

Course of Study Water and Environmental Engineering (Study Cohort w22)

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

Specialisation Cities																
1	Biology, Geology and Chemistry Environmental Analysis Geology and Soil Science Biology			Urban Environmental Management Urban Infrastructures Noise Protection			Study Work Cities			Master Thesis						
2											VL	2	PBL	2		
3											VL	2	VL	2		
4																
5																
6																
7	Sustainability and Risk Management Environment and Sustainability Safety, Reliability and Risk Assessment			Wastewater Systems Advanced Wastewater Treatment Advanced Wastewater Treatment Wastewater Systems - Collection, Treatment and Reuse Wastewater Systems - Collection, Treatment and Reuse			Special Aspects of Waste Resource Management International Waste Management Advanced Topics in Waste Resource Management									
8											VL	2	VL	2	PBL	2
9											SE	2	HÜ	1	PBL	3
10													VL	2		
11													HÜ	1		
12																
13	Environmental Protection and Management Health, Safety and Environmental Management Health, Safety and Environmental Management Integrated Pollution Control			City Planning City Planning			Water Resources and -Supply Chemistry of Drinking Water Treatment Chemistry of Drinking Water Treatment Water Resource Management Water Resource Management									
14										VL	2	PBL	4	VL	2	
15										GÜ	1			HÜ	1	
16										VL	2			VL	2	
17														GÜ	1	
18																
19	Wastewater Treatment and Air Pollution Abatement Air Pollution Abatement Biological Wastewater Treatment			Waste Treatment and Solid Matter Process Technology Solid Matter Process Technology for Biomass Thermal Waste Treatment Thermal Waste Treatment			Process Modeling in Water Technology Process Modeling in Drinking Water Treatment Process Modelling of Wastewater Treatment									
20										VL	2	VL	2	PBL	2	
21										VL	2	VL	2	PBL	2	
22												HÜ	1			
23																
24																
25	Integrated Transportation Planning Integrated Transportation Planning															
26											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.

