Course of Study Civil Engineering (Study Cohort w24)

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Practical module 1 (dual study program, Master's degree) Practical term 1	0	Practical module 2 (dual study program, Master's degree) Practical term 2	0	Practical module 3 (dual study program, Master's degree) Practical term 3		Selected Topics in Civil Engineering (part 2) Selection from a catalog
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						Master thesis (dual study program)
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Sustainable Circular Economy Environment and Sustainability	VL 2	Modelling of Hydraulic Engineering Modelling of Flow in Rivers and Estuaries	VL 3	Nonlinear Structural Analysis Nonlinear Structural Analysis VL 3	3	
Circular Economy	SE 2	Modelling of Waves	PBL 1	Nonlinear Structural Analysis GÜ 1		
		Hydraulic Models	PBL 1			
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Finite elements		Thin-walled structures		Study work computational engineering		
Finite elements	VL 3 HŪ 2	Thin-walled structures	VL 2 HÜ 2			
Finite elements	HŪ 2	Thin-walled structures	HU 2			
Geotechnics III Numerical Methods in Geotechnics	VL 3	Digital Twinning in Civil Engineering Digital Twinning in Civil Engineering	VL 2	Finite element modeling of structures Finite element modeling of structures VL 2	2	
Advanced Foundation Engineering	VL 2	Digital Twinning in Civil Engineering	SE 2	Finite element modeling of structures GÜ 2		
Advanced Foundation Engineering	HŪ 1					
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Construction Robotics		Soil Mechanics and -Dynamics		Selected Topics in Civil Engineering (part 1)		
Construction Robotics	PBL 6	Soil Mechanics - Selected Topics	VL 2	Selection from a catalog		
		Soil Dynamics Experimental Researches in Geotechnics	VL 2 PR 2			
				Modern discretization methods in structural mechanics		
				Modern discretization methods in structural mechanics VL 2 Modern discretization methods in structural mechanics GÜ 2		
				GU 2	2	

Focus Compulsory

Thesis Compulsory

Business & Management (from catalogue) - 6LP Linking theory and practice (dual study program, Master's degree) (from catalogue) - 6LP

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.