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| Course: | **SUSTAINABLE LAND RECLAMATION** |
| Course id: 7MUV9O01 |
| Number of ECTS: 6 |
| Teacher: | Ph.D. Sima Belić |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures: 3 | Practical classes: 2 | Other teaching types: | Study research work: | Other classes: |
| Precondition courses | None |
| 1. Educational goal

Introduction to basic principles of sustainability, the possibilities of applying the principles of sustainability in land reclamation, adapting the existing situation to needs of sustainable reclamation area. |
| 1. Educational outcomes

Enabling students to introduce the principles of sustainability and land reclamation issues as a result should provide better conditions for agricultural production and environmental protection. |
| 1. Course content

Consideration and recording of exploitation properties machine aggregates related to technical, technical - economic, energy, maneuvering, agrotehnologycal, ergonomic and other exploitation characteristics agricultural machinery and processing equipment. Getting to know the process of planning and organization of work in order to optimize performance in certain agrotechnical operations and implementation of land reclamation. Introduction to the methods of water quality control, learning the ways of the records of pumping stations, exploring the way of developing project documentation. |
| 1. Teaching methods

Lectures, Practical classes, Consultations, research work |
| Knowledge evaluation |
| Pre-examination obligations | Mandatory | Points | Final exam | Mandatory | Points |
| Lecture attendance | No |  | Oral part of the exam | Yes | 60 |
| Test | No |  |  |
| Exercise attendance | Yes | 20 |
| Term paper | Yes | 20 |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  | Belić S. et al. | Sustainable Land Reclamation | University of Novi Sad, Faculty of Agriculture and “Vode Vojvodine” | 2007 |
|  | Miljković N. | Reclamation Soil Science | University of Novi Sad, Faculty of Agriculture, Department of Water Management | 2005 |
|  | Molnar I., Milošev D. | Agroecology | University of Novi Sad, Faculty of Agriculture | 1995 |
|  | Velašević V., Đorović M., Letić Lj. | Environmental aspects of preservation, development and protection of forest water catchments | University of Belgrade, Faculty of Forestry | 2002 |
|  | Belić S. et al. | Usability of water for irrigation | University of Novi Sad, Faculty of Agriculture, Department of Water Management | 2011 |

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