|  |
| --- |
|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  | [**Faculty of Sciences and Mathematics**](http://wpresspmf.pmf.ni.ac.rs/?lang=en) |
| **GENERAL INFORMATION** |
| Study program  | Geography |
| Study Module (if applicable) | Geography |
| Course title | Business Statistics |
| Level of study | ☐Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☐ Elective |
| Semester  |  ☐ Autumn ☐Spring |
| Year of study  | The third year |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Miroslav Ristić |
| Teaching mode |  **☐**Lectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work ☐ Seminar ☐Distance learning ☐ Blended learning ☐ Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| The course aimsMastering knowledge of statisticsoutcomeAdvanced data analysis method of statistics |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| Contentstheoretical studyDotted estimates of numerical characteristics: Sampling quintiles. Mere labor grouping data. Sampling coefficients of kurtosis. Correlation coefficientconfidence intervalsBinomial distribution. Poisson distribution. Confidence intervals Nonparametric tests: Smirnov Test. Test characters. Test steps. test rankingsAnalysis of dispersion: one-factor problem. Two-factor problem to a simple sample. Two-factor problem on a sample with repetitionAnalysis of the spatial distribution of pointsMeasures of central tendency. Testing the spatial distribution of pointsPractical teachingDirect work with students, defining and solving related problems in relation to theoretical instruction |
| **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** | **5** | **Written examination** |  |
| **Practical teaching** | **15** | **Oral examination** | **40** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |