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| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | | **Faculty of Medicine** | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | Integrated Academic Studies of Pharmacy | | |
| Study Module (if applicable) | | | |  | | |
| Course title | | | | Pharmaceutical Chemistry of Organic Compounds I | | |
| Level of study | | | | Bachelor  Master’s  Doctoral | | |
| Type of course | | | | Obligatory  Elective | | |
| Semester | | | | Autumn Spring | | |
| Year of study | | | | III | | |
| Number of ECTS allocated | | | | 9 | | |
| Name of lecturer/lecturers | | | | Assoc. Prof. Dr. Andrija Šmelcerović, Assist. Prof. Dr. Jelena Živković,  Assist. Prof. Dr. Predrag Džodić | | |
| Teaching mode | | | | Lectures Group tutorials  Individual tutorials  Laboratory work  Project work  Seminar  Distance learning  Blended learning  Other | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| *Upon completion of this course the student will be able to:*  *- demonstrate the knowledge of chemical structure, obtaining, action, relationship of chemical structure and biological activity, as well as biotransformation of antiinfective drugs, antineoplastic drugs, drugs acting on the respiratory tract, anti-allergic drugs, drugs acting on the gestrointestinal tract, myorelaxants, vitamins, and diagnostic agents;*  *- use practical knowledge and skills related to the identification, separation, assessment of purity and synthesis of organic biologically active compounds.* | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| **Functional groups and nomenclature of organic pharmaceutical compounds.**  **Antiinfective drugs, antineoplastic drugs, drugs acting on the respiratory tract, anti-allergic drugs, drugs acting on the gestrointestinal tract, myorelaxants, vitamins, and diagnostic agents.**  **Introduction to the method of drug design.**  **Practical knowledge and skills related to identification, separation, assessment of purity and synthesis of organic pharmacologically active substances.** | | | | | | |
| **LANGUAGE OF INSTRUCTION** | | | | | | |
| Serbian (complete course)  English (complete course)  Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)  Serbian with English mentoring Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | |
| **ASSESSMENT METHODS AND CRITERIA** | | | | | | |
| **Pre exam duties** | **Points** | | **Final exam** | | | **points** |
| **Activity during lectures** | **5** | | **Written examination** | | | **40** |
| **Practical teaching** | **15** | | **Oral examination** | | | **Elective** |
| **Teaching colloquia** | **40** | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |