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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Economics |
| **GENERAL INFORMATION** |
| Study program  | **Business Management** |
| Study Module (if applicable) | Tourism Management |
| Course title | Statistics |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [ ]  Autumn [x] Spring |
| Year of study  | First |
| Number of ECTS allocated | 7 |
| Name of lecturer/lecturers | Vera ĐorđevićVinko LepojevićVesna Janković-Milić |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [ ] Laboratory work [ ]  Project work [ ]  Seminar [ ] Distance learning [ ]  Blended learning [x]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *The aim of the course is to make the participants acquainted with basic statistical ideas and methods. Specifically, the course aims to motivatestudents to develop an intrinsic interest in statistical thinking and instill the belief that Statistics is important for scientific research.**After mastering the course students will be able to apply fundamental statistical methods and independently implement simple statistical studies in economics and business.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| *Methods of descriptive analysis, random variables and their distribution, statistical inference, analysis of variance, chi-square test, statistical process control, simple linear regression and correlation, multiple regression and correlation, dynamic analysis.* |
| **LANGUAGE OF INSTRUCTION** |
| [x] Serbian (complete course) [ ]  English (complete course) [ ]  Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)[x] 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** | **20** |
| **Practical teaching** | **10** | **Oral examination** | **30** |
| **Teaching colloquia** | **20** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |