

Course of Study Green Technologies: Energy, Water, Climate (Study Cohort w21)

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	Basics of Electrical Engineering
2	Linear Algebra I VL 2		Technical Thermodynamics I VL 2	Basics of Electrical Engineering VL 3
3	Linear Algebra I GÜ 1		Technical Thermodynamics I HÜ 1	Basics of Electrical Engineering GÜ 2
4	Linear Algebra I HÜ 1		Technical Thermodynamics I GÜ 1	
5	Analysis I VL 2			
6	Analysis I GÜ 1			
7	Analysis I HÜ 1			
8			Mechanics II: Mechanics of Materials	Technical Thermodynamics II
9			Mechanics II VL 2	Technical Thermodynamics II VL 2
10			Mechanics II GÜ 2	Technical Thermodynamics II HÜ 1
11			Mechanics II HÜ 2	Technical Thermodynamics II GÜ 1
12				
13	General and Inorganic Chemistry			
14	General and Inorganic Chemistry VL 3			
15	Fundamentals in Inorganic Chemistry PR 3			
16	Fundamentals in Inorganic Chemistry GÜ 1			
17				
18				
19				
20				
21	Computer Science for Engineers - Introduction and Overview		Organic Chemistry	Measurement Technology for Chemical and Bioprocess Engineering
22	Computer Science for Engineers - Introduction and Overview VL 3		Organic Chemistry VL 4	Measurement Technology VL 2
23	Computer Science for Engineers - Introduction and Overview GÜ 2		Organic Chemistry PR 3	Physical Fundamentals of Measurement Technology VL 2
24				Practical Course Measurement Technology PR 2
25				
26				
27	Green Technologies I			Green Technologies II (part 1)
28	Meteorology and Climate Systems - Introduction VL 2			Environmental Technologie VL 2
29	Introduction to Green Technologies SE 2			Pollutant analysis VL 2
30	Meteorology and Climate Systems - Introduction GÜ 2			
31				
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33				
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36				
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.

