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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 | **Environmental Protection** |
| 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 | **9** |
| Name of lecturer/lecturers | **Tatjana Djekic** |
| 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 aimsAcquiring theoretical and practical knowledge in the field of environment. Introduce students to the causes and ways of environmental pollution and modern methods of prevention techniques and possibilities for protection and remediation of pollution. Introduction and study of international rules of conduct in the field of environment.OutcomeStudents will be able to detect and identify general and specific phenomena and environmental problems and their integral view; qualified for the sustainable resolution of environmental problems; able to understand the basic principles of environmental regulation at the international and national level; trained in teamwork and knowledge transfer.** |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| **ContentsTheoretical classes:Definitions, basic principles and history of the study of environmental protection. The significance of anthropogenic factors on pollution and environmental protection. Air pollution. Protection of air pollution. Pollution of water. Protection of water against pollution. Soil contamination. Protection of land from pollution. Radioactive pollution and protection. Food production and the environment. Noise and noise protection. Alternative energy. Analysis of biodiversity. Analysis of geological diversity. The processes and waste materials; characterization and classification of waste; hazardous waste management. The system for monitoring environmental pollution (monitoring system). Analysis and evaluation of ecological risk. Revitalization and reclamation of the environment. Sustainable development and new environmental technologies. Prospects of maintaining the global balance in nature. Legislation and international instruments on the protection of the environment. National Parks. Nature Reserves. Protected species. The state of the environment in Serbia.Practical teaching:Study research workTraining for the application of modern analytical equipment and software (with the creation of seminar papers and projects, search the Internet and others. Databases). Getting to know the scope and legal competencies of institutions engaged - fully or partially - the protection of the environment. Introduction to the methods of quality assessment and evaluation of environmental risk** |
| **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** | **55** |
| **Practical teaching** | **10** | **Oral examination** | **45** |
| **Teaching colloquia** | **40** | **OVERALL SUM** | **100** |
| **\*Final examination mark is formed in accordance with the Institutional documents** |