

Study program: Integrated academic studies of Pharmacy			
Type and level of the study program: integrated academic studies			
Course title: PHARMACEUTICAL PRACTICE (PhV-PRACT)			
Teacher: Svetlana S. Goločorbin-Kon, Mladena N. Lalić-Popović, Jelena N. Jovičić-Bata, Neda S. Gavarić, Nataša P. Milošević			
Course status: compulsory			
ECTS Credits: 2			
Condition: Pharmaceutical Chemistry II; Pharmacognosy II; Pharmaceutical Technology II; Special Pharmacology			
Course aim The information of the role and place of the pharmacist in the primary, secondary and tertiary level of the health protection system, drug lists and medical devices, adverse reactions and counterfeited drugs reporting. Introduction to administrative process for the pharmaceutical sector, the methods and principles of good practices in pharmacy.			
Expected outcome of the course: Pharmacy students will acquire knowledge about the principles in pharmaceutical health protection system activity that is a part of health care protection and health care system of Serbia.			
Course description <i>Theoretical education</i> <ol style="list-style-type: none"> 1. Defining and understanding the Health care system of Serbia 2. Essential list of drugs 3. Hospital and national drug lists 4. Public and hospital pharmacies as part of the Health care system of Serbia 5. The activities of the pharmacist in the daily practice of public pharmacy (planning, drugs supply, storage, dispensing) 6. Activities of the pharmacist in the daily practice of hospital pharmacy 7. Pharmaceutical products- groups, formulations and classifications 8. Medical devices and healthcare products (preventive, diagnostic, therapeutic and products for rehabilitation) 9. Dispensing of prescribed trade drugs, medical devices and OTC products 10. Financial calculations, refundations and associated administrative work 11. Compounding of magistral and galenic preparations in public and hospital pharmacy 12. Communication in pharmaceutical care (types and methods of establishment) 13. Patients counseling, pharmaceutical anamnesis, deposition of medical therapy errors 14. Reliable sources of information in pharmacy practice 15. Professional opportunities for employment of pharmacists <i>Practical education: exercises, other forms of education, research related activities</i> <ol style="list-style-type: none"> 1. Introduction to the essential list WHO and positive list of HF of the Republic of Serbia 2. Simulation of practice of pharmacists in public pharmacy 3. Simulation of practice of pharmacists in hospital pharmacy 4. Practical work with drug registers and therapeutic guidelines 5. Learning through practical work about the instructions for use of drugs that are intended for physicians and patients 6. Workshop - Simulation of prescribed and non-prescribed drugs dispensing 7. Workshop - Simulation of communication establishing with various types of patients (elderly, children, pregnant women...) 8. Workshop - Simulation of various types patients counseling (cancer patients, HIV, pregnant women, elderly, children...) 9. Workshop - Finding of various sources of information and assessment of their importance and significance by the students 10. Discussion about selected areas of pharmacy that students intend to practice 			
Literature <i>Compulsory</i> <ol style="list-style-type: none"> 1. Troy DB, Beringer P. Remington: the science and practice of pharmacy, 21th ed.. Lippincott Williams and Wilkins, 2008 <i>Additional</i> <ol style="list-style-type: none"> 1. Meldrum H. Interpersonal communication in pharmaceutical care. Pharmaceutical Products Press, 1994. 2. Smith MC, Wertheimer A. Social and Behavioral Aspects of Pharmaceutical Care, New York, London, Pharm. Products Press, 1996. 3. Anderson S. Making medicines, A Brief History of Pharmacy and Pharmaceuticals, 1st ed. Pharmaceutical Press, 2005. 			
Number of active classes			Other:
Lectures: 30	Practice: 30	Other types of teaching:	Research related activities:
Teaching methods Lectures, interactive classes, practical classes (workshops, case studies from pharmaceutical practice, simulation of prescription products dispensation, sourcing of calculations)			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	10	Written	50
Practices	10		
Colloquium	20		
Essay	10		