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| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | |  | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | **Computer Science** | | |
| Study Module (if applicable) | | | | Software Development | | |
| Course title | | | | Didactics of Programming | | |
| Level of study | | | | ☐Bachelor **☐ Master’s** ☐ Doctoral | | |
| Type of course | | | | ☐ Obligatory **☐ Elective** | | |
| Semester | | | | **☐ Autumn** ☐Spring | | |
| Year of study | | | | I | | |
| Number of ECTS allocated | | | | 7 | | |
| Name of lecturer/lecturers | | | | Vesna Veličković | | |
| Teaching mode | | | | **☐Lectures** **☐Group tutorials** ☐ Individual tutorials  **☐Laboratory work** **☐ Project work** ☐ Seminar  ☐Distance learning ☐ Blended learning ☐ Other | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| *Training for educational work in the field of programming and introduction to programming languages that are taught in school.* | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| **The objectives of teaching of programming. Algorithmic thinking. Systematization of thinking. Basics of programming language that is taught in school. Methodology of lecturing of programming. Typical student's mistakes. Planning of time and teaching material. Working with different age groups. Working with talented students.** | | | | | | |
| **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** |
| **Practical teaching** | **40** | | **Oral examination** | | | **40** |
| **Teaching colloquia** |  | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |