Course of Study Civil Engineering (Study Cohort w19)

	-			<b>-</b>		_			Specialisation Compul		Focus Compulsory	Thesis Compulsory
	e course plan A Master Civil Engineering (	BAUMS)						Core Qualification Elective Compulsory	Specialisation Elective	Compulsory	Focus Elective Compulsory	Interdisciplinary complement
pecial	isation Structural Engineering	Form Hr	s/wk	Semester 2	Form	Hrs/wk	Semester 3		Form Hrs/wk	Semester 4	1	Form Hrs/w
1	Finite Elements Methods			Design of Prestressed Structures and Concrete Bridges			Study Work Structural Engi	ineering		Selected 1	Topics in Civil Engineering (part 2)	
2	Finite Element Methods	VL	2	Design of Prestressed Structures and Concreet Bridges	VL	3					rom a catalog	
	Finite Element Methods	ΗÜ	2	Design of Prestressed Structures and Concreet Bridges	НÜ	2						
3												
4										Master Th	nesis	
5												
6												
			-									
7	Sustainability and Risk Management			Statics and Dynamics of Structures			Computational Analysis of					
8	Environment and Sustainability Safety, Reliability and Risk Assessment	VL SE		Fracture mechanics and fatigue in steel structures Fracture Mechanics and Fatigue	VL HÜ	1	Computational Analysis of Con Computational Analysis of Con		VL 2 HŪ 1			
9	Safety, Reliability and RISK ASSESSMENT	SE	2	Structural Dynamics	VL	2	FE-Modeling of Concrete Struc		PBL 2			
10				Structural Dynamics	ΗÜ	2	1 E-Modeling of Concrete Struc	tures	TDL 2			
11												
12												
13	Advanced Foundation Engineering and Soil Laboratory Course			Steel Construction Project			Selected Topics in Civil Eng	gineering (part 1)				
14	Advanced Foundation Engineering	VL	2	Steel Construction Project	PS	4	Selection from a catalog					
	Advanced Foundation Engineering	ΗÜ										
15	Soil Laboratory Course	PR	1									
16							Structural Analysis - Select	ed Topics				
17							Plates and Shells		VL 2			
18							Nonlinear Analysis of Frame St Nonlinear Analysis of Frame St		VL 2 HŪ 2			
19	Community Champions			Marine Cashada and Namada			Nonlinear Analysis of Frame St	tructure	HU 2			
	Concrete Structures Structural Concrete Members	VL	2	Marine Geotechnics and Numerics  Numerical Methods in Geotechnics	VL	3						
20	Structural Concrete Members		2	Marine Geotechnics	VL	1						
21	Concrete Structures	SE		Marine Geotechnics	НÜ	2						
22												
23												
24												
25	Steel and Composite Structures											
26	Steel Bridges Steel and Composite Structures	VL VL	2									
27	Steel and Composite Structures Steel and Composite Structures	VL HŪ										
28	Seed and Composite Structures	110										
29												
30												
31												
32												
33												
	D : CM :											
	susiness & Management (from catalogue) - 6LP											
	Non-technical Courses for Master (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.