Master's Programme in Water and Environmental Engineering (WAT)

COURSE TIMETABLE FOR THE 1st YEAR (2019-20)

10.3.2020

Period I	Period II	Period III	Period IV	Period V
WAT-E1011 WATER & ENVIRONMENT (10 cr), incl. Personal Learning Portfolio				
WAT-E1030 COMPUTATIONAL METHODS				
	WAT-E2010 GROUNDWATER HYDROLOGY (5 cr)	WAT-E2030 HYDROLOGICAL MODELLING (5 cr)		WAT-E2040 SURFACE WATER RESOURCES (5 cr)
			WAT-E2020 ENVIRONMENTAL HYDRAULICS (5 cr)	
	WAT-E2060 SUSTAINABLE BUILT ENVIRONMENT (5 cr)	WAT-E2080 WATER & GOVERNANCE (5 cr)		WAT-E2090 WATER & PEOPLE IN A CHANGING WORLD (5 cr)
	WAT-E2140 SUSTAINABILITY IN ENVIRONMENTAL ENGINEERING (5 cr)	WAT-E2070 SUSTAINABLE GLOBAL TECHNOLOGIES STUDIO (10 cr)		
	WAT-E2100 URBAN WATER SYSTEMS (5 cr)	WAT-E2120 PHYSICAL & CHEMICAL TREATMENT OF WATER & WASTE (5 cr)	WAT-E2180 BIOLOGICAL TREATMENT OF WATER & WASTE (5 cr) - AaltoCHEM	WAT-E2130 MODELLING & CONTROL OF TREATMENT PROCESSES (5 cr)
			WAT-E2110 DESIGN & MGT OF WATER AND WASTEWATER NETWORKS (5 cr)	
WAT-3010 SPECIAL COURSE ON WATER & ENVIRONMENTAL ENGINEERING (5 cr) (can be taken during any period)				

The 60 credit Major consists of two common courses (10 cr + 5 cr) as well as 45 credits of advanced courses: these can be selected from the 16 courses available above.

The advanced courses include four thematic study paths: the students can either follow those paths or create their own course mix based on their interests. The personal portfolio created during the Introductory course facilitates this decision.

The thickness of the course is indicative for credits / period.

LEGEND

COMMON	WATER RESOURCES
WATER & WASTEWATER	WATER & DEVELOPMENT