

## SUMMER 2023/2024

### Courses available for bachelor's and master's degree students

Course	courses code	ECTS	Type of classes	Final exam
Information Technology	WIL BUD oIS A4	2	15L 15 Clab	
Theoretical Mechanics	WIL BUD oIS B12	4	30L 15P	
Technical Drawing	WIL BUD oIS C18	2	30P	
Geodesy	WIL BUD oIS C19	2	15L 30Lab	
Architecture and Urban Design	WIL BUD oIS C20	2	15L 15P	
Hydraulics and Hydrology	WIL BUD oIS C21	2	15L 15P	
Fundamentals of Civil Engineering	WIL BUD oIS C22	3	30L 15 P	yes
Computational methods	WIL BUD oIS B14	3	15L, 30 Clab	
Technology, mechanisation and automatisisation of construction works	WIL BUD oIS C26	2	15L 15 P	yes
Introduction to Contruction Designing	WIL BUD oIS C27	2	15L 15P	
Soil Mechanics	WIL BUD oIS C28	3	30L 30Lab	yes
Physics of Building Structures	WIL BUD oIS C29	2	15L 30Lab	
Road Surfaces and Technology of Road Construction	WIL BUD oIS C30	3	30L 15Lab 15P	yes
Structural Mechanics	WIL BUD oIS C33	5	15L 15Ex 30P	
Fire Safety Measures in Civil Engineering	WIL BUD oIS C44	1	15L	
Construction Supervision, Ocupational Safety and Health	WIL BUD oIS C43	4	30L, 15ex, 30P	yes
Technology of Prestressed and Precast Constructions / Introduction to Prestressed and Precast Constructions*	WIL BUD oIS D56	2	15L 15 P	
Introduction to Bridge Constructions/ Bridge Constructions*	WIL BUD oIS D55	5	30L 30 P	yes
Building Installations in Cubature Objects/ Municipal Systems and Installations in Building Objects*	WIL BUD oIS D53	3	30L 15 P	
Railway Infrastructure/ Introduction to Rail Roads*	WIL BUD oIS D52	2	15 L 15 P	

\*courses can be conducted under one of two names. The numbers of ECTS points doesn't change

### Courses available for master's degree students

Course		ECTS	Type of classes	Final Exam
Information Technology	WIL BUD oIS A4	2	15L 15 Clab	
Theoretical Mechanics	WIL BUD oIS B12	4	30L 15P	
Technical Drawing	WIL BUD oIS C18	2	30P	
Geodesy	WIL BUD oIS C19	2	15L 30Lab	
Architecture and Urban Design	WIL BUD oIS C20	2	15L 15P	
Hydraulics and Hydrology	WIL BUD oIS C21	2	15L 15P	
Fundamentals of Civil Engineering	WIL BUD oIS C22	3	30L 15 P	yes
Computational methods	WIL BUD oIS B14	3	15L, 30 Clab	

Technology, mechanisation and automatisisation of construction works	WIL BUD oIS C26	2	15L 15 P	yes
Introduction to Construction Designing	WIL BUD oIS C27	2	15L 15P	
Soil Mechanics	WIL BUD oIS C28	3	30L 30Lab	yes
Physics of Building Structures	WIL BUD oIS C29	2	15L 30Lab	
Road Surfaces and Technology of Road Construction	WIL BUD oIS C30	3	30L 15Lab 15P	yes
Structural Mechanics	WIL BUD oIS C33	5	15L 15Ex 30P	
Fire Safety Measures in Civil Engineering	WIL BUD oIS C44	1	15L	
Construction Supervision, Occupational Safety and Health	WIL BUD oIS C43	4	30L, 15ex, 30P	yes
Technology of Prestressed and Precast Constructions / Introduction to Prestressed and Precast Constructions*	WIL BUD oIS D56	2	15L 15 P	
Introduction to Bridge Constructions/ Bridge Constructions*	WIL BUD oIS D55	5	30L 30 P	yes
Building Installations in Cubature Objects/ Municipal Systems and Installations in Building Objects*	WIL BUD oIS D53	3	30L 15 P	
Railway Infrastructure/ Introduction to Rail Roads*	WIL BUD oIS D52	2	15 L 15 P	
Management of Building Projects	WIL BUD oIIS C10	2	15L 15P	yes
Mathematics in Civil Engineering	WIL BUD oIIS C1	2	20L, 10 Clab	
Strength of Material II	WIL BUD oIIS C2	2	15L, 15Lab	yes
Advanced Structural Materials	WIL BUD oIIS C3	2	15L, 15 Lab	
Structural Mechanics II	WIL BUD oIIS C4	3	15L, 15P	yes
Cost Estimates in Civil Engineering	WIL BUD oIIS D4	2	15L, 15P	
Theory of Elasticity and Plasticity	WIL BUD oIIS C5	3	30L, 15P	
Fundamentals of Design and Reliability	WIL BUD oIIS C6	1	15L	
Computer Methods in Civil Engineering	WIL BUD oIIS C7	2	15L, 15 Clab	
Concrete Structures II	WIL BUD oIIS C8	3	15L, 15P	yes
Metal Structures II	WIL BUD oIIS C9	3	15L, 15P	yes
Negotiation techniques	WIL BUD oIIS A4	2	9L	
Communication within an organization	WIL BUD oIIS A3	2	9L	
Prestressed and Precast Concrete Elements	WIL BUD oIIS D1	2	15 L, 15 P	
Special Foundations	WIL BUD oIIS D2	2	15L, 15P	
Construction Company Management	WIL BUD oIIS D3	2	15L, 15P	

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**L - lecture**  
**Ex - exercise**  
**Lab - laboratory**  
**Clab - computer laboratory**  
**P- project**