

↓ Modules

● = compulsory

* replacements -> see course catalogue; The information provided in the Course Catalogue at www.vvz.ethz.ch is binding.

	Major →		Urban Water Man.	Environm. Techn.	Resource Managt.	Water Res. Man.	River & Hydr. Eng.
	CP	Sem.					
Water Infrastr. Planning & Stormw. Managt. [WatInfra]							
Infrastructure Systems in Urban Water Management	3	2	●				
Urban Drainage Planning and Modelling	6	3					
Systems analysis in Urban Water Managt. [SysUWM]							
Systems Analysis and Mathematical Modelling in UWM	6	1	●	●			
Process Engineering Ia*	3	1					
Process Eng. in Urban Water Managt. [ProcUWM]							
Process Engineering Ib	3	2	●	●			
Process Engineering II	6	2					
Air Quality Control [AIR]							
Air Pollution Modeling and Chemistry	3	1					
Air Quality and Aerosol Mechanics	3	2		●			
Air Quality and Health Impact	3	2					
Waste Management [WASTE]							
Waste Recycling Technologies	3	1		●	●		
Process Engineering Ia*	3	1					
Waste Management and Circular Economy	3	2					
Ecological Systems Design [ESD]							
Advanced Environmental, Social and Economic Assessments	5	1	●		●		
Advanced Environmental Assessment (Computer Lab I)	1	1					
Prospective Environmental Assessments	3	2					
Groundwater [GROUND]							
Modelling Environmental Pollutants	3	2			●	●	
Groundwater II	6	2					
Water Resources Management [WRM]							
Watershed Modelling	6	1			●	●	●
Water Resources Management	3	2					
Flow and Transport [FLOW]							
Numerical Hydraulics	3	1					
River Morphodynamic Modelling	3	2				●	●
Ecohydraulics and Habitat Modelling	3	3					
Landscape [LAND]							
Landscape Planning and Environmental Systems	3	1					
Methodologies for Image Processing of Remote Sensing Data*	3	2				●	
River Basin Erosion*	3	3					
River Systems [RIVER]							
River Engineering	3	1					●
River Restoration	3	2					
River Basin Erosion*	3	3					
Hydraulic Engineering [HydEngr]							
Hydraulic Engineering II	6	1					●
Flood Protection	3	2					
Remote sensing and earth observation [RemSens]							
Basics and Princ. of Radar Remote Sensing for Env. Appl.	3	1					
Methodologies for Image Processing of Remote Sensing Data*	3	2					
Applied Radar Remote Sensing	3	3					
Soil [SOIL]							
Environmental Soil Physics/Vadose Zone Hydrology	3	1					
Soil Mechanics (for Environmental Engineers)	3	2					
Soil-Plant Water Relations	3	3					