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| **UNIVERSITY OF NIŠ** | | | | | | |
| **Course Unit Descriptor** | | **Faculty** | | | **Faculty of Sport and Physical Education** | |
| **GENERAL INFORMATION** | | | | | | |
| Study program | | | | **Basic Professional studies, Sport – distance learning** | | |
| Study Module (if applicable) | | | |  | | |
| Course title | | | | Basics of sports statistics and computing | | |
| Level of study | | | | Bachelor professional  Master’s  Doctoral | | |
| Type of course | | | | Obligatory  Elective | | |
| Semester | | | | Autumn Spring | | |
| Year of study | | | | Third | | |
| Number of ECTS allocated | | | | 3 | | |
| Name of lecturer/lecturers | | | | Saša Veličković, Ph.D, associate professor | | |
| Teaching mode | | | | Lectures Group tutorials  Individual tutorials  Laboratory work  Project work  Seminar  Distance learning  Blended learning  Other | | |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** | | | | | | |
| *Upon the completion of all course required obligations students will be able to administer the procedure of data gathering and independent selection of statistical methods and procedures for the analysis and processing of measurement data, their valid realization and interpretation. They will also be able to present the research findings and present them by means of the adequate applicative program.* | | | | | | |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** | | | | | | |
| **Theory: Statistical research. Statistical survey and results presentation. Basic concepts of measurements (measurement, object of measurement, subject of measurement, measurer, measuring scales, measuring instruments ), design and validation of measuring instruments, basic metric characteristics. Processing and analysis of data and results: concept and division of the statistical methods, descriptive statistics, determination of statistical significance, significance of differences, correlation. Statistics procedure. Practicals: Use of statistical softwares and interpretation of results, Applicative programs (for text processing, for work with tables, for the presentation of data and information. Basics of informatics (hardware and software), Communications and networks, Security. Statistical reports in individual and collective sports.** | | | | | | |
| **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** | **5** | | **Oral examination** | | | **40** |
| **Practicals** | **5** | |  | | |  |
| **Colloquium 1** | **30** | |  | | |  |
| **Seminar paper** | **10** | |  | | |  |
| **Interactive teaching** | **10** | | **OVERALL SUM** | | | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** | | | | | | |