

Study program : INTEGRATED ACADEMIC STUDIES – MASTER OF PHARMACY				
Type and level of studies: Integrated academic studies, Level 1/2				
Course unit: CLINICAL PHARMACY II				
Teacher in charge: Assistant Professor Tamara Nikolic Turnic, PhD, MD.				
Language of instruction: ENGLISH				
ECTS: 6				
Prerequisites: Enrolled in the fourth year, the eight semester of integrated academic studies in pharmacy				
Semester: SUMMER SEMESTER				
Course unit objective: Clinical pharmacy as a health science discipline enabling to pharmacists to provide patient care that optimizes medication therapy and promotes health, and disease prevention. The practice of clinical pharmacy embraces the philosophy of pharmaceutical care, blending a caring orientation with specialized therapeutic knowledge, experience, and judgment to ensure optimal patient outcomes.				
Learning outcomes of Course unit:				
Clinical pharmacy II offers a mix of clinical, applied practice, public health and research units, giving you the knowledge and skills to be an excellent clinical pharmacist.				
Also, this course cover applied practice topics, including public health, pharmacy practice research, training others and organisational influences on healthcare.				
This course aims to help students to develop:				
<ul style="list-style-type: none"> • Knowledge that students will acquire after mastering the program: Advanced knowledge and understanding of the management of a range of acute and chronic conditions of gastrointestinal, cardiovascular, respiratory, urogenital, hematological system in adults and vulnerable population (children, pregnancy and breastfeeding); • Skills that students will acquire after mastering the program: skills in medicines optimization and the ability to communicate with a range of healthcare professionals to promote the appropriate use of medicines; skills in the critical evaluation of a range of health services literature. • Attitudes that students will acquire after mastering the program: Rational approach to the use of drugs; maximum caution when using drugs; responsibly behavior towards the social community; awareness of the limitations of one's own knowledge of drugs; thoughts about the future. 				
Course unit contents				
Theoretical classes: Clinical pharmacy in the health care system; Management of conditions of cardiovascular, respiratory, gastrointestinal, urogenital and hematological system; Management of acute and chronic infectious conditions; Management of various conditions in children and pregnant woman and during breastfeeding.				
Practical classes: Rational approach of using drugs that act on the receptors of the of cardiovascular, respiratory, gastrointestinal, urogenital and hematological system; Rational use of anti-inflammatory drugs; Rational use of drugs in pediatrics; Rational use of anti-inflammatory and neoplastic drugs.				
Literature				
<ul style="list-style-type: none"> • Katzung B, Trevor A. Basic & Clinical Pharmacology, 14th edition, 2018; McGraw-Hill Medical. • Clinical Pharmacy and Therapeutics. Cate Whittlesea & Karen Hodson, 6th edition, 2018; Elsevier Science. 				
Number of active teaching hours				Other classes
Lectures: 30	Practice: 15	Other forms of classes: 15	Independent work: 105	Study research work: 30
Teaching methods: Lectures, practice in a clinic, clinical problems solving				
Examination methods (maximum 100 points)				
Exam prerequisites	No. of points:	Final exam	No. of points:	
Student's activity during lectures	30	oral examination	70	
practical classes/tests		written examination		
Seminars/homework			
Project				
Other				

Grading system		
Grade	No. of points	Description
10	95-100	Excellent
9	85 – 94	Exceptionally good
8	75 – 84	Very good
7	65 – 74	Good
6	55 – 64	Passing
5	< 55	Failing

(Table 5.2) Course unit description