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|  **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 | Stress physiology in plants |
| Level of study | ☐Bachelor ☒ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☒ Elective |
| Semester  |  ☐ Autumn ☒Spring |
| Year of study  | Second  |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Dragana Stojičić |
| Teaching mode |  ☒Lectures ☐Group tutorials ☐ Individual tutorials ☒Laboratory work ☐ Project work ☒ Seminar ☐Distance learning ☐ Blended learning ☒ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Understanding the impact of various stress factors (biotic, abiotic and anthropogenic) on the physiological processes in plants. Getting acquainted with the processes of resistance and tolerance to stress, as well as indicators of the degree of stress. Understanding the mechanisms of adaptation and resistance of plants |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Theoretical knowledge of the basic principles of operation of various stress factors on plants and their resistance mechanisms and ways to overcome stressful conditions. Knowledge to recognize and measure the degree of stress which the plants are exposed. Ability to work independently in physiological laboratories and application of knowledge in practice. |
| **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** | **/** | **Written examination** | **20** |
| **Seminar** | **20** | **Oral examination** | **40** |
| **Teaching colloquia** | **20** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |