WAREM Studienverlaufsplan

Pre-course: 6 weeks of German Intensive Course

1st Semester	2nd Semester	3rd Semester	4th Semester	To be achieved:
Environmental Fluid Mechanics I 6 ECTS	Hydraulic Structures 6 ECTS			**Mandatory Modules:** **21 ECTS**
Sanitary Engineering 6 ECTS				
Seminar: Requirements of Professional Life in Engineering and Practice The 3 ECTS Module covers 3 semesters		3 ECTS		
Data, Statistics and Optimization 6 ECTS	Modelling of Hydrosystems 6 ECTS	Stochastical Modelling and Geostatistics 6 ECTS		**Selectable Mandatory Modules (5 out of 9):** **30 ECTS**
Water and Power Supply 6 ECTS	Integrated River Management and Engineering 6 ECTS			
Chemistry and Biology for Environmental Engineers 6 ECTS	Integrated Watershed Modelling 6 ECTS			
	Water Quality and Treatment 6 ECTS			
	Urban Drainage and Design of Waste Water Treatment Plants 6 ECTS			
Elective Module(s) 6 ECTS	Elective Module(s) 6 ECTS	Elective Module(s) 6 ECTS	**Master's Thesis:** **30 ECTS**	**6 Elective Modules:** **33 - 36 ECTS**
		Or 5 elective Modules and –**if offered-** one short course à 3 ECTS		
German Course 3 ECTS	German Course 3 ECTS			**Mandatory Modules:** **6 ECTS** **EITHER** 6 ECTS German Course **OR** 3 ECTS German Course and 3 ECTS Key Qualification **OR** 6 ECTS Key Qualification
	or			
	Key Qualification 3 ECTS	Key Qualification 3 ECTS		

Groundwater Resources Management and Geohydrology	Sanitary Engineering	Hydraulic Engineering and River Basin Management

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