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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | Faculty of Economics |
| **GENERAL INFORMATION** |
| Study program  | **Economics** |
| Study Module (if applicable) | Accounting, Auditing and Financial Management |
| Course title | Statistical Quality Control |
| Level of study | [ ] Bachelor [x]  Master’s [ ]  Doctoral |
| Type of course | [ ]  Obligatory [x]  Elective |
| Semester  |  [x]  Autumn [ ] Spring |
| Year of study  | First |
| Number of ECTS allocated | 5 |
| Name of lecturer/lecturers | Vera ĐorđevićVinko LepojevićVesna Janković-Milić |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [ ] Laboratory work [x]  Project work [ ]  Seminar [ ] Distance learning [ ]  Blended learning [ ]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Mastering the logic of statistical thinking in the process of quality control.**Current knowledge and skills in constructing and interpreting control charts, interpretation of other tools in statistical process control, the use of appropriate software packages, independently implement simple statistical research in economics and business.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| *The concept and importance of quality, Quality costs, Statistical process control, Statistical tools for quality control, Sample planing for quality control, Logic and types of control charts, Cost aspect of control charts construction, Statistical analysis of process reliability and capability.* |
| **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** |  |
| **Practical teaching** | **10** | **Oral examination** | **50** |
| **Teaching colloquia** | **20** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |