

Course of Study Green Technologies: Energy, Water, Climate (Study Cohort w24)

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)

Specialisation Biotechnologies			
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		Technical Thermodynamics I GÜ 1
4			
5			
6			
7			
8		Mathematics II	Technical Thermodynamics II
9	General and Inorganic Chemistry	Mathematics II VL 4	Mathematics II HÜ 2
10	General and Inorganic Chemistry VL 3	Mathematics II GÜ 2	Mathematics II GÜ 2
11	Fundamentals in Inorganic Chemistry PR 3		Technical Thermodynamics II HÜ 1
12	Fundamentals in Inorganic Chemistry GÜ 1		Technical Thermodynamics II GÜ 1
13			
14			
15	Computer Science for Engineers - Introduction and Overview		Mathematics III
16	Computer Science for Engineers - Introduction and Overview VL 3		Analysis III VL 2
17	Computer Science for Engineers - Introduction and Overview GÜ 2		Analysis III GÜ 1
18			Analysis III HÜ 1
19			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	Organic Chemistry	
23	Introduction Green Technologies SE 2	Organic Chemistry VL 2	
24	Meteorology and Climate Systems - Introduction GÜ 2	Organic Chemistry PR 2	
25		Organic Chemistry GÜ 2	
26			
27	Engineering Mechanics I (Stereostatics)		Measurement Technology for Chemical and Bioprocess Engineering
28	Engineering Mechanics I VL 2	Engineering Mechanics II (Elastostatics)	Measurement Technology VL 2
29	Engineering Mechanics I GÜ 2	Engineering Mechanics II VL 2	Physical Fundamentals of Measurement Technology VL 2
30	Engineering Mechanics I HÜ 2	Engineering Mechanics II GÜ 2	Practical Course Measurement Technology PR 2
31		Engineering Mechanics II HÜ 2	
32			
33			
34			
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.

