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| Course: | River engineering |
| Course id: |
| Number of ECTS: |
| Teacher:  | Savic B. Radovan, full professor |
| Course status | Mandatory |
| Number of active teaching classes (weekly) |
| Lectures: 4 | 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 river processes, river engineering and flood control measures. |
| 1. Educational outcomes

On successful completion of this subject, the students should be able to identify, recognize and solve problems of river engineering and flood control. |
| 1. Course content

Basic characteristics of natural watercourses. Concepts, terms and definitions in the river engineering. Review of river engineering Motives and Objectives. Data collection, processing and analysis. Alluvial processes. River morphology. River hydraulics. Sediment transport. River engineering structures. Flood control. Environmental Impact. Assessment of river engineering. |
| 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 - WATER MANAGEMENT  |
| Table 5.2 Course specification |