Course of Study Civil Engineering (Study Cohort w20)

					Core Qualification Compulsory	Specialisation Compul	,	Focus Compulsory	Thesis Compulsory
nple course plan B Master Civil Engineerii	ng (BAUMS)				Core Qualification Elective Compulsory	Specialisation Elective	Compulsory	Focus Elective Compulsory	Interdisciplinary complement
cialisation Geotechnical Engineering									
Finite Elements Methods Finite Element Methods Finite Element Methods	VL 2 HŪ 2	Building Materials and Building Preservation Mineral Building Materials VL 2 Transport Processes in Building Materials and Damage Processes VL 1		Study Work Foundation Engineering			Selected Topics in Civil Engineering (part 2) Selection from a catalog		
		Repair of Structures Technology of mineral Building Materials	VL 1 PBL 1				Master The	esis	
Sustainability and Risk Management Environment and Sustainability Safety, Reliability and Risk Assessment	VL 2 SE 2	Marine Geotechnics Marine Geotechnics Marine Geotechnics Steel Structures in Foundation and Hydraulic Engineering	VL 1 HÜ 2 VL 2	Concrete Structures Structural Concrete Members Structural Concrete Members Concrete Structures		VL 2 HŪ 2 SE 1			
Geotechnics III Numerical Methods in Geotechnics Advanced Foundation Engineering	VL 3 VL 2	Soil Mechanics and -Dynamics Soil Mechanics - Selected Topics Soil Dynamics	VL 2 VL 3	Selected Topics in Civil En Selection from a catalog	gineering (part 1)				
Advanced Foundation Engineering	HŪ 1	Experimental Researches in Geotechnics	PR 1						
				Excavation Law and Project Subsoil and Underground Eng Project Geotechnics	ineering Law	VL 2 PBL 2			
Coastal Hydraulic Engineering I Basics of Coastal Engineering Basics of Coastal Engineering	VL 3 PBL 1	Harbour Engineering and Harbour Planning Port Planning and Port Construction Harbour Engineering Harbour Engineering	VL 2 VL 2 PBL 1	Service Contract and Procure	ment Law	VL 2			
Underground Constructions Introduction to tunnel construction Introduction to tunnel construction Applied Tunnel Constructions	VL 1 HÜ 1 VL 2								
_									
Business & Management (from catalogue) - 6LP)								
Non-technical Courses for Master (from catalog	ue) - 6l P								

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