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| Course: | | **IRRIGATION EQUIPMENT** | | | | | | | | |
| Course id: 3ОУВ7И51 | |
| Number of ECTS: 6 | |
| Teacher: | | Ph.D. Sima S. 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   Introducing students to the basics of construction and use of irrigation equipment | | | | | | | | | | |
| 1. Educational outcomes   Enabling students to work on the operation and maintenance of irrigation equipment | | | | | | | | | | |
| 1. Course content   Theory lessons  Terms of introducing irrigation. Irrigation techniques, properties of water sources and water intake, amount and usability of irrigation water. Surface irrigation: spillover, immersion, furrows. The underground irrigation. Irrigation: stationary and mobile; portable rainy wings, side skirts rain, sectoral units, rotary wing rainy. Wide devices with pivot and restart. Nozzles, types and possibilities of use for irrigation. Pumps, drive motors, filters, hoses. Equipment Irrigation, type, equipment selection, application possibilities. Equipment for drip irrigation, species selection equipment, application possibilities.  Practical classes  Creating graphic works that include a choice of irrigation equipment for the given conditions in large and small plots and in different conditions of production | | | | | | | | | | |
| 1. Teaching methods   Lectures, Practical classes, Consultations | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | Points | | Final exam | | Mandatory | | Points |
| Lecture attendance | | | No |  | | Oral part of the exam | | Yes | | 100 |
| Test | | | No |  | |  | | | | |
| Exercise attendance | | | No |  | |
| Literature | | | | | | | | | | |
| Ord. | Author | | Title | | | Publisher | | | | Year |
|  |  | | Internet | | |  | | | |  |
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| Znak univerziteta | UNIVERSITY OF NOVI SAD  FACULTY OF AGRICULTURE 21000 NOVI SAD, TRG DOSITEJA OBRADOVIĆA 8 | Znak fakulteta2 |
| Study Programme Accreditation  UNDERGRADUATE ACADEMIC STUDIES *WATER MANAGEMENT* |
| Table 5.2 Course specification | | |