

# 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 B Bachelor Green Technologies: Energy, Water, Climate (GTBS) Dual study program

Specialisation Biotechnologies			
1	<b>Mathematics I</b>		<b>Technical Thermodynamics I</b>
2	Mathematics I VL 4		Technical Thermodynamics I VL 2
3	Mathematics I HÜ 2		Technical Thermodynamics I HÜ 1
4	Mathematics I GÜ 2		Technical Thermodynamics I GÜ 1
5			
6			
7			
8			
9	<b>General and Inorganic Chemistry</b>		<b>Mathematics II</b>
10	General and Inorganic Chemistry VL 3		Mathematics II VL 4
11	Fundamentals in Inorganic Chemistry PR 3		Mathematics II HÜ 2
12	Fundamentals in Inorganic Chemistry GÜ 1		Mathematics II GÜ 2
13			
14			
15	<b>Computer Science for Engineers - Introduction and Overview</b>		<b>Organic Chemistry</b>
16	Computer Science for Engineers - Introduction and Overview VL 3		Organic Chemistry VL 2
17	Computer Science for Engineers - Introduction and Overview PR 2		Organic Chemistry PR 2
18	Computer Science for Engineers - Introduction and Overview GÜ 2		Organic Chemistry GÜ 2
19			
20			
21	<b>Green Technologies I</b>		<b>Practical module 2 (dual study program, Bachelor's degree)</b>
22	Meteorology and Climate Systems - Introduction VL 2		Practical term 2 0
23	Introduction Green Technologies SE 2		
24	Meteorology and Climate Systems - Introduction GÜ 2		
25			
26			
27	<b>Practical module 1 (dual study program, Bachelor's degree)</b>		<b>Engineering Mechanics II (Elastostatics)</b>
28	Practical term 1 0		Engineering Mechanics II VL 2
29			Engineering Mechanics II GÜ 2
30			Engineering Mechanics II HÜ 2
31			
32			
33	<b>Engineering Mechanics I (Stereostatics)</b>		<b>Green Technologies II (part 1)</b>
34	Engineering Mechanics I VL 2		Environmental Technologie VL 2
35	Engineering Mechanics I GÜ 2		Pollutant analysis VL 2
36	Engineering Mechanics I HÜ 1		
37			
38			
			<b>Practical module 3 (dual study program, Bachelor's degree)</b>
			Practical term 3 0
			<b>Green Technologies II (part 2)</b>
			Practical Exercise Environmental Technology PR 1
			<b>Biochemistry and Microbiology</b>
			Biochemistry VL 2
			Biochemistry PBL 1
			Microbiology VL 2
			Microbiology PBL 1

Linking theory and practice (dual study program, Bachelor'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.

