

Course of Study Environmental Engineering (Study Cohort w21)

Sample course plan B Master Environmental Engineering (IMPEE)

Specialisation Waste and Energy

	Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory	
	Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement	
1	Waste Treatment Technologies		Geochemical Engineering		
2	Biological Waste Treatment PBL 3		Geochemical Engineering VL 2	Master Thesis	
3	Waste and Environmental Chemistry PR 2		Contaminated Sites and Landfilling VL 2		
4			Contaminated Sites and Landfilling HÜ 1		
5					
6					
7	Environmental Protection and Management		Technical Microbiology		
8	Health, Safety and Environmental Management VL 2		Applied Molecular Biology VL 2		
9	Health, Safety and Environmental Management GÜ 1		Technical Microbiology VL 2		
10	Integrated Pollution Control VL 2		Technical Microbiology HÜ 1		
11					
12					
13	Sustainable Water Management and Microbiology of Water Systems		Selected Topics in Environmental Engineering (part 1)		
14	Sustainable Water Management PBL 2		Selection from a catalog		
15	Microbiology of water systems VL 2				
16					
17			Selected Topics in Environmental Engineering (part 2)		
18			Selection from a catalog		
19	Environmental Analysis and water technology practice		Waste and Energy		
20	Environmental Analysis VL 2		Waste Recycling Technologies VL 2		
21	Practical Course in Water and Wastewater Technology I PR 2		Waste Recycling Technologies GÜ 1		
22			Waste to Energy PBL 2		
23					
24					
25	Fluid Mechanics, Hydraulics and Geo-information-systems in Water Management		Special Aspects of Waste Resource Management		
26	Geo-Information-Systems in Water Management and Hydraulic Engineering PBL 2		International Waste Management PBL 2		
27	Fluid Mechanics and Hydraulics VL 2		Advanced Topics in Waste Resource Management PBL 3		
28	Fluid Mechanics and Hydraulics GÜ 1				
29					
30					
Business & Management (from catalogue) - 6LP					
Non-technical Courses for Master (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.

