FACULTY OF CIVIL ENGINEERING AND ARCHITECTURE

- Courses from the Bachelor's degree programme ARCHITECTURE
- Courses from the Bachelor's degree programme CIVIL ENGINEERING
- Courses from the Master's degree programme ARCHITECTURE
- Courses from the Master's degree programme CIVIL ENGINEERING

Courses from the Bachelor's degree programme ARCHITECTURE

Course code	Course title	ECTS Credits	Semester
H310B123	History of architecture	6	autumn
P175B158	Computer-Aided Architectural Design 1	3	autumn
T150B216	Materials in architectural solutions	3	autumn
T240B129	Typology of Occupants	3	autumn
T150B217	Innovative materials	3	autumn
T240B128	Architectural Experiment 2	12	autumn
T230B202	Structural Solutions of Public Buildings	6	autumn
S240B104	Architectural Experiment 3	12	autumn
H312B120	Sustainable Architecture	3	autumn
H313B104	Critical Analysis of Architecture	6	autumn
T240B131	Joint Project	3	autumn
H312B103	Theory of architecture	6	spring
H312B012	Architectonic development 1	12	spring
P175B159	Computer-Aided Architectural Design 2	3	spring
T240B013	Typology of Spaces	3	spring
T220B129	Engineering Systems of Buildings	3	spring
T240B130	Architectonic Development 2	12	spring
S110B103	Spatial Legislation	3	spring
T230B189	Economics of Spatial Decisions	3	spring

***Important note!**
Some courses will be offered only if a sufficient number of students register for the course.

Courses from the Bachelor's degree programme CIVIL ENGINEERING

Course code	Course title	ECTS Credits	Semester
T230B713	Engineering Graphics	6	autumn
P130B001	Mathematics 1	6	autumn
P190B101	Physics 1	6	autumn
P160B003	Theory of Probability and Statistics	6	autumn
T220B114	Basics of Fluid Mechanics	3	autumn
T230B133	Building Materials and Basics of Material Science	6	autumn
T230B502	Structural Mechanics 1	6	autumn
T230B158	Sustainable Safety in Construction	3	autumn
T230B016	Reinforced Concrete and Masonry Structures 1	3	autumn
T220B005	Bases and Foundations 1	3	autumn
T190B117	Smart Electrical Systems of Buildings	3	autumn
T230B112	Construction Technology and Organization	6	autumn
T230B121	Manufacturing Technology of Building Products and Structures	6	autumn
T230B166	Equipment of Construction Industry	6	autumn
PR00B157	Complex Co-work	6	autumn
T220B120	Basics of Urbanism and Transport Structures	6	autumn
T500B002	Human Safety	3	autumn
T230B165	Special Buildings Construction	3	autumn
S190B377	Fundamentals of Enterprises Management	6	autumn
S110B034	Building Regulations	3	spring
S180B101	Construction Economics	3	spring
P190B503	Engineering Mechanics of Materials	9	spring
P130B002	Mathematics 2	6	spring
P515B101	Engineering Geodesy and Training Practice	6	spring
T240B124	Basics of Spatial Modeling	3	spring
P190B104	Building Physics	6	spring
T220B007	Soil Mechanics	3	spring
T220B612	Engineering Systems of Buildings	6	spring
T230B159	Metal and Timber Structures 1	3	spring
T240B125	Architecture and Structures of Buildings	6	spring
T150B215	Innovative Building Materials and Products	6	spring
T230B153	Waste Management and Recycling Technology	3	spring
T230B167	Information Modelling of Manufacturing of Construction Products	9	spring

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Courses from the Master's degree programme ARCHITECTURE

Course code	Course title	ECTS Credits	Semester
K100M101	Critical Analysis of Architecture	6	autumn
T240M004	Normalization and Ergonomic of Lodgement	6	autumn
T250M035	Methods of Scientific and Applied Research	6	autumn
K110M635	Economics and Management of Architectural Design	6	autumn
T240M363	Computer-Aided Design of Building Complex	6	autumn
S240M010	Urban theory	6	autumn
T250M034	Environmental Impact Assessment	6	spring
S240M101	Urban Sociology	6	spring
H314M010	Protection of Cultural heritage	6	spring

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Courses from the Master's degree programme CIVIL ENGINEERING

Course code	Course title	ECTS Credits	Semester
T230M145	Advanced Concrete Technologies	6	autumn
T230M147	Advanced Reinforced Concrete Structures	6	autumn
T230M149	Methodology of Scientific Research	6	autumn
T230M425	Research Methods of Building Products and Structures	6	autumn
T230M143	Innovation in Building Products Technology	6	autumn
T230M134	Research of reliability and strengthening of building structures	6	spring
T230M135	Durability and Life Cycle of the Structure	6	spring
T210M009	Finite Element Method	6	spring
T230M010	Quality Management in Construction	6	spring

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