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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** |  |
| **GENERAL INFORMATION** |
| Study program  | Mathematics |
| Study Module (if applicable) | General mathematics |
| Course title |  Teaching mathematics |
| Level of study | ☐Bachelor x Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory x Elective |
| Semester  | X Autumn ☐Spring |
| Year of study  | Second |
| Number of ECTS allocated | 7.5 |
| Name of lecturer/lecturers | Prof. Snežana Ilić  |
| Teaching mode | x Lectures x Group tutorials x Individual tutorials☐Laboratory work ☐ Project work x Seminar☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Students get familiar with the general principles of teaching and prepared for work in primary and secondary schools.The students adopt general didactic concepts, principles and laws of the teaching process and get skills for an independent schoolwork. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The following topics are covered: scope and methodology of teaching mathematics, scientific methods in teaching mathematics, the teaching process - didactic principles and teaching methods, definition of mathematical concepts methodology of introduction and study of theorems, mathematical induction, a mathematical tasks, teaching class, types of teaching classes, lesson’s planning - annual and thematic, preparing teachers for teaching class, independent homework student assignments, testing and assessing students' knowledge, objectives and organization of teaching and teaching practice, student’s tasks during practice, recommendations for the preparation, implementation and analysis of a teaching class. |
| **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** | **10** | **Written examination** | **30** |
| **Practical teaching** | **30** | **Oral examination** | **30** |
| **Teaching colloquia** |  | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |