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| Study program: PHARMACY |
| Type and level of studies: Integrated academic studies, Level 1/2 |
| Course unit: PROFESSIONAL STUDENT PRACTICE |
| Teacher in charge: Professor Marina Tomovic, PhD, M.Pharm |
| Language of instruction: ENGLISH |
| ECTS: 12 |
| Prerequisites: Enrolled in the tenth block of integrated academic studies in pharmacy |
| Semester: SUMMER SEMESTER |
| <p>Course unit objective:</p> <p>Application of knowledge acquired during studies in pharmacy conditions. Acquiring communication skills with patients, colleagues and the healthcare public. Application of acquired knowledge in the field of pharmaceutical technology, pharmacology, pharmaceutical health care, regulations and professional regulations. Formation of personal attitude and responsibility towards work and professional public as well as towards users of health services.</p> |
| <p>Learning outcomes of Course unit:</p> <p>Upon completion of classes in the subject Professional Student Practise, students are expected to acquire basic knowledge:</p> <ul style="list-style-type: none"> • Under the supervision of a pharmacist, receive, record and store active and auxiliary substances in the galenic laboratory. • Conduct procurement and storage of medicines and medical resources. • Properly and timely develop a magistral drug. • Determine the correctness of the prescribed medication, dispense the appropriate medication, monitor and report side effects. • Conduct proper administrative data processing in the pharmacy. <p>At the end of the course in the subject Professional Student Practise, the student is expected to master the following skills:</p> <ul style="list-style-type: none"> • Build the ability to communicate with patients, colleagues in the pharmacy and doctors who prescribe therapy. • To properly and effectively use previously acquired knowledge when making decisions about individual therapy. • Ability to properly use professional literature. • Acquiring knowledge in the field of new drugs. • Ability to properly make a magistral drug. • Rational solution of practical problems in the pharmaceutical industry. • Interpretation of the rationality of the application of new therapeutic systems. |
| <p>Course unit contents</p> <p><i>Theoretical and practical classes</i></p> <p>MODULE 1- Performing practice in the laboratory. Production of magistral products.</p> <p>MODULE 2- Performing an internship in a pharmacy. Introduction to the literature of the pharmacy, working methods and keeping professional records of the pharmacy.</p> <p>MODULE 3- Performing practise in a pharmacy. Working with pharmacy users. Determining the accuracy of the prescribed therapy and issuing the same.</p> |

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| Literature | | | | |
| <ul style="list-style-type: none"> • Đurić Z., Pharmaceutical technology with biopharmacy, part I, textbook, Nijansa, Zemun, 2004. • Avdeef A., Absorption and Drug Development: Solubility, Permeability, and Charge State, John Wiley & Sons, Inc., 2003. • Katzung G. Bertram, Drug Therapy, London: Prentice-Hall International, 1991. • Jovanović M., Practicum in pharmaceutical technology with biopharmacy, part I, textbook for practical classes, Nijansa, Zemun, 2004. • Troy David, Remington — The Science and Practice of Pharmacy, Baltimore: Lippincot Williams and Wilkins, 2006. • Swabrick J, Boylan J. Encyclopedia of Pharmaceutical Technology, sec.ed., vol. 1-3, Marcel Dekker, New York, Basel, 2002. • Ansel Howard, Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems, Lippincot Williams & Wilkins, Phyladelphia, 1995. | | | | |
| Number of active teaching hours | | | | Other classes |
| Lectures: 30 | Practice: 45 | Other forms of classes: | Independent work: | |
| Teaching methods: Teaching is carried out in the form of lectures and work in small groups (PBL). | | | | |
| Examination methods (maximum 100 points) | | | | |
| Exam prerequisites | No. of points: | | Final exam | No. of points: |
| Student's activity during lectures | | | oral examination | |
| practical classes/tests | | | written examination | |
| Seminars/homework | | | | |
| Project | | | | |
| Other | | | | |
| Practice diary verification by the mentor. Practice diary certified by the teacher. The subject is assessed as passed or not passed | | | | |
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