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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of natural science and mathematics |
| **GENERAL INFORMATION** |
| Study program  | **MAS** |
| Study Module (if applicable) | Professor of chemistry |
| Course title | Methodology of chemistry teaching II |
| Level of study | [ ] Bachelor [x]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [ ]  Autumn [x] Spring |
| Year of study  | second |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | 1. Methodology of chemistry teaching
2. Methodology of scientific research
3. Investigational teaching method
4. Teaching methods according to the source of knowledge
5. Material conditions for process of lecturing
6. The classes of chemistry teaching
7. 1.test term
8. The main didactical principles
9. The structure of chemistry classes
10. Plan and programme, elementary school
11. Plan and programme, secondary school
12. The teacher preparation, global preparation
13. The teacher preparation, thematic and lecture preparation
14. 2.test term
15. Additional test term
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| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [ ] Laboratory work [x]  Project work [x]  Seminar [ ] Distance learning [ ]  Blended learning [ ]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)****The main purpose of the course is introduction of students with theoretical and practical base of chemistry teaching, as well as the introduction with didactical principles and methodology.** |
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| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)****The methodical principles and methodology of chemistry teaching are discussed, as well as the basic conditions for normal teaching process in chemistry. Also, the analysis of primary and secondary school programs is presented and theacher̉̉ s global, thematic and lectur preparation.** |
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| **LANGUAGE OF INSTRUCTION** |
| [ ] Serbian (complete course) [x]  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** | **25** |
| **Practical teaching** | **20** | **Oral examination** | **25** |
| **Teaching colloquia** | **20** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |