

**FACULTY OF  
CIVIL  
ENGINEERING  
AND  
ARCHITECTURE**

- Please try to choose the courses from the same semester, in order to avoid timetable clashed.
- The majority of your subjects (around 3) should be from your main faculty with which your university has an agreement.
- Bachelor level students are only allowed to choose Master level subjects after receiving a permission from the professor of that subject.

**Integrated courses**

**Autumn**

Course code	Course title	ECTS Credits	Semester
<a href="#">H312B121</a>	Introduction to Architecture	6	1
<a href="#">H312B124</a>	Fundamentals of Architectural Design	12	1
<a href="#">P175B164</a>	Computer-Aided Architectural Design 1	3	1
<a href="#">T150B216</a>	Architectural Materials	3	1
<a href="#">H312B126</a>	Space Modelling	3	3
<a href="#">T230B025</a>	Building Physics	3	3
<a href="#">T230B222</a>	Structures of Non-residential Buildings and Engineering	3	3
<a href="#">T240B139</a>	Architecture of Public Buildings 1	12	3
<a href="#">T240B137</a>	Typology of Architectural Spaces	3	3
<a href="#">H312B120</a>	Sustainable Architecture	3	5
<a href="#">H314B112</a>	Cultural Heritage	3	5
<a href="#">T230B213</a>	Construction Planning and Project Management	6	5
<a href="#">S240M104</a>	Urban Planning 1	12	7
<a href="#">S240M105</a>	History of Urbanism	6	7
<a href="#">S240M106</a>	Space Syntax	6	7
<a href="#">S240M011</a>	Sociology of Spaces	6	9

**Spring**

Course code	Course title	ECTS Credits	Semester
<a href="#">H310B123</a>	History of Architecture	6	2
<a href="#">H312B125</a>	Residential Architecture	12	2
<a href="#">P175B159</a>	Computer-aided Architectural Design 2	3	2
<a href="#">T230B120</a>	Structures of Dwelling Houses	3	2
<a href="#">S110B103</a>	Spatial Legislation	3	4
<a href="#">H313B103</a>	Theory of Architecture	6	4
<a href="#">T220B136</a>	Building Energy Performance Predictions and Design	6	4
<a href="#">T230B216</a>	Building Information Modelling	3	4
<a href="#">T240B014</a>	Architecture of Public Buildings 2	12	4
<a href="#">H313B104</a>	Critical Analysis of Architecture	6	6
<a href="#">T230B189</a>	Economics of Spatial Decisions	3	6
<a href="#">S240M107</a>	Urban Planning 2	12	8
<a href="#">S240M108</a>	Urban Theory	6	8
<a href="#">S240M109</a>	Sustainable Urbanism	6	8
<a href="#">P175M112</a>	Geographic Information Systems for Territory Planning	6	8

## Bachelor courses

### Autumn

Course code	Course title	ECTS Credits	Semester
<a href="#">T230B025</a>	Building Physics	6	3
<a href="#">T220B114</a>	Basics of Fluid Mechanics	6	3
<a href="#">T240B142</a>	Architecture and Structures of Non-Residential Buildings	6	3
<a href="#">P175B176</a>	Programming Basics for Civil Engineers	6	5
<a href="#">S180B101</a>	Construction Economics	3	5
<a href="#">T230B016</a>	Reinforced Concrete and Masonry Structures 1	3	5
<a href="#">T230B224</a>	Foundation Structures	3	5
<a href="#">T230B225</a>	Engineering and Special Purpose Buildings	6	5
<a href="#">T230B170</a>	Technology of Special Construction and Enginery	6	5
<a href="#">T230B217</a>	Human, Building and Environmental Safety in Construction	6	7
<a href="#">T230B170</a>	Technology of Special Construction and Enginery	6	7
<a href="#">T230B213</a>	Construction Planning and Project Management	6	7

### Spring

Course code	Course title	ECTS Credits	Semester
<a href="#">P515B101</a>	Engineering Geodesy and Training Practice	6	4
<a href="#">T220B612</a>	Building Services Systems	6	4
<a href="#">T230B502</a>	Structural Mechanics 1	6	4
<a href="#">T230B216</a>	Building Information Modelling	3	6
<a href="#">T230B159</a>	Metal and Timber Structures 1	3	6
<a href="#">T230B232</a>	Monolithic and Masonry Construction Technologies	6	6
<a href="#">T230B233</a>	Information Modelling of Building Construction	6	6

## Master courses

### Autumn

Course code	Course title	ECTS Credits	Semester
<a href="#">T230M629</a>	Construction Contracts	6	1
<a href="#">T230M001</a>	Construction Project Management	6	1
<a href="#">T230M171</a>	Digitization of Construction Processes	6	1
<a href="#">T230M151</a>	Geoinformation Technologies in Construction	6	1
<a href="#">T230M147</a>	Advanced Reinforced Concrete Structures	6	1
<a href="#">T230M180</a>	Finite Element Method for Structural Analysis	6	1
<a href="#">T230M425</a>	Research Methods of Building Products and Structures	6	1
<a href="#">T230M176</a>	Building Energy Demand Modelling	6	1
<a href="#">T230M175</a>	Energy Production and Supply	6	1
<a href="#">T220M109</a>	Indoor Environmental Assessment and Design	6	1
<a href="#">T230M174</a>	Sustainable Buildings and Cities	6	1

### Spring

Course code	Course title	ECTS Credits	Semester
<a href="#">T230M173</a>	Construction Logistics and Management	6	2
<a href="#">T230M135</a>	Durability and Life Cycle of the Structure	6	2
<a href="#">T230M010</a>	Quality Management in Construction	6	2
<a href="#">T230M181</a>	Composite and Wooden Structures	6	2
<a href="#">T230M134</a>	Research of Reliability and Strengthening of Building Structures	6	2
<a href="#">T230M178</a>	Facilities Operation and Maintenance	6	2
<a href="#">T230M179</a>	Intelligent Heating, Ventilation and Air Conditioning Systems	6	2
<a href="#">T230M177</a>	Sustainable Water Management	6	2