

WAREM Studienverlauf/WAREM Study Plan									
Pre-course: 6 weeks of German Intensive Course		1st semester		2nd Semester		3rd semester		4th semester	To be achieved
		Applied Fluid Mechanics 6 ECTS							Mandatory Modules = 18 ECTS
		Sanitary Engineering 6 ECTS							
		Hydraulic Structures 6 ECTS							
		Data, Statistics and Optimization 6 ECTS		Modelling of Hydrosystems 6 ECTS		Stochastical Modelling and Geostatistics 6 ECTS			
		Chemistry and Biology in Engineering 6 ECTS		Integrated Flood Protection Planning 6 ECTS					Selectable mandatory Modules = 30 ECTS (5 out of 8)
				Integrated Watershed Modelling 6 ECTS					
				Water Quality and Treatment 6 ECTS					
				Urban Drainage and Design of Waste Water Treatment Plants 6 ECTS				Master's Thesis 30 ECTS	
		Elective module(s) 6 ECTS		Elective module(s) 6 ECTS		Elective module (s) 6 ECTS			6 Electives = 36 ECTS
		German Course 3 ECTS		German Course 3 ECTS					
				or					Mandatory Modules = 6 ECTS
				Key Qualification 3 ECTS		Key Qualification 3 ECTS			EITHER: 6 ECTS German course or 3 ECTS German Course and 3 ECTS Key Qualification or 6 ECTS Key Qualification

Groundwater Ressources Management and Geohydrology	Hydraulic Engineering and River Basin Management	Sanitary Engineering
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updated 22.07.2026