

Course of Study Environmental Engineering (Study Cohort w23)

Sample course plan A Master Environmental Engineering (IMPEE) Dual study program

Core Qualification Compulsory Specialisation Compulsory Focus Compulsory Thesis Compulsory
 Core Qualification Elective Compulsory Specialisation Elective Compulsory Focus Elective Compulsory Interdisciplinary complement

Specialisation Energy and Resources

Year	Course	Mode	Credits	Prerequisites	Specialisation	Focus	Thesis
1	Waste Treatment Technologies						
2	Biological Waste Treatment	PBL	3				
3	Waste and Environmental Chemistry	PR	2				
4							
5							
6							
7	Sustainable Water Management and Microbiology of Water Systems						
8	Sustainable Water Management	PBL	2				
9	Microbiology of water systems	VL	2				
10							
11							
12	Urban Environmental Management						
13	Urban Infrastructures	PBL	2				
14	Noise Protection	VL	2				
15							
16							
17							
18	Geochemical Engineering						
19	Geochemical Engineering	VL	2				
20	Contaminated Sites and Landfilling	VL	2				
21	Contaminated Sites and Landfilling	HÜ	1				
22							
23							
24	Nexus Engineering - Water, Soil, Food and Energy						
25	Water & Wastewater Systems in a Global Context	VL	2				
26	Ecological Town Design - Water, Energy, Soil and Food Nexus	SE	2				
27							
28							
29							
30	Applied optimization in energy and process engineering						
31	Applied optimization in energy and process engineering	IV	2				
32	Applied optimization in energy and process engineering	GÜ	2				
33							
34							
35							
36							
37							
38							
39							
40							
Business & Management (from catalogue) - 6LP							
Linking theory and practice (dual study program, Master'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.

