

Summer Semester

Water Science and Engineering MSc

	Monday				Tuesday		Wednesday				Thursday		Friday	
08:00					CC911 KLAR Prob Stat	PA224 HORN Biofilm Sys	CC912 WEIB Num Math	CC925 ZARZALIS Mass Transfer	PB653 OBERLE Ener WB	SM961 BIEBERSTEIN Erddammb	AF601 NESTMANN Des Hyd Str	PB655 KRON Verk WB	CC921 GUTHAUSEN Instr Anal	PC821 GÖPPERT Prep Sem
10:00		PB633 NESTMANN Morphodyn	PC561 MOHRLOK Grw Hyd	PC986 DAMM Ökosyngmt	PA222 HORN Membr Tech	PB523 UHLMANN FM turb Flow	AF801 GOLDSCHIEDER Gen + Appl Hydrogeol		PB653 OBERLE Ener WB		AF401 EIFF Adv FM	PB655 KRON Verk WB	CC912 JAHNKE Num Math	
12:00	CC773 ZEHE Geostatistics	PB633 SEIDEL Flow beh	PC762 KÄMPF Riv Sys				CC792 KÄMPF Env Comm	PB631 TREVISAN GW Flow Structures	PB522 UHLMANN ParProg		AF401 EIFF AdvFM	CC773 ZEHE Geostatistics		PC732 WIENHÖFER Hydrol Meas
14:00	PA322 FUCHS WWTT	PC725 ZEHE Trans Cont	PB523 UHLMANN FM turb Flow	SM973 HOSHYARIPOUR Turb Diff	CC471 EIFF Exp Meth	PB522 UHLMANN Num FM II			PC341 FUCHS Mass Flx RB			PC725 ZEHE Trans Cont	AF601 NESTMANN Multiphase Flow	PA982 SCHWARTZ MiBi Eng
16:00	PA321 FUCHS WWTT			SM973 HOSHYARIPOUR Turb Diff	CC471 EIFF Exp Meth			CC371 FUCHS Appl Ecol				PC722 EHRET Design Proj WRRM		
18:00														

BLOCK COURSES			(please check online calendar, websites of institutes, or ask lecturer)		
CC371 Field Training Water Quality	CC921 Organic Trace Analysis of Aqueous Samples	CC935 Geodateninfrastrukturen und Webdienste			
CC911 Probability and Statistics – Video Lecture	CC912 Numerische Mathematik – Video Lecture	PA321 Seminar / excursion			
PC731 Hydrological Measurements: 24.-29.05.2021	PC821 Gelände- und Laborübung: 02.08.-06.08.2021	PC841 Hydrogeologie: Karst + Isotope			

Winter Semester

Water Science and Engineering MSc

	Monday			Tuesday			Wednesday			Thursday		FRIDAY	
08:00		CC571 UHLMANN Numerical Algorithms		AF701 ZEHE Water & En Cycles			CC774 EHRET Data Analysis	PA621 OBERLE Wat Dis Sys		AF201 ABBT-BRAUN Fundam Wat Qual		AF801 GÖPPERT Field Meth Hydrogeo	
10:00	AF501 UHLMANN Numerical Fluid Mech I	PC561 MOHRLOK Num GrWat Model		AF701 ZEHE Water & En Cycles	CC791 KÄMPF Int Infrastruc Plan	PC841 GOLDSCHIEDER Karst- hydrogeo	CC774 EHRET Data Analysis	PA621 OBERLE Wat Dis Sys	SM879 BLUM Thermal Use GW	PB421 EIFF Env Fluid Mech	PB641 GROMKE Flow Meas Tech	CC931 WEIDNER Meth Rem Sens	PA982 THIEM Environ Biotech
12:00				PA321 FUCHS Munic WwTreat	CC791 KÄMPF Infrastruc Plan	PB651 OBERLE Num StrömMod	CC792 KÄMPF Umw.komm	PB521 UHLMANN Modeling Turb Flow	PA221 HORN Water Tech	PB661 SEIDEL Proj Stud WWP		CC571 UHLMANN Numerical Algorithms	PB651 OBERLE Num StrömMod
14:00	AF301 FUCHS Urb Wat M	PA221 HORN Water Tech	PB521 UHLMANN Modeling Turb Flow		PB631 GEBHARDT Flow Hydr Struc		AF501 UHLMANN Numerical Fluid Mech I	CC933 WURSTHORN RÖSCH INTRO GIS		PB421 EIFF Env Fluid Mech			
16:00	CC933 WURSTHORN RÖSCH Intro GIS	PC341 FUCHS Mod Mass Fl		AF201 ABBT-BRAUN Fund Wat Qual	PB641 NESTMANN Exp Hydraulics II		AF301 FUCHS Urb Wat M			AF101 WIENHÖFER ET AL. Mod Wat Env Sys	PC986 WITTMANN Fluss Auen Öko		
18:00								CC931 WEIDNER Meth Rem Sens					

BLOCK COURSES			
(please check online calendar, websites of institutes, or ask lecturer)			
CC922 Microbial Diversity 3rd block period	PA223 Practical Course in Water Technology	CC772 Intro Matlab	CC931 Meth Rem Sens 2 nd half of semester

Module Codes

AF Advanced Fundamentals	
AF101	Modeling of Water and Environmental Systems
AF201	Fundamentals of Water Quality
AF301	Urban Material Flows
AF401	Advanced Fluid Mechanics
AF501	Numerical Fluid Mechanics
AF601	Hydraulic Engineering
AF701	Water and Energy Cycles
AF801	Hydrogeology
CC Cross Cutting Methods and Competencies	
CC371	Freshwater Ecology
CC471	Experiments in Fluid Mechanics
CC571	Fundamentals of Numerical Algorithms for Engineers
CC772	Introduction to Matlab
CC773	Analysis of Spatial Data
CC774	Introduction to Environmental Data Analysis and Statistical Learning
CC791	Integrated Infrastructure Planning
CC792	Umweltkommunikation
CC911	Probability & Statistics
CC912	Numerische Mathematik
CC921	Instrumental Analysis
CC922	Mikrobielle Diversität
CC925	Mass Transfer and Reaction Kinetics
CC931	Remote Sensing & Positioning
CC933	Einführung in GIS
CC935	Geodateninfrastrukturen und Web-Dienste
CC949	Language Skills

PA Profile A	
PA221	Water Technology
PA222	Membrane Technologies and Excursions
PA223	Practical Course in Water Technology
PA224	Biofilm Systems
PA225	Micropollutants in Aquatic Environment – Determination, Elimination, Environmental Impact
PA321	Wastewater Treatment Technologies
PA621	Water Distribution Systems
PA982	Applied Microbiology
PB Profile B	
PB421	Environmental Fluid Mechanics
PB431	Technische Hydraulik
PB521	Analysis of Turbulent Flows
PB522	Advanced Computational Fluid Mechanics
PB631	Hydraulic Structures
PB633	Flow and Sediment Dynamics in Rivers
PB641	Experimental Hydraulics and Measuring Techniques
PB651	Numerische Strömungsmodellierung im Wasserbau
PB653	Energiewasserbau
PB655	Verkehrswasserbau
PB661	Projektstudium: Wasserwirtschaftliche Planungen
PC Profile C	
PC341	River Basin Modeling
PC561	Groundwater Management
PC722	Integrated Design Project in Water Resources Management
PC725	Subsurface Flow and Contaminant Transport
PC732	Hydrological Measurements in Environmental Systems
PC762	Protection and Use of Riverine Systems
PC821	Hydrogeology – Field and Laboratory Methods
PC841	Hydrogeology – Karst and Isotopes