

Course of Study Green Technologies: Energy, Water, Climate (Study Cohort w23)

Legend:

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

Sample course plan M Bachelor Green Technologies: Energy, Water, Climate (GTBS)

Specialisation Maritime Technologies			
1	Mathematics I		Technical Thermodynamics I
2	Mathematics I VL 4	Mathematics I HÜ 2	Technical Thermodynamics I VL 2 Technical Thermodynamics I HÜ 1
3	Mathematics I GÜ 2	Mathematics I GÜ 2	Technical Thermodynamics I GÜ 1
4			
5			
6			
7			
8		Mathematics II	Technical Thermodynamics II
9		Mathematics II VL 4	Technical Thermodynamics II VL 2
10	General and Inorganic Chemistry	Mathematics II HÜ 2	Technical Thermodynamics II HÜ 1
11	General and Inorganic Chemistry VL 3	Mathematics II GÜ 2	Technical Thermodynamics II GÜ 1
12	Fundamentals in Inorganic Chemistry PR 3		
13	Fundamentals in Inorganic Chemistry GÜ 1		
14			
15	Computer Science for Engineers - Introduction and Overview		Mathematics III
16	Computer Science for Engineers - Introduction and Overview VL 3	Organic Chemistry	Analysis III VL 2
17	Computer Science for Engineers - Introduction and Overview GÜ 2	Organic Chemistry VL 2	Analysis III GÜ 1
18		Organic Chemistry PR 2	Analysis III HÜ 1
19		Organic Chemistry GÜ 2	Differential Equations 1 VL 2
20			Differential Equations 1 GÜ 1
21	Green Technologies I		Differential Equations 1 HÜ 1
22	Meteorology and Climate Systems - Introduction VL 2	Engineering Mechanics II (Elastostatics)	
23	Introduction Green Technologies SE 2	Engineering Mechanics II VL 2	Measurement Technology for Chemical and Bioprocess Engineering
24	Meteorology and Climate Systems - Introduction GÜ 2	Engineering Mechanics II GÜ 2	Measurement Technology VL 2
25		Engineering Mechanics II HÜ 2	Physical Fundamentals of Measurement Technology VL 2
26			Practical Course Measurement Technology PR 2
27	Engineering Mechanics I (Stereostatics)		
28	Engineering Mechanics I VL 2		Green Technologies II (part 1)
29	Engineering Mechanics I GÜ 2		Environmental Technologie VL 2
30	Engineering Mechanics I HÜ 1		Pollutant analysis VL 2
31			
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Non-technical Courses for Bachelors (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.

