

Faculty of Civil Engineering

Erasmus+ contact: Ing. arch. Peter Krušínský, PhD.

☎ + 421-41-513 5707; ✉ peter.krusinsky@fstav.uniza.sk

Faculty Website: svf.uniza.sk/index.php/en/#

Bc. Degree

Winter Semester

| Code | Course Title | Study programme | ECTS | Department | Language |
|--------|--|-------------------|------|-------------------|----------|
| 41C101 | Building Materials | Civil Engineering | 5 | UNIZA, SvF, KSKM | English |
| 41C102 | Descriptive Geometry | Civil Engineering | 4 | UNIZA, SvF, KSMA | English |
| 41C103 | Geology | Civil Engineering | 5 | UNIZA, SvF, Kgt | English |
| 41C104 | Mathematics 1 | Civil Engineering | 7 | UNIZA, SvF, KSMA | English |
| 41C105 | Urban Planning 1 | Civil Engineering | 4 | UNIZA, SvF, KPSU | English |
| 41C106 | Civil Chemistry | Civil Engineering | 3 | UNIZA, SvF, KSKM | English |
| 41C107 | Mathematical Seminar 1 | Civil Engineering | 2 | UNIZA, SvF, KSMA | English |
| 41C301 | Foreign Language 1 | Civil Engineering | 2 | UNIZA, ÚCV | English |
| 41C302 | Geomechanics | Civil Engineering | 6 | UNIZA, SvF, KGt | English |
| 41C303 | Chapters of Building Structures 1 | Civil Engineering | 5 | UNIZA, SvF, KPSU | English |
| 41C304 | Statics of Structures 2 | Civil Engineering | 5 | UNIZA, SvF, KSMA | English |
| 41C305 | Strength and Elasticity 1 | Civil Engineering | 6 | UNIZA, SvF, KSMA | English |
| 41C306 | Principle of Design of Structures | Civil Engineering | 4 | UNIZA, SvF, KSKM | English |
| 41C307 | Engineering Networks | Civil Engineering | 3 | UNIZA, SvF, KPSU | English |
| 41C501 | Economy in Building Industry 1 | Civil Engineering | 5 | UNIZA, SvF, KTMS | English |
| 41C502 | Engineering Geology 1 | Civil Engineering | 5 | UNIZA, SvF, KGt | English |
| 41C503 | Railway Engineering 1 | Civil Engineering | 5 | UNIZA, SvF, KŽSTH | English |
| 41C504 | Road Engineering 1 | Civil Engineering | 5 | UNIZA, SvF, KCS | English |
| 41C505 | Transport Engineering 1 | Civil Engineering | 5 | UNIZA, SvF, KCS | English |
| 41C506 | Semestral Project of Concrete Structures and Steel S | Civil Engineering | 2 | UNIZA, SvF, KSKM | English |
| 41C507 | CAD 2 | Civil Engineering | 2 | UNIZA, SvF, KCS | English |
| 41C508 | Masonry Structures 1 | Civil Engineering | 5 | UNIZA, SvF, KSKM | English |
| 41C509 | Geodesy 2 | Civil Engineering | 5 | UNIZA, SvF, KGd | English |

| | | | | | |
|------------------------|---|------------------------|-------------|----------------------|-----------------|
| 41C510 | Timber Structures 1 | Civil Engineering | 5 | UNIZA, SvF, KSKM | English |
| Summer Semester | | | | | |
| Code | Course Title | Study programme | ECTS | Department | Language |
| 41C201 | Hydromechanics and Hydrology | Civil Engineering | 5 | UNIZA, SvF, KGt | English |
| 41C202 | Mathematics 2 | Civil Engineering | 7 | UNIZA, SvF, KSMA | English |
| 41C203 | Physics | Civil Engineering | 5 | UNIZA, EF | English |
| 41C204 | Statics of Structures 1 | Civil Engineering | 7 | UNIZA, SvF, KSMA | English |
| 41C205 | Mathematical Seminar 2 | Civil Engineering | 2 | UNIZA, SvF, KSMA | English |
| 41C206 | Physical Seminar | Civil Engineering | 2 | UNIZA, EF | English |
| 41C207 | Urban Planning 2 | Civil Engineering | 4 | UNIZA, SvF, KPSU | English |
| 41C401 | Concrete Structures 1 | Civil Engineering | 5 | UNIZA, SvF, KSKM | English |
| 41C402 | Foreign Language 2 | Civil Engineering | 3 | UNIZA, ÚCV | English |
| 41C403 | Foundation of Structures 1 | Civil Engineering | 5 | UNIZA, SvF, KGt | English |
| 41C404 | Terrain Practice | Civil Engineering | 1 | UNIZA, SvF, KGd | English |
| 41C405 | Special Practice Bc. | Civil Engineering | 1 | UNIZA, SvF | English |
| 41C406 | Steel Structures 1 | Civil Engineering | 5 | UNIZA, SvF, KSKM | English |
| 41C407 | Geodesy 1 | Civil Engineering | 5 | UNIZA, SvF, KGd | English |
| 41C408 | Environment Protection and Safety and Protection a | Civil Engineering | 2 | UNIZA, SvF, KCS | English |
| 41C409 | CAD 1 | Civil Engineering | 2 | UNIZA, SvF, KŽSTH | English |
| 41C410 | Computer Programming 1 | Civil Engineering | 3 | UNIZA, SvF, KGt | English |
| 41C411 | Hydrotechnical Structures | Civil Engineering | 5 | UNIZA, SvF, KGt | English |
| 41C601 | Bridges | Civil Engineering | 5 | UNIZA, SvF, KSKM | English |
| 41C602 | Construction Preparation and Management | Civil Engineering | 5 | UNIZA, SvF, KTMS | English |
| 41C603 | Semestral Project of Road Engineering and Railway E | Civil Engineering | 2 | UNIZA, SvF, KCS/K | English |
| 41C604 | Construction of Technologies 1 - Building Engines an | Civil Engineering | 5 | UNIZA, SvF, KTMS | English |
| 41C605 | Bachelor's Dissertation and Thesis | Civil Engineering | 6 | UNIZA, SvF, | English |
| 41C606 | Compulsatory Subject of Final | Civil Engineering | 3 | UNIZA, SvF | English |
| 41C607 | Optional Subject of Final Examination | Civil Engineering | 3 | UNIZA, SvF | English |
| 41C608 | Law of Civil Engineering 1 | Civil Engineering | 3 | UNIZA, SvF, KCS | English |
| 41C609 | Railway Engineering 2 | Civil Engineering | 5 | UNIZA, SvF, KŽSTH | English |
| 41C610 | Road Engineering 2 | Civil Engineering | 5 | UNIZA, SvF, KCS | English |

MsC. Degree

Winter Semester

| Code | Course Title | Study programme | ECTS | Department | Language |
|--------|---|------------------------------|------|-------------------|----------|
| 41A101 | Applied Mathematics | Civil Engineering Structures | 5 | UNIZA, SvF, KSMA | English |
| 41A104 | Strength and Elasticity 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KSMA | English |
| 41A330 | Foundation of Structures 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KGt | English |
| 41A102 | Engineering Geology 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KGt | English |
| 41A106 | Concrete Structures 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A108 | Transportation Engineering 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KCS | English |
| 41A112 | Steel Structures 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A117 | Designing, Construction and Rekonstruction of Railw | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A118 | Mechanics of Pavements | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A126 | Railway Transport Technology | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A130 | Finite Methods of Mechanics | Civil Engineering Structures | 5 | UNIZA, SvF, KSMA | English |
| 41A132 | CAE | Civil Engineering Structures | 2 | UNIZA, SvF, | English |
| 41A139 | Railway Track and Stations Constructions 1 | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A301 | EIA - Environmental Impact Assessment | Civil Engineering Structures | 4 | UNIZA, SvF, KCS | English |
| 41A312 | Quality Management | Civil Engineering Structures | 5 | UNIZA, SvF, KTMS | English |
| 41A336 | Reconstruction and Maintenance of Transport Buidi | Civil Engineering Structures | 5 | UNIZA, SvF, | English |
| 41A339 | Semestral Project of Engineering Structures and Tra | Civil Engineering Structures | 2 | UNIZA, SvF, | English |
| 41A120 | Airports | Civil Engineering Structures | 5 | UNIZA, SvF, KTMS | English |
| 41A123 | Steel and Concrete Composite Structures | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A304 | Transport Construction Management System | Civil Engineering Structures | 5 | UNIZA, SvF, KTMS | English |
| 41A305 | Management of Experiments | Civil Engineering Structures | 4 | UNIZA, SvF, | English |
| 41A308 | Urban Engineering | Civil Engineering Structures | 5 | UNIZA, SvF, KCS | English |
| 41A310 | Urban Tracks | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A313 | Underground Constructions 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KGt | English |
| 41A314 | Steel Bridges 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A315 | Concrete Bridges 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |

| | | | | | |
|--------|---|------------------------------|---|-------------------|---------|
| 41A325 | Dynamics of Transport Structures | Civil Engineering Structures | 5 | UNIZA, SvF, KSMA | English |
| 41A329 | Technology and Mechanization of Track Works | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A354 | Designing, Construction and Rekonstruction of Railw | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A355 | Urban Roads 1 | Civil Engineering Structures | 5 | UNIZA, SvF, KCS | English |

Summer Semester

| Code | Course Title | Study programme | ECTS | Department | Language |
|--------|---|------------------------------|------|-------------------|----------|
| 41A201 | Underground Buildings 1 | Civil Engineering Structures | 5 | UNIZA, SvF, KGt | English |
| 41A209 | Concrete Bridges 1 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A214 | Steel Bridges 1 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A223 | Special Practice Ing. | Civil Engineering Structures | 1 | UNIZA, SvF | English |
| 41A234 | Dynamics of Structures | Civil Engineering Structures | 5 | UNIZA, SvF, KSMA | English |
| 41A238 | Special Excursion Ing. | Civil Engineering Structures | 1 | UNIZA, SvF, KCS | English |
| 41A241 | Semestral Project of Engineering Structures and Tra | Civil Engineering Structures | 2 | UNIZA, SvF | English |
| 41A212 | Stability and Plasticity of Structures | Civil Engineering Structures | 5 | UNIZA, SvF, KSMA | English |
| 41A218 | Designing, Construction and Rekonstruction of Railw | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A219 | Diagnostics of Road Constructions | Civil Engineering Structures | 4 | UNIZA, SvF, KCS | English |
| 41A224 | Engineering Geodesy | Civil Engineering Structures | 5 | UNIZA, SvF, KGd | English |
| 41A226 | Planning and Modeling of Traffic Infrastructure | Civil Engineering Structures | 5 | UNIZA, SvF, KCS | English |
| 41A228 | Reliability of Structures | Civil Engineering Structures | 3 | UNIZA, SvF, KSKM | English |
| 41A232 | Experimental Analysis | Civil Engineering Structures | 4 | UNIZA, SvF, KSMA | English |
| 41A237 | Statics of Structures 3 | Civil Engineering Structures | 5 | UNIZA, SvF, KSMA | English |
| 41A249 | Railway Track and Stations Constructions 2 | Civil Engineering Structures | 5 | UNIZA, SvF, KŽSTH | English |
| 41A403 | Management of Investment Projects | Civil Engineering Structures | 5 | UNIZA, SvF, KTMS | English |
| 41A404 | Master's Dissertation and Thesis Defense | Civil Engineering Structures | 9 | UNIZA, SvF, | English |
| 41A414 | Economy of Civil Engineering | Civil Engineering Structures | 5 | UNIZA, SvF, KTMS | English |
| 41A416 | Special Discourse | Civil Engineering Structures | 3 | UNIZA, SvF, | English |
| 41A402 | Personal Management | Civil Engineering Structures | 4 | UNIZA, SvF, KTMS | English |
| 41A406 | Intelligent Transport Systems | Civil Engineering Structures | 5 | UNIZA, SvF, KCS | English |
| 41A407 | Law of Civil Engineering 2 | Civil Engineering Structures | 3 | UNIZA, SvF, KCS | English |

| | | | | | |
|--------|--------------------|------------------------------|---|-------------------|---------|
| 41A409 | Concrete Bridges 3 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A413 | Steel Bridges 3 | Civil Engineering Structures | 5 | UNIZA, SvF, KSKM | English |
| 41A452 | Combined Transport | Civil Engineering Structures | 3 | UNIZA, SvF, KŽSTH | English |