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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | **Faculty of Sport and Physical Education** |
| **GENERAL INFORMATION** |
| Study program  | **Doctoral Academic Studies, Sports Science** |
| Study Module (if applicable) |  |
| Course title | Research methodology |
| Level of study | ☐Bachelor ☐ Master’s ☒ Doctoral |
| Type of course | ☒ Obligatory ☐ Elective |
| Semester  | ☒ Autumn ☐Spring |
| Year of study  | First |
| Number of ECTS allocated | 12 |
| Name of lecturer/lecturers | Dragana Berić, Ph.D, full professor; Nenad Stojiljković, Ph.D, assistant professor |
| Teaching mode | ☒Lectures ☐Group tutorials ☐ Individual tutorials☐Laboratory work ☒ Project work ☐ Seminar☐Distance learning ☐ Blended learning ☒ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Studnets will be able to understand and explain the basics of research methodology in the field of sport and physical education. They will be able to understand the logic of scientific research and apply the acquired knowledge in writing scientific papers and master thesis.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **Introduction to research in sport and physical education. Ethics in scientific research. Qualitative and quantitative research, experimental and non-experimental research (Causal-comparative research, descriptive studies, correlation studies, historical research). The setting of the problem and the use of literature. The conceptualization of scientific research. Methods of measurement and data processing, Descriptive statistics, Statistical and measurement concepts of scientific research, Distribution of data, research effects, relations, intergroup differences, non-parametric techniques, metric characteristics, A meta-analysis. Quantitative methods. Completion of the research process and ways of publishing research. Design research, Hypothesis, Research methods, Interpretation of the results obtained, Generating conclusions.** |
| **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** |
| **Theory** | **10** | **Theory examination** | **40** |
| **Colloquium**  | **15** |  |  |
| **Seminar paper** | **20** |  |  |
| **Interactive teaching** | **5** |  |  |
| **Study research work** | **10** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |