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| Course: | | **WATER SUPPLY** | | | | | | | | |
| Course id: | |
| Number of ECTS: **5** | |
| Teacher: | | **Jasmina Josimov-Dundjerski** | | | | | | | | |
| 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   The goal of this course is to introduce the student with water supply problems. Special emphasis will be on the designing. | | | | | | | | | | |
| 1. Educational outcomes   On successful completion of this subject, the students should:  1) be able to understand and critically analyze problems in water supply  2) be able to use the acquired knowledge in its own research work or in practice | | | | | | | | | | |
| 1. Course content   **Synopsis.** (Sources of Supply; Quality of Water; Elements of a System)  **Requisites of a Supply. Quality**.  **Requisites of a Supply. Quantity**.  **Sources of Supply.** (Rainfall; Surface-water; Rivers and Lakes; Groundwater)  **Gravity Systems.**  **Pumping Systems.**  **Hydraulics.**  **Purification of Water.**  **Pumping and Pumping-engines.**  **Designing.**  **Supervision and Measurement of Work.**  **Practical Construction.** (Wells; Distribution Systems; Reservoirs…) | | | | | | | | | | |
| 1. Teaching methods   Consultations, research work | | | | | | | | | | |
| Knowledge evaluation (maximum 100 points) | | | | | | | | | | |
| Pre-examination obligations | | | Mandatory | Points | | Final exam | | Mandatory | | Points |
| Lecture attendance | | | No |  | | *Written part of the theory* | | Yes | | **50** |
| Test | | | No |  | |  | | | | |
| Exercise attendance | | | No |  | |
| *Term paper* | | | Yes | **50** | |
| Literature | | | | | | | | | | |
| Ord. | Author | | Title | | | Publisher | | | | Year |
|  | - | | **Textbooks in water supply engineering** | | | - | | | | - |

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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 | | |