

Course of Study Civil Engineering (Study Cohort w24)

Legend: Core Qualification Compulsory (yellow), Specialisation Compulsory (green), Focus Compulsory (orange), Thesis Compulsory (light orange), Core Qualification Elective Compulsory (light yellow), Specialisation Elective Compulsory (light green), Focus Elective Compulsory (light orange), Interdisciplinary complement (light blue)

Sample course plan B Master Civil Engineering (BAUMS)

Specialisation Geotechnical Engineering			
1	Sustainable Circular Economy		Building Materials and Building Preservation
2	Environment and Sustainability VL 2		Mineral Building Materials VL 2
3	Circular Economy SE 2		Transport Processes in Building Materials and Damage Processes VL 1
4			Repair of Structures VL 1
5			Technology of mineral Building Materials PBL 1
6			
7	Finite elements		Marine Geotechnics
8	Finite elements VL 3		Marine Geotechnics VL 1
9	Finite elements HÜ 2		Marine Geotechnics HÜ 2
10			Steel Structures in Foundation and Hydraulic Engineering VL 2
11			
12			
13	Geotechnics III		Soil Mechanics and -Dynamics
14	Numerical Methods in Geotechnics VL 3		Soil Mechanics - Selected Topics VL 2
15	Advanced Foundation Engineering VL 2		Soil Dynamics VL 2
16	Advanced Foundation Engineering HÜ 1		Experimental Researches in Geotechnics PR 2
17			
18			
19	Underground Constructions		Coastal Hydraulic Engineering I
20	Introduction to tunnel construction VL 1		Basics of Coastal Engineering VL 3
21	Introduction to tunnel construction HÜ 1		Basics of Coastal Engineering PBL 1
22	Applied Tunnel Constructions VL 2		
23			
24			
25			Harbour Engineering and Harbour Planning
26			Port Planning and Port Construction VL 2
27			Harbour Engineering VL 2
28			Harbour Engineering PBL 1
29			
30			
31			
32			
33			
Business & 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.

