

# 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 W Bachelor Green Technologies: Energy, Water, Climate (GTBS)

Specialisation Water Technologies			
1	<b>Mathematics I</b>		<b>Technical Thermodynamics I</b>
2	Linear Algebra I VL 2		Technical Thermodynamics I VL 2
3	Linear Algebra I GÜ 1		Technical Thermodynamics I HÜ 1
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		<b>Mechanics II: Mechanics of Materials</b>	<b>Technical Thermodynamics II</b>
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	<b>General and Inorganic Chemistry</b>		
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	<b>Computer Science for Engineers - Introduction and Overview</b>	<b>Organic Chemistry</b>	<b>Measurement Technology for Chemical and Bioprocess Engineering</b>
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	Computer Science for Engineers - Introduction and Overview HÜ 1		Practical Course Measurement Technology PR 2
25			
26			
27	<b>Green Technologies I</b>		<b>Green Technologies II (part 1)</b>
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			
32			
33			
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.

