

# Course of Study Water and Environmental Engineering (Study Cohort w21)

Sample course plan A Master Water and Environmental Engineering (WUMS)

	Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory	
	Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement	
<b>Specialisation Cities</b>					
1	<b>Biology, Geology and Chemistry</b>		<b>Urban Environmental Management</b>		
2	Environmental Analysis VL 2		Urban Infrastructures PBL 2	<b>Master Thesis</b>	
3	Geology and Soil Science VL 2		Noise Protection VL 2		
4	Biology VL 2				
5					
6					
7	<b>Sustainability and Risk Management</b>		<b>Wastewater Systems</b>		
8	Environment and Sustainability VL 2		Advanced Wastewater Treatment VL 2		
9	Safety, Reliability and Risk Assessment SE 2		Advanced Wastewater Treatment HÜ 1		
10			Wastewater Systems - Collection, Treatment and Reuse VL 2		
11			Wastewater Systems - Collection, Treatment and Reuse HÜ 1		
12					
13	<b>Environmental Protection and Management</b>		<b>City Planning</b>		
14	Health, Safety and Environmental Management VL 2		City Planning PBL 4		
15	Health, Safety and Environmental Management GÜ 1		Chemistry of Drinking Water Treatment VL 2		
16	Integrated Pollution Control VL 2		Chemistry of Drinking Water Treatment HÜ 1		
17			Water Resource Management VL 2		
18			Water Resource Management GÜ 1		
19	<b>Wastewater Treatment and Air Pollution Abatement</b>		<b>Waste Treatment and Solid Matter Process Technology</b>		
20	Air Pollution Abatement VL 2		Solid Matter Process Technology for Biomass VL 2		
21	Biological Wastewater Treatment VL 2		Thermal Waste Treatment VL 2		
22			Thermal Waste Treatment HÜ 1		
23					
24					
25	<b>Integrated Transportation Planning</b>				
26	Integrated Transportation Planning PBL 4				
27					
28					
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.

