

Study program: Integrated Academic Studies in Pharmacy			
Course title: Pharmacotherapy			
Teacher: Aleksandar L. Rašković, Isidora N. Samojlik, Zdenko Tomić, Velibor Vasović, Olga J. Horvat, Saša N. Vukmirović, Boris Ž. Milijašević, Vesna M. Mijatović Jovin, Nebojša P. Stilinović			
Course status: elective			
ECTS Credits: 3			
Condition: -			
Course aim Introduce students to the basic principles and importance of pharmacotherapy.			
Expected outcome of the course The student should be able to provide therapy information to patients in order to advise on the choice of of the OTC drug. The student should be able to provide information on the proper use of the prescribed medication, their side effects and the procedure in case of an adverse reaction to the drug.			
Course description <i>Theoretical education:</i> Phases of clinical trials. Pharmacoepidemiology. Pharmacoeconomy. Pharmacovigilance. Pharmacotherapy during pregnancy. Pharmacotherapy during breastfeeding. Pharmacotherapy in respiratory infections. Optimal use of antibacterial drugs. Pharmacotherapy in urinary infections. Pharmacotherapy in ophthalmology. Pharmacotherapy in dermatology. <i>Practical education</i> Ethical aspects of clinical research; ethics of pharmacists. Interpretation of results of preclinical research - significance for clinical testing. Information for participants when conducting an academic and sponsored research – processing, presentation and discussion. Information on drugs - a comparison of information provided by pharmaceutical industry and independent information sources. Pharmacotherapy problems – processing a pharmacotherapy problem; presentation and discussion. Pharmacotherapy of depression. Pharmacotherapy of kidney failure. Pharmacotherapy of arterial hypertension. Pharmacotherapy of pain in the outpatient facilities. Pharmacotherapy of chronic bronchitis.			
Literature <i>Compulsory</i> 1. Brown MJ, Sharma P, Bennet PN, Mir FA: Clinical Pharmacology (12 th edition). London: Churchill Livingstone, 2018; 2. Rang HP, Dale MM, Ritter JM, Moore PK. Pharmacology (9 th edition). Elsevier, 2019; 3. Brenner GM, Stevens C. Pharmacology (5 th edition). Elsevier, 2017. <i>Additional</i> 1. Royal Pharmaceutical Society of Great Britain. British National Formulary 78. Royal Pharmaceutical Society, 2019.			
Number of active classes		Theoretical classes: 30	Practical classes: 15
Teaching methods Theoretical and practical			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	5	Written	40
Practices	15	Oral	-
Colloquium	40	Other	-