

WAREM Studienverlaufsplan

	1 <sup>st</sup> Semester	2 <sup>nd</sup> Semester	3 <sup>rd</sup> Semester	4 <sup>th</sup> Semester	To be achieved:	
<b>Pre-course: 6 weeks of German Intensive Course</b>	Environmental Fluid Mechanics 1 6 ECTS	Hydraulic Structures 6 ECTS		<b>Master's Thesis 30 ECTS</b>	<b>Mandatory Modules: 21 ECTS</b>	
	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			<b>Selectable Mandatory Modules (5 out of 9): 30 ECTS</b>
	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			<b>Elective Modules: 33/36 ECTS *Only ONE Short Course possible</b>
		Short Course 3 ECTS*	Short Course 3 ECTS*			
German Course 3 ECTS	German Course 3 ECTS			<b>Mandatory Modules: 6 ECTS EITHER 6 ECTS German Course OR 3 ECTS German Course and 3 ECTS Key Qualification OR 6 ECTS Key Qualification</b>		
	<b>or</b>	Key Qualification 3 ECTS			Key Qualification 3 ECTS	
Groundwater Resources Management and Geohydrology	Sanitary Engineering	Hydraulic Engineering and River Basin Management			Updated: 13.3.2019	