

Course of Study Environmental Engineering (Study Cohort w22)

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 Water		Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk	
1	Waste Treatment Technologies			Practical module 2 (dual study program, Master's degree) Practical term 2			Practical module 3 (dual study program, Master's degree) Practical term 3			Master thesis (dual study program)			
2	Biological Waste Treatment	PBL	3										
3	Waste and Environmental Chemistry	PR	2										
4													
5													
6													
7	Environmental Protection and Management												
8	Health, Safety and Environmental Management	VL	2										
9	Health, Safety and Environmental Management	GÜ	1										
10	Integrated Pollution Control	VL	2										
11													
12				Management of Surface Water			Study Work Water						
13				Modelling of Flow in Rivers and Estuaries	VL	3							
14				Nature-Oriented Hydraulic Engineering / Integrated Flood Protection	PBL	2							
15													
16													
17													
18				Nexus Engineering - Water, Soil, Food and Energy									
19				Water & Wastewater Systems in a Global Context	VL	2							
20				Ecological Town Design - Water, Energy, Soil and Food Nexus	SE	2							
21													
22													
23													
24				Selected Topics in Environmental Engineering (part 1)			Selected Topics in Environmental Engineering (part 2)						
25				Selection from a catalog			Selection from a catalog						
26													
27				Fluid Mechanics, Hydraulics and Geo-information-systems in Water Management			Water Protection						
28				Geo-Information-Systems in Water Management and Hydraulic Engineering	PBL	2	Water Protection and Wastewater Management	VL	3				
29				Fluid Mechanics and Hydraulics	VL	2	Water Protection and Wastewater Management	PS	3				
30				Fluid Mechanics and Hydraulics	GÜ	1							
31													
32				Practical module 1 (dual study program, Master's degree)									
33				Practical term 1		0							
34													
35													
36													
37													
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39													
40													
41													
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.

