

Course schedule

Structure unit/ module	Type	Credits	Semester hours per week (L/E/P)			
			1. Sem.	2. Sem.	3. Sem.	4. Sem.
Hydrology & Hydrometry Hydrology & Hydrometry B621	Compulsory module	5	0/2/2			
Thermal Renewable Energy Thermal Renewable Energy M948	Compulsory module	5	2/2/0			
Innovation in Industry and Transportation Innovation in Industry and Transportation M949	Compulsory module	3	0/2/0			
Scientific Work, Communication and Project Management Scientific Work, Communication and Project Management W935	Compulsory module	2	0/2/0			
Engineering Hydrology (Floods and Droughts) Engineering Hydrology (Floods and Droughts) B622	Compulsory module	5		2/2/1		
Renewable Energy (Solar, Wind, Waterpower) Renewable Energy (Solar, Wind, Waterpower) E841	Compulsory module	3		2/0/0		
Sustainable Agriculture/ Organic Farming Sustainable Agriculture/ Organic Farming L913	Compulsory module	2		1/1/0		
Urban Ecology Urban Ecology L915	Compulsory module	5		2/2/0		

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			1. Sem.	2. Sem.	3. Sem.	4. Sem.
Agile Green Business Design Agile Green Business Design W921	Compulsory module	5		2/2/0		
Environmental Impact Assessment Environmental Impact Assessment B628	Compulsory module	2			0/2/0	
Soil Management Soil Management L910	Compulsory module	5			1/2/1	
Floodplain Ecology Floodplain Ecology L911	Compulsory module	3			2/0/0	
Master thesis Master thesis B680	Compulsory module	30				X
Wahlpflichtmodule 1. Semester Es sind zwei Module auszuwählen. You have to choose at least 2 modules.	Block	10	8			
Water, Air and Soil Analysis Water, Air and Soil Analysis B626	Compulsory elective module	5	0/2/2			
Geographic Information Systems Geographic Information Systems G975	Compulsory elective module	5	2/0/2			
Remote Sensing Remote Sensing G982	Compulsory elective module	5	2/2/0			
Applied Programming (Python) Applied Programming (Python) I928	Compulsory elective module	5	0/2/2			

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Wahlpflichtmodule 3. Semester Es sind mindestens 4 Module mit einem Umfang von mindestens 20 ECTS auszuwählen. You have to choose at least 4 modules.	Block	20			16	
Hydraulic Modeling Hydraulic Modeling B623	Compulsory elective module	5			0/0/4	
Water and Wastewater Treatment Water and Wastewater Treatment B625	Compulsory elective module	5			2/1/1	
Experimental Soil Mechanics Experimental Soil Mechanics B636	Compulsory elective module	3			0/1/2	
Construction Materials Construction Materials B663	Compulsory elective module	5			1/2/1	
Railway Engineering Railway Engineering B672	Compulsory elective module	2			0/2/0	
Urban Transport Planning Urban Transport Planning B673	Compulsory elective module	5			2/0/2	
Building Information Modeling (BIM) Building Information Modeling (BIM) G449	Compulsory elective module	5			2/0/2	
Wahlpflichtmodule 2. Semester You have to choose at least 2 modules.	Block	10		8		
Climate Change Climate Change B624	Compulsory elective module	5		2/2/0		
Managed Aquifer Recharge Managed Aquifer Recharge B629	Compulsory elective module	5		0/0/4		

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			1. Sem.	2. Sem.	3. Sem.	4. Sem.
Solid Waste Management and Recycling Solid Waste Management and Recycling B635	Compulsory elective module	5		2/2/0		
Landscape Development / Soil and Water Bioengineering Landscape Development / Soil and Water Bioengineering L912	Compulsory elective module	5		2/2/0		
German Language - Deutsch als Fremdsprache You have to choose at least 1 module.	Block	5	4			
German for Environmental Engineering A1 I DaF B A1 I S101	Compulsory elective module	5	0/4/0			
German for Environmental Engineering A2 I DaF B A2 I S102	Compulsory elective module	5	0/4/0			
Total semester hours per week (SWS) per semester:			24	25	24	0
Total ECTS credits per semester:			30	30	30	30