Gültig ab WiSe 24/25

Sem.	Student Research	Mandatory Courses		Supplement Courses		
1st	Research Planning & Scientific Communication (3 CP)	Hydrochemistry and -biology (3 CP)	Hydrology and Water Resources Management (6 CP)	Coastal and Estaurine Management (6 CP)	Hydropower Engineering (6 CP)	Supplements from 3rd Semester
		Environmental Hydraulics (6 CP)	Statistical Methods (6 CP)		Soil Mechanics for Hydraulic Structures (3 CP)	
	Research Project (6CP)	Meteorology and Climatology (3 CP)				
2nd		Hydrological Extremes (6 CP)	Industrial Water Supply and Water Management (6 CP)	Ecology and Water Quality Management (9 CP)	Field Measuring Techniques in Coastal Eng. (6 CP)	Maritime and Port Engineering (6 CP)
			Solid Waste Management (6 CP)	Water Economics (5 CP)	Flow & Transport Processes (6 CP)	Urban Hydrology (3 CP)
				Environmental Planning (3 CP)	Wetland Ecology and Management with Excursion (6 CP)*	Modelling in Sanitary Eng. (6 CP)
						Wetland Ecology and Management (3CP)
3rd		GIS and Remote Sensing (6 CP)	Infrastructures for Water Supply and Wastewater Disposal (6 CP)	Special Topics in Hydrology and Water Resource Mgmt. (3 CP)*	Recycling and Circular Economy (6 CP)	Supplements from 1st Semester
		Water Resources Systems Analysis (6 CP)		Special Topics in Sanitary Engineering (3 CP)	Innovative Bioprocesses for Waste Valorization (6 CP)	STUDIUM GENERALE up to 6 CP possible
4th	Master Thesis (24CP)					Supplements from 2nd Semester

* not offered in WiSe 24/25 & SoSe 25

Soft skill/ thesis | Basics | Major A: Water Resources Management | Major B: Sanitary Engineering | Mandatory (for Major) | Elective

At the end you need 120 credit points to earn the master's degree