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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | **Faculty of Philosophy** |
| **GENERAL INFORMATION** |
| Study program  | **Philosophy** |
| Study Module (if applicable) |  |
| Course title | Introduction to Logic II |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [ ]  Autumn [x] Spring |
| Year of study  | I |
| Number of ECTS allocated | 7 |
| Name of lecturer/lecturers | Biljana Radovanović |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [ ] Laboratory work [ ]  Project work [ ]  Seminar [ ] Distance learning [ ]  Blended learning [ ]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *The aim of this course is to provide students with basic knowledge and skills from the traditional logic, as well as with some well-known problems, critics and objections to that logic, and its further developments. Final purpose of this course is to provide students with full understanding of the starting points in contemporary logic, which developed from the radical objections to the traditional view.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **These are the main topics of the course:**1. Inference, traditional theory of inference and the types of inferences. 2. Immediate inference, based on: logical square of oppositions, conversion, obversion, contraposition. 3. Mediate inference. Categorical syllogism: elements, figures and modes. 4. General rules for validity of categorical syllogism (axioms and theorems). 5. Special theorems for validity of categorical syllogism 6. The existential fallacy: contemporary theory of syllogism validity and Russell’s theory of descriptions. 7. Other types of mediate deductive inference: hypothetical and disjunctive syllogism, polysyllogism, enthymeme, sorites. 8. Non-deductive inference. 9. Types of induction. 10. Induction and probability. 11. The problem of induction. 12. Analogy and Analogical Reasoning. 13. Abduction and abductive reasoning. 14. Logical fallacies. 15. The status of logical principles. |
| **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** |  |
| **Practical teaching** | 20 | **Oral examination** | 70 |
| **Teaching colloquia** |  | **OVERALL SUM** | 100 |
| **\*Final examination mark is formed in accordance with the Institutional documents** |