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| Course: | EROSION CONTROL |
| Course id: |
| Number of ECTS: |
| Teacher:  | Savic B. Radovan, full professor |
| 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

A better understanding of the basic principles of soil and water erosion processes, conservation methods and erosion control. |
| 1. Educational outcomes

The students should be able to identify, recognize and solve problems of soil and water erosion, control metods and measures. |
| 1. Course content

Soil and water degradation processes. Water and wind erosion. Soil erosion, causes and effects. Factors affecting erosion. Soil erosion research methods. Erosion prediction models. Sediment origin and properties. Mechanical composition, basic chemical properties, hazardous matters and compounds. Nonpoint source pollution (transport mechanisms, contamination) and role of erosion processes. The impact of erosion on the soil, water and agricultural environment. The basic principles of conservation of soil and water. Technical, agrotechnical and biotechnical conservation measures. Conservation management strategies. Legislation. |
| 1. Teaching methods

Lectures, Consultations |
| Knowledge evaluation (maximum 100 points) |
| Pre-examination obligations | Mandatory | Points | Final exam (izabrati) | Mandatory | Points |
| Lecture attendance | No |  | Oral part of the exam | Yes | 50 |
| Test | No |  |  |
| Exercise attendance | No |  |
| Term paper | Yes | 50 |
| Literature  |
| Ord. | Author | Title | Publisher | Year |
|  |  | Internet |  |  |
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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 |