

Field of study: Civil Engineering

| Level of education | Term | Semester | Course code | Course title | L | C | Lab | P | ECTS |
|--------------------|--------|----------|---------------|--|----|----|-----|----|------|
| first cycle | winter | 1 | B1-1-106 | Methods of computer aided design 1 | | | 30 | | 2 |
| first cycle | winter | 1 | B1-1-103 | Building materials | 15 | | 30 | | 3 |
| first cycle | winter | 3 | B1-3-305a | Transport engineering | 15 | | 30 | 30 | 6 |
| first cycle | winter | 3 | B1-3-307 | Concrete works technology | 15 | | | 15 | 2 |
| first cycle | summer | 4 | B1-4-410a | History of urban planning | 30 | | | | 2 |
| first cycle | summer | 4 | B1-4-406 | Mathematical statistics | 15 | 15 | | | 2 |
| first cycle | summer | 4 | B1-4-411a | Special technologies of highway engineering | 15 | | | 15 | 2 |
| first cycle | winter | 5 | B1-5-510a | Strength of materials selected issues | 15 | | | | 2 |
| first cycle | winter | 5 | B1-5-501a | Computational methods in structural mechanics 1 | 15 | | | 30 | 3 |
| first cycle | summer | 6 | B1-6-KB-608 | Principles of dynamics and stability of structures | 15 | | | 30 | 3 |
| first cycle | summer | 6 | B1-6-604 | Fundamentals bridge design | 15 | | | 15 | 2 |
| first cycle | summer | 6 | B1-6-605b | Buildings Diagnostics and Maintenance | 15 | | | 15 | 2 |
| first cycle | summer | 6 | B1-6-BD-608 | Road construction technology | 30 | | 30 | 30 | 5 |
| first cycle | summer | 6 | B1-6-TiOB-610 | Durability of buildings and structures | 15 | | | 15 | 2 |
| first cycle | winter | 7 | B1-7-M-706 | Bridge maintenance | 15 | | | 30 | 3 |
| first cycle | winter | 7 | B1-7-BD-707 | Road maintenance | 30 | | 15 | 15 | 4 |

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|--------------------|--------|----------|---------------|--|----|----|-----|----|------|
| second cycle | summer | 1 | B2-1-KB-212 | Concrete structures: selected issues | 15 | | | 15 | 2 |
| second cycle | summer | 1 | B2-1-KB-207 | Composite materials 2 | 30 | | | | 1 |
| second cycle | summer | 1 | B2-1-BD-206 | Road pavement structures | 30 | | | 30 | 3 |
| second cycle | summer | 1 | B2-1-BD-204 | Technology of road materials | 30 | | 30 | | 5 |
| second cycle | winter | 2 | B2-2-TiOB-008 | Analysis of structural failures | 30 | | | | 2 |
| second cycle | winter | 2 | B2-2-KB-009 | Safety and reliability of structural systems | 30 | | | 15 | 3 |
| second cycle | winter | 3 | B2-3-BD-303 | Modernization and rehabilitation of road pavements | 15 | 15 | | 15 | 2 |