

**FACULTY
OF
CIVIL
ENGINEERING
AND
ARCHITECTURE**

- 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

**Courses from the Integrated programme
ARCHITECTURE**

Course code	Course title	ECTS Credits	Semester	Year
H312B119	Architectural Experiment 1	12	Autumn	1
H312B121	Introduction to Architecture	6	Autumn	1
P175B164	Computer-Aided Architectural Design 1	3	Autumn	1
T150B216	Architectural Materials	3	Autumn	1
T150B217	Innovative Materials	3	Autumn	2
T230B202	Structural Solutions of Public Buildings	6	Autumn	2
T240B128	Architectural Experiment 2	12	Autumn	2
P175B150	Interactive Website Systems	6	Autumn	2
T230B025	Building Physics	6	Autumn	2
H312B120	Sustainable Architecture	6	Autumn	3
T240B134	Architectural Experiment 3	12	Autumn	3
P175B154	Parametric installation	6	Autumn	3
T230B112	Construction Technology and Organization	6	Autumn	3
S240M104	Urban Planning 1	12	Autumn	4
S240M105	History of Urbanism	6	Autumn	4
S240M106	Space Syntax	6	Autumn	4
P175M110	Virtual Reality Generation**	6	Autumn	4
S240M110	Territorial systems	6	Autumn	4
S240M011	Sociology of Spaces	6	Autumn	5
T230B414	Individual Construction	6	Autumn	-
T240B130	Architectonic Development 2	12	Spring	2
T220B129	Engineering Systems of Buildings	3	Spring	2
T240B013	Typology of Spaces	3	Spring	2
H313B103	Theory of Architecture	6	Spring	2
H314B010	Cultural Heritage	6	Spring	2
P175B153	Parametric Animation	6	Spring	2
H313B104	Critical Analysis of Architecture	6	Spring	3
T230B189	Economics of Spatial Decisions*	3	Spring	3
S110B103	Spatial Legislation*	3	Spring	3
S240M107	Urban Planning 2**	12	Spring	4
S240M108	Urban Theory**	6	Spring	4
S240M109	Sustainable Urbanism**	6	Spring	4
P175M111	Virtual Reality Activation**	6	Spring	4

P175M112	Geographic Information Systems for Territory Planning**	6	Spring	4
T240B708	Fundamentals of Architectural Design	6	Spring	-

Be advised that choosing modules from different study years will result in conflicting schedules and changes will have to be made. For a not conflicting schedule, please choose modules from the same study year and semester.

*organized in cyclic form.

**these modules are available to students entering the Master of Architecture program.

Courses from the Bachelor's degree programme CIVIL ENGINEERING

Course code	Course title	ECTS Credits	Semester	Year
T230B203	Introduction to Civil Engineering	6	Autumn	1
T230B713	Civil Engineering Graphics	6	Autumn	1
T220B114	Basics of Fluid Mechanics	3	Autumn	1
T230B160	Fire safety	3	Autumn	1
T240B125	Architecture and Structures of Buildings	6	Autumn	2
P230B025	Building Physics	3	Autumn	2
T230B206	Reinforced Concrete and Masonry Structures 1	3	Autumn	3
S180B101	Construction Economics	3	Autumn	3
T230B212	Soil Mechanics and Foundations	3	Autumn	3
T230B414	Individual Construction	6	Autumn	-
P515B101	Engineering Geodesy and Training Practice	6	Spring	2
T220B612	Engineering Systems of Buildings	6	Spring	2
T230B112	Construction Technology and Organization	6	Spring	2
T230B121	Manufacturing Technology of Building Products and Structures	6	Spring	2
T230B502	Structural Mechanics 1	6	Spring	2
T230B208	Metal and Timber Structures	6	Spring	3
T220B120	Basics of Urbanism and Transport Structures	6	Spring	3
T220B130	Hydraulic Structures	6	Spring	3
T230B144	Technology of Monolithic Construction	3	Spring	3
T230B172	Construction Processes Information Modelling	6	Spring	3
T240B708	Fundamentals of Architectural Design	6	Spring	-

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Courses from the Master's degree programme ARCHITECTURE

Course code	Course title	ECTS Credits	Semester	Year
K100M101	Critical Analysis of Architecture	6	Autumn	1
T240M004	Urban Data Analytics	6	Autumn	1
T250M035	Methods of Scientific and Applied Research	6	Autumn	1
H312M102	Harmony between Old and New in Architecture	6	Autumn	1

K110M635	Economics and Management of Architectural Design	6	Autumn	2
T240M363	Digital sustainable design methods	6	Autumn	2
S240M108	Urban Theory	6	Autumn	2
T240M001	Methods of Architectural Renovation	6	Autumn	2
H314M010	Protection of Cultural Heritage	6	Spring	1
S240M101	Urban Sociology	6	Spring	1
T250M034	Environmental Impact Assessment	6	Spring	1
H314M100	Methods and Means of Heritage Management	6	Spring	1

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Courses from the Master's degree programme STRUCTURAL AND BUILDING PRODUCTS ENGINEERING

Course code	Course title	ECTS Credits	Semester	Year
T230M147	Advanced Reinforced Concrete Structures	6	Autumn	1
T230M425	Research Methods of Building Products and Structures	6	Autumn	1
T210M009	Finite Element Method	6	Autumn	1
T110M005	Measurement Theory and Metrology	6	Autumn	1
T230M216	Design and Research of Steel Structures	6	Autumn	1
T230M143	Innovation in Building Products Technology	6	Autumn	1
T230M134	Research of Reliability and Strengthening of Building Structures	6	Spring	1
T230M135	Durability and Life Cycle of the Structure	6	Spring	1
T230M145	Advanced Concrete Technologies	6	Spring	1
T230M148	Design of Composite Structures	6	Spring	1
T230M010	Quality Management in Construction	6	Spring	1

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