li> </ul>
<p><b>Course unit contents</b></p> <p><i>Theoretical classes</i></p> <p>Internal medicine as a medical discipline. Basic of physical examination and clinical interview in internal medicine. Invasive and noninvasive test in cardiology and pulmology. Diagnosis and treatment of coronar artery diseases. Diagnosis and treatment of arterial hypertension. Diagnosis and treatment of myocarditis, pericarditis and endocarditis. Diagnosis and treatment of cardiomyopathy and heart failure. Diagnosis and treatment of congenital and acquired heart defects and reumatic fever. Diagnosis and treatment of heart rhythm disorders. Diagnosis and treatment of aorta and peripheral arteries and veins disorders. Examination of lung function. Diagnosis and treatment of asthma and chronic obstructive pulmonary disease. Diagnosis and treatment of acute pulmonary embolism. Diagnosis and treatment of pneumonia, tuberculosis and lung abscess. Diagnosis and treatment of interstitial lung diseases. Diagnosis and treatment of lung tumors. Clinically important adverse drug reactions and drug-drug interactions in internal medicine.</p> <p><i>Practical classes</i></p> <p>Principles of clinical interview in internal medicine. Principles of patient examination. Interpreting of laboratory, radiology and electrocardiographic findings. Principles tailoring dosage regimens according to a patient's needs. Discovering potential drug-drug and drug-food interactions. Causal interpretation of adverse events.</p>

**Literature**

Jameson JL, et al. Harrison's Principles of Internal Medicine, 20th edition, New York: McGraw Hill Education, 2018.

<b>Number of active teaching hours</b>				<b>Other classes</b>
Lectures: 90	Practice: 90	Other forms of classes:	Independent work: 250	
<b>Teaching methods: Lectures, practice in a clinic, clinical problems solving</b>				
<b>Examination methods (maximum 100 points)</b>				
<b>Exam prerequisites</b>	<b>No. of points:</b>	<b>Final exam</b>		<b>No. of points:</b>
Student's activity during lectures		oral examination		<b>40</b>
practical classes/tests	<b>60</b>	written examination		
Seminars/homework				
Project				
Other				

<b>Grading system</b>		
<b>Grade</b>	<b>No. of points</b>	<b>Description</b>
<b>10</b>	<b>91-100</b>	<b>Excellent</b>
<b>9</b>	<b>81-90</b>	<b>Exceptionally good</b>
<b>8</b>	<b>71-80</b>	<b>Very good</b>
<b>7</b>	<b>61-70</b>	<b>Good</b>
<b>6</b>	<b>51-60</b>	<b>Passing</b>
<b>5</b>	<b>&lt; 50</b>	<b>Failing</b>

**Course unit description**