|  |
| --- |
|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Sciences and MathematicsDepartment of Biology and Ecology |
| **GENERAL INFORMATION** |
| Study program  | Biology |
| Study Module (if applicable) | / |
| Course title | Basics of Plant Ecology |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [ ]  Autumn [x] Spring |
| Year of study  | third |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Vladimir Ranđelović |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [x] Laboratory work [ ]  Project work [ ]  Seminar [ ] Distance learning [ ]  Blended learning [x]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Acquiring knowledge on the environmental influences on growth, development and distribution of plants. Upon completion of this course, students should be able to demonstrate an understanding of how biotic and abiotic factors affect the abundance and distribution of plants in natural communities. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The influence of abiotic ecological factors (light, temperature, water and moisture, air and wind, soil) on the growth and development of plants. Plant adaptations to different environmental conditions. The Raunkier’s classification of plant life forms. The classification of plants by water need. The classification of plants by different soil types. Biotic ecological factors and interactions between plants and other living things.  |
| **LANGUAGE OF INSTRUCTION** |
| [x] 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** | **Practical examination** | **10** |
| **Practical teaching** | **10** | **Oral examination** | **30** |
| **Teaching colloquia** | **45** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |