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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 | Philosophy of Science and Technology |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [ ]  Obligatory [x]  Elective |
| Semester  |  [x]  Autumn [ ] Spring |
| Year of study  | III |
| Number of ECTS allocated | 5 |
| 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)** |
| DescriptionPresenting fundamental distinctions of philosophy of science as a discipline, through historical and problem-oriented relationship between philosophy and science. Other big questions deal with positioning of philosophy of science and the most essential solutions concerning the sense of science itself, its methodicalness, and importance in the light of its practical performances in tele-technology of our world. AimA student should be able to recognise and determine the basic questions regarding science and its practical, technical aspect. Assessing the role which scientific knowledge and technics play in human world as man’s utter dependence on science and technology, thus questioning their sense. Providing prospective theoretical solutions for core issues. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| LecturesPhilosophy and science, historical and problem-oriented approach. Types of philosophies of science. Philosophy of science today. A precursor of logical positivism – empiricism and positivism. Fundamentals of logical positivism. Absurdity of metaphysics. Physicalism and idea of a unified science. Linguistic overturn or three phases of logical positivism. Critique of logical positivism (Russell, Hanson, S. Toulmin, C. Popper). Orman Quine – two dogmas of empiricism. Paul Feyerabend. Naturalism in philosophy of science. Phenomenological approach to science (Brentano, Husserl, N. Hartmann). Martin Heidegger – The Age of the World Picture. Student tutorials, other forms of instructions, study research workAnalysis of the more important philosophical texts in the field of philosophy of science and technology. |
| **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** | **20** | **Written examination** |  |
| **Student tutorials** | **20** | **Oral examination** | **45** |
| **Seminar essay** | **15** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |