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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  |  |
| **GENERAL INFORMATION** |
| Study program  | **Geography** |
| Study Module (if applicable) |  |
| Course title | Informatics |
| Level of study | [x] Bachelor [ ]  Master’s [ ]  Doctoral |
| Type of course | [x]  Obligatory [ ]  Elective |
| Semester  |  [ ]  Autumn [x] Spring |
| Year of study  | 1 |
| Number of ECTS allocated | 7 |
| Name of lecturer/lecturers | Milan Bašić/Zorana Jančić |
| Teaching mode |  [x] Lectures [ ] Group tutorials [ ]  Individual tutorials [ ] Laboratory work [ ]  Project work [ ]  Seminar [ ] Distance learning [ ]  Blended learning [ ]  Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| *Acquiring basic knowledge in the field of computer science (computer literacy). Introduction to software tools for word processing and spreadsheet scientific calculations.* |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| The development of computers, basic concepts, functions of computers, computer organization, binary number system, processor, primary computer memory, RAM, ROM, secondary magnetic memory, secondary optical memory, peripherals, software, system software, operating systems, algorithms, word processing, spreadsheet data, scientific calculations and visualization, simulations and games, databases, multimedia, Interntet, computer networks, communication software, Internet address, access to the Internet, Internet protocols, HTML, World Wide Web, Internet services. |
| **LANGUAGE OF INSTRUCTION** |
| [x] 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** |  | **Oral examination** | **40** |
| **Teaching colloquia** | **50** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |