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| Course: | | ***Irrigation Systems*** | | | | | | | | |
| Course id: 3ОUV8О31 | |
| Number of ECTS: 6 | |
| Teacher: | | PhD Atila F. Bezdan | | | | | | | | |
| Course status | | Mandatory | | | | | | | | |
| Number of active teaching classes (weekly) | | | | | | | | | | |
| Lectures: 3 | | Practical classes:3 | | | Other teaching types: | | Study research work: | | Other classes: | |
| Precondition courses | | None | | | | | | | | |
| 1. Educational goal   To familiarize students with the theoretical foundations and practice in a field of Irrigation Systems. | | | | | | | | | | |
| 1. Educational outcomes   After passing the exam, students will have asufficientknowledge of designingirrigation systems, which will enable them to better solve problems related to agronomic practices. | | | | | | | | | | |
| 1. Course content   Introduction, purpose, significance and irrigation needs; Basic concepts, technical terms, agronomic requirements during irrigation; The methods of irrigation; Machines for irrigation; Surface irrigation, modern design and modernization of surface irrigation; Sprinkler irrigation systems; Subsurface irrigation; Localized irrigation systems (drip irrigation, pulse irrigation). | | | | | | | | | | |
| 1. Teaching methods   Lectures, Practice/ Practical classes, Consultations, Research work | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | Points | | Final exam (izabrati) | | Mandatory | | Points |
| Lecture attendance | | | Yes | 10 | | *Theoretical part of the exam/Oral part of the exam/Written part of the exam-tasks and theory* | | Yes | | 30 |
| Test | | | Yes | 30 | |  | | | | |
| Exercise attendance | | | Yes | 10 | |
| *Ovde se mogupojaviti i kolokvijumi i seminarski rad (npr. Test, Term paper)* | | | Yes | 20 | |
| Literature | | | | | | | | | | |
| Ord. | Author | | Title | | | Publisher | | | | Year |
|  |  | |  | | |  | | | |  |
|  | FAO irrigation papers, http://www.fao.org/ | | | | | | | | | |

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|  | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 |  |
| Study Programme Accreditation  UNDERGRADUATE ACADEMIC STUDIES *Water Management* |
| Table 5.2 Course specification | | |