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| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | | **Faculty of Philosophy** | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | Pedagogy | | |
| Study Module (if applicable) | | | | Module I – Pedagogy and Module II – Social Pedagogy | | |
| Course title | | | | **METHODOLOGY OF EDUCATIONAL RESEARCH** | | |
| Level of study | | | | Bachelor  Master’s  Doctoral | | |
| Type of course | | | | Obligatory  Elective | | |
| Semester | | | | Autumn Spring | | |
| Year of study | | | | 1 | | |
| Number of ECTS allocated | | | | 6 | | |
| Name of lecturer/lecturers | | | | Jelena Ž. Maksimović | | |
| Teaching mode | | | | Lectures Group tutorials  Individual tutorials  Laboratory work  Project work  Seminar  Distance learning  Blended learning  Other\*  \* Lectures, exercises, discussions, tutorials and research. In addition to the analysis of literature and discussions of certain methodological issues, students analyse and solve methodological problems on specific examples of practical research (individual and group work). | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| **The aim of the course:** Introduction to basic theoretical and methodological problems of pedagogical science and training to critically evaluate different points of view of its subject and method, the ways and possibilities of learning and research in the field of education; learning about logical-epistemological foundations, characteristics, types and research opportunities in the field of education, training students for independent design and implementation of research in this area; referring to information systems and databases in / on pedagogy; training for critical and ethical approach to scientific and professional literature; to notice, assess, research, interpret and apply the obtained pedagogical knowledge in the real, pedagogical environment; to enable students to further deepen their methodological knowledge and continue their studies at higher levels of education.  **Course Outcomes:** Competences for planning, programming and conducting research in the field of education and upbringing, competence for implementation and creative application of research results into practice, the ability of critical and ethical observing of scientific and professional literature; Application of methodological knowledge in the project design and implementation of empirical analytical research; Introduction to the basic epistemological and methodological orientations in pedagogy. | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| **Contents**  *Theory study*  Methodology: subject of study. Epistemological and methodological characteristics of cognition in pedagogy. Characteristics and types of pedagogic facts. Nature and possibilities of establishing laws in the social sciences and pedagogy. Pluralism of the research paradigms in pedagogy (methodological paradigms and their philosophical assumptions). Ethical specifics of the pedagogic research. Quantitative and qualitative research in pedagogy. Pedagogical experiment. The nature and types of measurements - the classification in quantitative research. The specifics and range of certain types of research (action, evaluation, ethnographic, systemic-structural, theoretical study, historical study, comparative research, participatory research, descriptive and causal research). Case study. Discourse analysis. The variables and indicators in educational research. Population and sample. Possibilities of application of certain methods of research: content analysis, systematic observation, interviews, surveys, testing, scaling and sociometry. Characteristics and design of basic types of instruments. Metric characteristics of the instruments. New tendencies in the development of methodology of social sciences and pedagogical methodology.  *Practical teaching*  Designing the research project; designing and constructing research instruments; selecting and justifying the sample; creating a plan for data collection and processing; Making research reports and presentation of the results obtained; Evaluation of research projects and research results and their presentation. | | | | | | |
| **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** | | | **40** |
| **Practical teaching** | **/** | | **Oral examination** | | | **20** |
| **Teaching colloquia** | **/** | | **Independent translation of scientific papers’ excerpts** | | | **20** |
|  |  | | **Research project** | | | **20** |
|  |  | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |