

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

Specialisation Water Technologies			
1	Mathematics I		Technical Thermodynamics I
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		Mathematics II	Technical Thermodynamics II
9		Mathematics II VL 4	Technical Thermodynamics II VL 2
10		Mathematics II HÜ 2	Technical Thermodynamics II HÜ 1
11		Mathematics II GÜ 2	Technical Thermodynamics II GÜ 1
12			
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 HÜ 2		Analysis III GÜ 1
18	Computer Science for Engineers - Introduction and Overview GÜ 2		Analysis III HÜ 1
19			
20			
21	Green Technologies I		Conventional Energy Systems and Energy Industry
22	Meteorology and Climate Systems - Introduction VL 2	Organic Chemistry	Power Industry VL 1
23	Introduction Green Technologies SE 2	Organic Chemistry VL 2	Energy markets and energy trading VL 2
24	Meteorology and Climate Systems - Introduction GÜ 2	Organic Chemistry PR 2	Fossil Energy Systems VL 2
25		Organic Chemistry GÜ 2	Fuels I VL 1
26			
27	Engineering Mechanics I (Stereostatics)		Renewable Energies
28	Engineering Mechanics I VL 2		Renewable Energies I VL 2
29	Engineering Mechanics I GÜ 2		Renewable Energies II VL 2
30	Engineering Mechanics I HÜ 1		Renewable Energies I HÜ 1
31			Fuels II VL 1
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.

