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|  **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 | Physics |
| Level of study | ☐Bachelor ☐ Master’s ☐ Doctoral |
| Type of course | ☐ Obligatory ☐ Elective |
| Semester  |  ☐ Autumn ☐Spring |
| Year of study  | The first year |
| Number of ECTS allocated | 6 |
| Name of lecturer/lecturers | Jasmina Jeknić Dugić |
| 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 aimsThe aim of the course is to expand the base of knowledge in the field of physics for a better understanding of physical phenomena and concepts related to the study program GeographyoutcomeThe ability to use the acquired knowledge for the interpretation of many geographical concepts in their studies and in his professional career. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| ContentsTheoretical classes:Introduction to Physics for geographers.Basic elements of mechanicsElements of fluid mechanicsThe electromagnetic phenomenaoptical phenomenaPhysical phenomena in the microPractical teachingLaboratory classes related to the content of lectures, written report on the performed exercises and output test. |
| **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** | **10** | **Written examination** |  |
| **Practical teaching** | **20** | **Oral examination** | **70** |
| **Teaching colloquia** |  | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |