

## Civil Engineering Course Offer

New study program - the syllabuses are available [here](#)

Course Unit	First Year														Second Year														
	sem.1							sem.2							sem.3							sem4.							
	h	ECTS	W	C	ZK	L	P	h	ECTS	W	C	ZK	L	P	h	ECTS	W	C	Lek	ZK	L	P	h	ECTS	W	C	Lek	ZK	L
HC - Decision Making and Negotiation Theory	15	1	15																										
HC - Project Management / HC - Business Activities							25	2	10	15																			
Algebra with Geometry	60	5	30	30																									
Calculus I, Calculus II	60	5	30	30			50	4	20	30																			
Numerical Methods														40	3	10		30											
Technical Drawing I, Technical Drawing II	25	2				25	30	2		30																			
Descriptive Geometry I, Descriptive Geometry II	25	2	10			15	25	2	10			15																	
Information Technologies	30	2			30																								
Informatics I - Basics of Programming (Visual Basic/Python)							25	2		25																			
Applied Physics / Modern Physics	30	2	30																										
Experimental Physics							30	2	9		21																		
Building Chemistry	50	4	20		30																								
Building Materials I, Building Materials II							50	4	20		30	55	4	15	5		35												
Road Materials												15	1	5		10													
Theoretical Mechanics I, Theoretical Mechanics II	30	2	10	5		15	35	3	10	25																			
Strength of Materials I, Strength of Materials II							60	5	30	20		10	90	7	30	30		15	15										
Mechanics of Structures I, Mechanics of Structures II																		50	4	20	15						15		
Surveying I, Surveying II	40	3	15	15		10	25	2	10		15																		
Introduction to Civil Engineering	25	2	25																										
Fundamentals of Building with Sustainable Development and Circular Economy							25	2	15		10																		
Fundamentals of Building I, Fundamentals of Building II												35	3	20		15	30	2									30		
Fire Safety												15	1	15															
Hydraulics and Hydrology																	25	2	10								15		
Engineering Geology												40	3	15	15		10												
Soil Mechanics and Geotechnical Engineering I, Soil Mechanics and Geotechnical Engineering II																	65	5	20	5						40			
Timber Structures												25	2	10		15													
Concrete Structures I, Concrete Structures II																	50	4	20								30		
Metal Structures I, Metal Structures II																	50	4	20								30		
Fundamentals of Roads Engineering I, Fundamentals of Roads Engineering II												25	2	10		15	25	2	10								15		
Technology of Building Works I, Technology of Building Works II																	45	3	45										

**Notation: W-Lecture; C-Tutorial; L-Laboratory; P-Project Examination**