

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

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

Specialisation Environment																	
1	Biology, Geology and Chemistry Environmental Analysis Geology and Soil Science Biology			Waste Treatment and Solid Matter Process Technology Solid Matter Process Technology for Biomass Thermal Waste Treatment Thermal Waste Treatment			Study Work Environment			Master Thesis							
2												VL	2	VL	2		
3												VL	2	HÜ	1		
4																	
5																	
6																	
7	Sustainability and Risk Management Environment and Sustainability Safety, Reliability and Risk Assessment			Management of Surface Water Modelling of Flow in Rivers and Estuaries Nature-Oriented Hydraulic Engineering / Integrated Flood Protection			Waste Treatment Technologies Biological Waste Treatment Waste and Environmental Chemistry										
8												VL	2	VL	3	PBL	3
9												SE	2	PBL	2	PR	2
10																	
11																	
12																	
13	Water Protection Water Protection and Wastewater Management Water Protection and Wastewater Management			Sustainable energy from wind and water Sustainability Management Wind Turbine Plants Wind Energy Use - Focus Offshore Hydro Power Use			Water Resources and -Supply Chemistry of Drinking Water Treatment Chemistry of Drinking Water Treatment Water Resource Management Water Resource Management										
14												VL	3	VL	2	VL	2
15												PS	3	VL	2	HÜ	1
16														VL	1	VL	2
17														VL	1	GÜ	1
18																	
19	Environmental Protection and Management Health, Safety and Environmental Management Health, Safety and Environmental Management Integrated Pollution Control			Advanced Vadose Zone Hydrology Vadose Zone Hydrology Vadose Zone Hydrology Modeling Processes in Vadose Zone			Subsurface Processes Subsurface Solute Transport Subsurface Solute Transport Modeling of Subsurface Processes										
20												VL	2	VL	2	VL	2
21												GÜ	1	HÜ	2	HÜ	1
22												VL	2	GÜ	2	GÜ	3
23																	
24																	
25	Wastewater Treatment and Air Pollution Abatement Air Pollution Abatement Biological Wastewater Treatment																
26												VL	2				
27												VL	2				
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.

