

WAREM Studienverlaufsplan

	1 st Semester	2 nd Semester	3 rd Semester	4 th Semester	To be achieved:	
Pre-course: 6 weeks of German Intensive Course	Environmental Fluid Mechanics 1 6 ECTS	Hydraulic Structures 6 ECTS		Master's Thesis 30 ECTS	Mandatory Modules: 21 ECTS	
	Sanitary Engineering 6 ECTS					
	Seminar: Requirements of Professional Life in Engineering and Practice The 3 ECTS Module covers 4 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			Elective Modules: 33/36 ECTS *Only ONE Short Course possible
		Short Course 3 ECTS*	Short Course 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			
Groundwater Resources Management and Geohydrology	Sanitary Engineering	Hydraulic Engineering and River Basin Management				

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