

Module title			Abbreviation
Adaptation Measures and Strategies in Water Management			07-MGCS-W-AD-252-m01
Module coordinator		Module offered by	
Dean of the Faculty of Biology		Faculty of Biology	
ECTS	Method of grading	Only after succ. compl. of module(s)	
10	numerical grade	--	
Duration	Module level	Other prerequisites	
1 semester	graduate	--	
Contents			
<p>The module will include workshops, lectures and seminars on:</p> <ul style="list-style-type: none">• Anthropological approaches to water sustainability Environmental earth sciences• Nature-based Solutions (NbS)• Managed Aquifer Recharge (MAR) techniques Virtual water (green, blue and grey water) Water chemistry & treatment• Water governance• Water economics and policy (including degrowth water economics)• Water footprint• Water hydraulics & engineering			
Intended learning outcomes			
<p>In this module, the student will learn about the global importance of water adaptation strategies and integrated management of water in a safe, sustainable and equal manner.</p> <p>After this module, the student will be able to relate natural, social, economic and legal issues to water management and formulate their interdependence. Graduates can creatively think about and find potential interventions and measures to water quality and quantity challenges in a trans/interdisciplinary team.</p>			
Courses (type, number of weekly contact hours, language — if other than German)			
<p>S (4)</p> <p>Module taught in: English</p>			
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)			
<p>Portfolio (10 to 15 written or oral assessments, each 5 to 10 pages or 10 to 15 minutes)</p> <p>Oral examinations can also be held as group examinations. The examination time will be determined according to the number of participants, with the specified time frame of 10 to 15 minutes being applied per candidate.</p> <p>Language of assessment: English</p>			
Allocation of places			
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Additional information			
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Workload			
300 h			
Teaching cycle			
Teaching cycle: every semester			
Referred to in LPO I (examination regulations for teaching-degree programmes)			
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Module appears in			
Master's degree (1 major) Global Challenges for Sustainability (2025)			