

# Course of Study Civil Engineering (Study Cohort w24)

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

Sample course plan C Master Civil Engineering (BAUMS)

Specialisation Coastal Engineering			
1	<b>Sustainable Circular Economy</b>		<b>Marine Geotechnics</b>
2	Environment and Sustainability VL 2		Marine Geotechnics VL 1
3	Circular Economy SE 2		Marine Geotechnics HÜ 2
4			Steel Structures in Foundation and Hydraulic Engineering VL 2
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6			
7	<b>Finite elements</b>		<b>Coastal Hydraulic Engineering I</b>
8	Finite elements VL 3		Basics of Coastal Engineering VL 3
9	Finite elements HÜ 2		Basics of Coastal Engineering PBL 1
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13	<b>Geotechnics III</b>		<b>Harbour Engineering and Harbour Planning</b>
14	Numerical Methods in Geotechnics VL 3		Port Planning and Port Construction VL 2
15	Advanced Foundation Engineering VL 2		Harbour Engineering VL 2
16	Advanced Foundation Engineering HÜ 1		Harbour Engineering PBL 1
17			
18			
19	<b>Underground Constructions</b>		<b>Modelling of Hydraulic Engineering</b>
20	Introduction to tunnel construction VL 1		Modelling of Flow in Rivers and Estuaries VL 3
21	Introduction to tunnel construction HÜ 1		Modelling of Waves PBL 1
22	Applied Tunnel Constructions VL 2		Hydraulic Models PBL 1
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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.

