

Study program : PHARMACY
Type and level of studies: Integrated academic studies, Level 1/2
<b>Course unit: CLINICAL PROPAEDEUTIC FOR PHARAMACISTS</b>
<b>Teacher in charge : Professor Natasa Zdravkovic, MD, DSc</b>
Language of instruction : ENGLISH
ECTS: 4
Prerequisites: Semi-completed course in internal medicine propaedeutic
Semester: SUMMER SEMESTER
<b>Course unit objective: Acquiring knowledge and skills in internal medicine propaedeutic.</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 internal medicine disorders (e.g. acute coronary syndrome, arterial hypertension, acute and chronic heart failure, asthma, chronic obstructive pulmonary disease, acute pulmonary embolism, anemia, diabetes mellitus, thyroid gland disorders, gastric ulcer, urinary infection, rheumatoid arthritis, anaphylaxis, etc.).</li> <li>- Knowledge about medical prophylaxis of the most prevalent internal medicine 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 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>Diagnosis and treatment of pneumonia, asthma, chronic obstructive pulmonary disease and acute pulmonary embolism. Diagnosis and treatment of arterial hypertension, acute and chronic heart failure and acute coronary syndroma. Diagnosis and treatment anemia. Diagnosis and treatment of thyroid gland disorders and diabetes mellitus. Differential diagnosis of abdominal pain and treatment of gastric and duodenal ulcers. Diagnosis and treatment of rheumatoid arthritis and osteoporosis. Diagnosis and treatment of anaphylaxis. Diagnosis and treatment of urinary infection. 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 and radiology 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>
<p><b>Literature</b></p> <p>Jameson JL, et al. Harrison's Principles of Internal Medicine, 20th edition, New York: McGraw Hill Education, 2018.</p>

<b>Number of active teaching hours</b>				<b>Other classes</b>
Lectures: 30	Practice: 60	Other forms of classes:	Independent work: 150	
<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		
practical classes/tests	<b>30</b>	written examination		<b>70</b>
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**