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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 [x]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [ ]  Autumn [x] 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 |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [x] 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** |
| [x] Serbian (complete course) [x]  English (complete course) [ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)[x] 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** |