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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 II | | |
| Level of study | | | | Bachelor  Master’s  Doctoral | | |
| Type of course | | | | Obligatory  Elective | | |
| Semester | | | | Autumn Spring | | |
| Year of study | | | | III | | |
| Number of ECTS allocated | | | | 8 | | |
| Name of lecturer/lecturers | | | | Assoc. Prof. Dr. Andrija Šmelcerović, Assist. Prof. Dr. Jelena Živković, Assist. Prof. Dr. Predrag Džodić, Mr. Marko Denić | | |
| Teaching mode | | | | Lectures Group tutorials  Individual tutorials  Laboratory work  Project work  Seminar  Distance learning  Blended learning  Other | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| *After successfully mastered course Pharmaceutical chemistry of organic compounds II, students are expected to:*  *- acquire theoretical knowledge about chemical structure, obtaining, action, association of chemical structure with biological activity, as well as biotransformation of hormones and drugs acting on the nervous and cardiovascular system;*  *- use practical knowledge about volumetric determination, determination of the degree of purity, synthesis, identification, and structural determination of organic biologically active compounds.* | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| **Hormones.**  **Drugs acting on the nervous system.**  **Drugs acting on the cardiovascular system.**  **Practical knowledge and skills related to volumetric measurement, measurement of purity, synthesis, identification, and structural determination of organic biologically active compounds.** | | | | | | |
| **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** | | | | | | |