

FACULTY OF CIVIL ENGINEERING AND ARCHITECTURE	<ul style="list-style-type: none"> ▪ Courses from the Integrated 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 STRUCTURAL AND BUILDING PRODUCTS ENGINEERING
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**Courses from the Integrated programme
ARCHITECTURE**

Course code	Course title	ECTS Credits	Semester
P175B164	Computer-Aided Architectural Design 1	3	autumn
T150B216	Architectural Materials	3	autumn
T150B217	Innovative Materials	3	autumn
T230B202	Structural Solutions of Public Buildings	6	autumn
T240B128	Architectural Experiment 2	12	autumn
T240B129	Typology of Occupants	3	autumn
H312B122	Sustainable Architecture	6	autumn
T240B134	Architectural Experiment 3	12	autumn
T240B136	Joint Project	6	autumn
S240M104	Urban Planning 1	12	autumn
S240M105	History of Urbanism	6	autumn
S240M106	Space Syntax	6	autumn
H310B123	History of Architecture	6	spring
H310B012	Architectonic Development 1	12	spring
P175B159	Computer-Aided Architectural Design 2	3	spring
T230B120	Structures of Dwelling Houses	3	spring
H313B103	Theory of Architecture	6	spring
T220B129	Engineering Systems of Buildings	3	spring
T240B013	Typology of Spaces	3	spring
T240B130	Architectonic Development 2	12	spring
H313B104	Critical Analysis of Architecture	6	spring
S110B103	Spatial Legislation	3	spring
T230B189	Economics of Spatial Decisions	3	spring
S240M107	Urban Planning 2	12	spring
S240M108	Urban Theory	6	spring
S240M109	Sustainable Urbanism	6	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
T230B219	Engineering Graphics	6	autumn
P130B001	Mathematics 1	6	autumn
P160B003	Theory of Probability and Statistics	6	autumn
T220B114	Basics of Fluid Mechanics	3	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
T230B158	Sustainable Safety in Construction	3	autumn
T230B165	Special Buildings Construction	3	autumn
S190B377	Fundamentals of Enterprises Management	6	autumn
T210B195	Engineering Mechanics of Materials	9	autumn
T230B133	Building Materials and Basics of Material Science	6	autumn/spring
T230B414	Individual Construction	6	autumn/spring
T220B011	Water Supply and Sewage	6	autumn/spring
P470B001	Geology	3	autumn/spring
S180B101	Construction Economics	3	spring
P515B101	Engineering Geodesy and Training Practice	6	spring
T240B124	Basics of Spatial Modelling	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
T220B121	Bases and Foundations 2	3	spring
T230B163	Reinforced Concrete and Masonry Structures 2	6	spring
T230B164	Information Modelling of Building Structures	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
H312M102	Harmony between Old and New in Architecture	6	autumn
T240M001	Methods of Architectural Renovation	6	autumn
H314M010	Protection of Cultural Heritage	6	spring
S240M101	Urban Sociology	6	spring
T250M034	Environmental Impact Assessment	6	spring
H314M100	Methods and Means of Heritage Management	6	spring

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Courses from the Master's degree programme STRUCTURAL AND BUILDING PRODUCTS 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
T230M019	Design of Metal Structures	6	autumn
T230M112	Vibrations of Structures	6	autumn
T230M144	Complex and Composite 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
T230M145	Advanced Concrete Technologies	6	spring
T230M148	Design of Composite Structures	6	spring
T230M010	Quality Management in Construction	6	spring
T230M022	Design of Timber Structures	6	spring
T230M146	Production Process management Using Building Information Modelling	6	spring

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