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| Course: | **Natural Resources Management** |
| Course id: 3ООП8И56 |
| Number of ECTS: 6 |
| Teacher: | Ph.D. Sima Belić (Teacher), Ph.D. Andjelka Belić (Teacher), MSc. Milica Vranešević (Assistant) |
| Course status | Elective |
| Number of active teaching classes (weekly) |
| Lectures: 2 | Practical classes: 2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal

The aim of the course is to provide students the basic knowledge of the natural resources, their importance, their interdependencies and the measures to protect them from the aspect of a organic agriculture. |
| 1. Educational outcomes

Students will gain knowledge in the field of natural resource management in terms of organization and implementation of organic agriculture in our country. |
| 1. Course content

Theory lessonsNatural resources as complex systems - definitions, divisions, their importance, their interdependence and measures for their protection. Fundamentals of Ecology, the characteristics of ecosystems and ecological interdependence. Environmental impact assessment, Classification of impact assessment, methods and techniques of evaluation. The impacts of different activities (agriculture, industry, urbanization, transport ...) to: -Air (atmospheric composition, air pollution, air quality monitoring)-Land (erosion by wind and water)-Water (Water Quality and factors influencing changes in quality, pollutants-division and characteristics pollution monitoring and technical measures to protect water, water classification for various purposes, irrigation water quality)Vegetation, biodiversity, the consequences of biodiversity loss. The system of land use in our country, water use - issues and principles. Methods and instruments for implementing the national policy of conservation natural resources.Practical classes:The exercises focus on the development of examples of good management of natural resources, example of environmental impact assessments with considering the implementation of existing legislation. |
| 1. Teaching methods

Lectures, presentations generated by computer. |
| Knowledge evaluation |
| Pre-examination obligations | Mandatory | Points | Final exam | Mandatory | Points |
| Lecture attendance | Yes | 5 | Oral part of the exam | Yes | 60 |
| Test | Yes | 20 |  |
| Exercise attendance | Yes | 5 |
| Term paper | Yes | 10 |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | N. Miljković | Reclamation soil science (in Serbian) | University of Novi Sad, Faculty of Agriculture, Department of Water Management and PWC Vode Vojvodine, Novi Sad | 2005 |
|  | I. Molnar, D. Milošev | Agroecology (in Serbian) | University of Novi Sad, Faculty of Agriculture | 1995 |
|  |  | UNDP RBEC, Guide to good governance in the field of environment |  | 2003 |
|  | D. Veselinović et al. | Condition and processes in the environment | Faculty of Physical Chemistry, Belgrade | 1995 |

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| Znak univerziteta | UNIVERSITY OF NOVI SADFACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme AccreditationUNDERGRADUATE ACADEMIC STUDIES ORGANIC AGRICULTURE |
| Table 5.2 Course specification |