

Civil Engineering Course Offer

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

(Year 2021/2022 contains current courses for semesters 5, 6 & 7)

Course Unit	Third Year												Fourth Year					
	sem.5						sem.6						sem.7					
	h	ECTS	W	C	L	P	h	ECTS	W	C	L	P	h	ECTS	W	C	L	P
HC – Fire Safety							15	1	15									
Physics III - Building Physics	45	3	15			30												
Mechanics of Structures	60	4	30	15		15	60	5	30	15		15						
Technology and Organization of Building Works	60	4				60												
HC – Basis of Economics													30	2			30	
Basics of Organization and Management Construction							60	5	30	15		15						
Soil Mechanics and Geotechnical Engineering	60	4	30			30	75	5	30		15	30						
Concrete Structures	60	4	30			30	60	5	30		15	15						
Metal Structures	60	4	30			30	60	5	30			30						
Fundamentals of Bridge Engineering							60	3	30			30						
Basics of Underground Structures							30	2	15			15						
Sanitary Installations													30	2			15	15
Electrical Installations													30	1			30	
Hydraulics and Hydrology	30	2	15			15												

Diploma Specialization

Students will vote, and the Dean will launch the winning specialization.

The most popular specialization in recent years has been CES

Course Unit	sem.7					
	h	ECTS	W	C	L	P
Civil Engineering Structures Diploma Specialization (CES)						
Architecture and Urban Planning (CES, CEM, SB)	45	3	15			30
Computer Methods in Civil Engineering	45	3	15	30		
Concrete Structures III	60	4	30			30
Metal Structures III	60	4	30			30
Building Physics II (CES)	30	2	15			15
Construction Engineering and Management Diploma Specialization (CEM)						
Architecture and Urban Planning (CES, CEM, SB)	45	3	15			30
Computer Methods in Management	45	3	15	30		
Selected Technologies of Building Works	15	1	15			
Costs and Effectiveness of Investment	30	2	15	15		
Asphalt Composites Technology	30	2	10		20	
Mineral Composites Technology	45	3	15		30	
Polymer Composites Technology	30	2	10	10	10	
Production Processes	30	2	15			15
Sustainable Building (SB)						
Architecture and Urban Planning (CES, CEM, SB)	45	3	15			30
Computer Methods in Energy Efficient Building	45	3	15	30		
Sustainable Building Design	45	3	15	30		
Sustainable Building Materials	30	2	15		6	9
Building Physics II (SB)	45	3	15			30
Architectural Aspects of Sustainable Development	30	2				30

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

Examination