|  |  |
| --- | --- |
| 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 supply2) 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** | - | - |

|  |  |  |
| --- | --- | --- |
| 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 |