

Civil Engineering Course Offer 2026/2027
(Year 2021/2022 contains current courses for semesters 5, 6 & 7)

Course Unit	Course Code	Third Year												Fourth Year					
		sem.5 Winter						sem.6 Summer						sem.7 Winter					
		h	ECTS	W	C	L	P	h	ECTS	W	C	L	P	h	ECTS	W	C	L	P
HC – Fire Safety	1080-BU000-ISA-0350							15	1	15									
Physics III - Building Physics	1080-BU000-ISA-0420	45	3	15			30												
Mechanics of Structures 1	1080-BU000-ISA-0404	60	4	30	15		15												
Mechanics of Structures 2	1080-BU000-ISA-0405							60	5	30	15		15						
Technology and Organization of Building Works 2	1080-BU000-ISA-0432	60	4				60												
Basics of Organization and Management Construction	1080-BU000-ISA-0434							60	5	30	15		15						
Soil Mechanics and Geotechnical Engineering 1	1080-BU000-ISA-0481	60	4	30		30													
Soil Mechanics and Geotechnical Engineering 2	1080-BU000-ISA-0482							75	5	30		15	30						
Concrete Structures 1	1080-BU000-ISA-0451	60	4	30			30												
Concrete Structures 2	1080-BU000-ISA-0452							60	5	30		15	15						
Metal Structures 1	1080-BU000-ISA-0461	60	4	30			30												
Metal Structures 2	1080-BU000-ISA-0622							60	5	30			30						
Fundamentals of Bridge Engineering	1080-BU000-ISA-0616							60	3	30			30						
Basics of Underground Structures	1080-BU000-ISA-0613							30	2	15			15						
Hydraulics and Hydrology	1080-BU000-ISA-0357	30	2	15			15												
HC – Basis of Economics	1080-BU000-ISA-0202													30	2		30		
Electrical Installations	1080-BU000-ISA-0701													30	1		30		
Sanitary Installations	1080-BU000-ISA-0904													30	2		15		15
Computer Systems for Structural Analysis	1080-BU000-ISA-0609													30	2		30		
FRP Composites for Civil Engineering Structures	1080-BU000-ISA-0606													30	2	20	10		
Implementation of BIM in Design of Structures	1080-BU000-ISA-0601													30	2		30		
Extreme Construction	1080-BU000-ISA-0206													30	2	30			

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						Course Code
	h	ECTS	W	C	L	P	
Civil Engineering Structures Diploma Specialization (CES)							
Architecture and Urban Planning (CES, CEM, SB)	45	3	15			30	1080-BU000-ISA-0611
Computer Methods in Civil Engineering	45	3	15	30			1080-BU000-ISA-0633
Concrete Structures III	60	4	30			30	1080-BU000-ISA-0615
Metal Structures III	60	4	30			30	1080-BU000-ISA-0631
Building Physics II (CES)	30	2	15			15	1080-BU000-ISA-0632
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

