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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty** | Pedagogical Faculty in Vranje |
| **GENERAL INFORMATION** |
| Study program  | Technical Education and Informatics |
| Study Module (if applicable) | / |
| Course title | Teaching Research Methods |
| Level of study | ☐Bachelor ☒ Master’s ☐ Doctoral |
| Type of course | ☒ Obligatory☐ Elective |
| Semester  | ☒ Autumn ☐Spring |
| Year of study  | Fifth |
| Number of ECTS allocated | 7 |
| Name of lecturer/lecturers | Stojanović, V. Siniša |
| Teaching mode | ☒Lectures ☒Group tutorials ☒ Individual tutorials☐Laboratory work ☐ Project work ☐ Seminar☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The aim of the course: to enable students to scientific and methodological competently formulate research problem, collecting relevant information and empirical data, interpreting them in the form of research reports.Training for writing of final master work and the acquisition of knowledge and skills necessary for further professional training and professional education.Outcome: students have the knowledge and skills to collect scientific information and relevant empirical data, their statistical processing, analysis and interpretation in the form of research reports. Students have a positive attitude towards active investigative approach to teaching and teaching practice and further professional development. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Theoretical classes: Types of scientific and professional papers; Criteria for the selection of research topics; preparations for making bibliographic work; types and carriers of scientific information; recording of excerpts from scientific sources;measuring instruments and their characteristics; statistical methods in data processing; electronic data processing;structure of scientific papers; interpretation of research results; language and style of scientific work; evaluation of scientific and professional work; preparation of manuscripts for the press; presentation of results at scientific meetings; Ethics of scientific work.Independent research work:Analysis of reference literature; preparation of bibliographies; collection and production of measuring instruments;determine the psychometric characteristics of the instruments; prepares methodological studies; implementation of research; application of statistical methods appropriate to the type and characteristics; writing research reports;argumentation of the obtained research findings; writing studies with the use of modern educational technology;presentation of results; simulation defense work; simulation exposure scientific meeting; group discussion after the presentation; preparation of manuscripts for the press. |
| **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** | **10** | **Written examination** |  |
| **Practical teaching** | **10** | **Oral examination** | **40** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |