

List of Modules in the Master's Program Infrastructure Planning

General Plan of Studies, valid as of SS 2024

Module	Offered in Semester				ECTS
	1	2	3	4	Credits
Mandatory Modules	WS	SS	WS	SS	
General Aspects of Infrastructure Planning	x				6
Statistics and GIS	x				6
Environmental Aspects		x			6
Regional and Urban Planning I	x				6
Regional and Urban Planning II		x			6
Transport Planning and Modelling		x			6
Water and Power Supply	x				6
Sanitary Engineering	x				6
Case Study			x		12
Specialization Modules (Elective Modules)					
Project Planning and Financing		x	x		6
Applied GIS		x			6
Methodological Aspects of Infrastructure Planning		x			6
Regional and Urban Planning III			x		6
Traffic Engineering and Road Construction			x		6
Public Transport and Railway Operation		x			6
Empirical Studies: Methodology and Applications		x			
Hydraulic Structures	x	x			6
Water Quality and Treatment		x			6
Urban Drainage & Design of Wastewater Treatment Plants		x			6
Tendering, Contracting and Project Management			x		6
Building Materials			x		6
Ecological Design and Landscape Planning			x		6
Planning and Design of Water Supply Facilities			x		6
Building Information Modelling		x			3
Thermal Treatment of Sewage Sludge, Phosphorus Recycling Processes and related application of the right to access environmental information			x		6
German Courses and Key Qualifications					
German Language 1	x				3
German Language 2		x			3
Key Qualification 1	x				3
Key Qualification 2		x			3
Master's Thesis					
Master's Thesis				x	30