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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 | | | | Botany | | |
| Level of study | | | | ☐Bachelor **☐ Master’s** ☐ Doctoral | | |
| Type of course | | | | **☐ Obligatory** ☐ Elective | | |
| Semester | | | | ☐ Autumn **☐Spring** | | |
| Year of study | | | | 1st (the first year of study) | | |
| Number of ECTS allocated | | | | 7 ECTS | | |
| Name of lecturer/lecturers | | | | Jelena Matejić, PhD - Assistant professor | | |
| Teaching mode | | | | **☐Lectures** **☐Group tutorials** ☐ Individual tutorials  ☐Laboratory work ☐ Project work ☐ Seminar  ☐Distance learning ☐ Blended learning **☐ Other (Field teaching)** | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| * Learning about the basic morphological, anatomical, physiological, and ecological properties of plants; * Understanding and use of the rules of systematisation of plants; * Learning about the properties of groups of plants and particular, selected types of medicinal plants; * Use of literature and data bases in botany; * Use of acquired knowledge of botany in the issues of medicinal and other usable plants | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| * Position and role of plants in the contemporary system of classification of living organisms. Levels of organisation of plants. * Fundamental characteristics of a plant cell. Chemical composition of a plant cell; * Structure of a plant cell; * Plant tissues: meristemic tissues; * Parenchymal tissues. Mechanical tissues. Conductive tissues and conductive bundles. Secretory plant structures; * Plant organs. Embryonal development of plants. Root; * Sprout. Trunk. Trunk metamorphoses; * Leaf. Photosynthesis. Transpiration. Leaf metamorphosis; * Reproduction of plants; * Structure of the flower. | | | | | | |
| **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** | | | **26** |
| **Practical teaching** | **15** | | **Oral examination** | | | **40** |
| **Teaching colloquia** | **14** | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |