

Course of Study Civil Engineering (Study Cohort w24)

Sample course plan C Master Civil Engineering (BAUMS) Dual study program

Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Specialisation Coastal Engineering			
1	Practical module 1 (dual study program, Master's degree)	Practical module 2 (dual study program, Master's degree)	Practical module 3 (dual study program, Master's degree)
2	Practical term 1 0	Practical term 2 0	Practical term 3 0
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11	Sustainable Circular Economy	Marine Geotechnics	Coastal Hydraulic Engineering II
12	Environment and Sustainability VL 2	Marine Geotechnics VL 1	Coastal- and Flood Protection VL 2
13	Circular Economy SE 2	Marine Geotechnics HÜ 2	Maintenance and Defence of Flood Protection Structures VL 2
14		Steel Structures in Foundation and Hydraulic Engineering VL 2	Coastal- and Flood Protection PBL 1
15			
16			
17	Finite elements	Coastal Hydraulic Engineering I	Study Work Harbour and Coastal Engineering
18	Finite elements VL 3	Basics of Coastal Engineering VL 3	
19	Finite elements HÜ 2	Basics of Coastal Engineering PBL 1	
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23	Geotechnics III	Harbour Engineering and Harbour Planning	Selected Topics in Civil Engineering (part 1)
24	Numerical Methods in Geotechnics VL 3	Port Planning and Port Construction VL 2	Selection from a catalog
25	Advanced Foundation Engineering VL 2	Harbour Engineering VL 2	
26	Advanced Foundation Engineering HÜ 1	Harbour Engineering PBL 1	
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29	Underground Constructions	Modelling of Hydraulic Engineering	Subsurface Processes
30	Introduction to tunnel construction VL 1	Modelling of Flow in Rivers and Estuaries VL 3	Subsurface Solute Transport VL 2
31	Introduction to tunnel construction HÜ 1	Modelling of Waves PBL 1	Subsurface Solute Transport HÜ 1
32	Applied Tunnel Constructions VL 2	Hydraulic Models PBL 1	Modeling of Subsurface Processes GÜ 3
33			
34			Water Protection
35			Water Protection IV 6
36			
37			
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.

