

MODULE PLAN

International Master study program: WATER ENGINEERING MASTER (WEM)

17.01.2021 Oertel

		Basic Research Methods						Water Quality						Societal Challenges & Urbanization						Water Engineering						Modeling					
ECTS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Semester 1, 2 and 3	1st Sem.	Higher Mathematics, Data Science Külls MP-K (60 min) WEM1110			Research Methods Oertel MP-P, SL *a) WEM1120 (1121+1122)			Water Regulation Wellbrock MP-K (60 min) WEM1130			Advanced Waste Water Treatment Wellbrock MP-P, SL *a) WEM1140 (1141+1142)			Urban Water Protection Grottker MP-PF WEM1150						Hydraulic Engineering Oertel MP-P, SL *a) WEM1160 (1161+1162)						Simulation and Modeling I Külls MP-P, SL *a) WEM1170 (1171+1172)					
	2nd Sem.	Geographic Information Systems Külls MP-P WEM1210						Applied Freshwater Ecology Reintjes MP-PF WEM1220						Sustainable Urban Systems Schwartzte MP-PF WEM1230						Hydrological Engineering Külls MP-P WEM1240						Simulation and Modeling II Oertel MP-P, SL *a) WEM1250 (1251+1252)					
	3rd Sem.	Mobility Window I ERASMUS Elective module *1) WEM2700/3000/4000						Mobility Window II ERASMUS Elective module *1) WEM2700/3000/4000						Mobility Window III ERASMUS Elective module *1) WEM2700/3000/4000						Mobility Window IV ERASMUS Elective module *1) WEM2700/3000/4000						Mobility Window V ERASMUS Elective module *1) WEM2700/3000/4000					
Semester 4	4th Sem.	Master Thesis (25 weeks) *2)																											Master Colloquium (mk) *3)		
	ECTS	Final Thesis WEM6000																											Final Colloquium WEM8000		

Module examinations / Modulprüfungen

1. MP-M Oral examination	2. MP-V Presentation	3. MP-K Written examination	4. MP-S Study work	5. MP-P Project	6. MP-PF Portfolio	7. SL Study achievement
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Module name (Module abbrev.)	*1)
Semester hours	*2)
Examinations	*3)
Module number	*a)

- *1) Elective modules can be selected from TH Lübeck's or other universities' lecture programs with a total amount of 30 ECTS. A prior counseling interview with the head of the study program is obligatory.
 - *2) To start the Master Thesis, all modules from semester 1 to 3 must be successfully passed.
 - *3) To attend the final colloquium, all modules from semester 1 to 3 and the Master Thesis must be successfully passed.
 - *a) Attendance mandatory.
- WEMxxx = further internal module number