

# List of Modules in the Master's Program Infrastructure Planning

## General Plan of Studies, valid as of SS 2026

Module	Offered in Semester				ECTS
	1	2	3	4	Credits
<b>Mandatory Modules</b>	<b>WS</b>	<b>SS</b>	<b>WS</b>	<b>SS</b>	
<a href="#">General Aspects of Infrastructure Planning</a>	x				6
<a href="#">Statistics and GIS</a>	x				6
<a href="#">Environmental Aspects</a>		x			6
<a href="#">Regional and Urban Planning I</a>	x				6
<a href="#">Regional and Urban Planning II</a>		x			6
<a href="#">Transport Planning and Modelling</a>		x			6
<a href="#">Water and Power Supply</a>	x				6
<a href="#">Sanitary Engineering</a>	x				6
<a href="#">Case Study</a>			x		12
<b>Specialization Modules (Elective Modules)</b>					
<a href="#">Project Planning and Financing</a>		x	x		6
<a href="#">Applied GIS</a>		x			6
<a href="#">Methodological Aspects of Infrastructure Planning</a>		x			6
<a href="#">Regional and Urban Planning III</a>			x		6
<a href="#">Traffic Engineering and Road Construction</a>			x		6
<a href="#">Public Transport and Railway Operation</a>		x			6
<a href="#">Empirical Studies: Methodology and Applications</a>		x			6
<a href="#">Water Quality and Treatment</a>		x			6
<a href="#">Urban Drainage &amp; Design of Wastewater Treatment Plants</a>		x			6
<a href="#">Tendering, Contracting and Project Management</a>			x		6
<a href="#">Building Materials</a>			x		6
<a href="#">Ecological Design and Landscape Planning</a>			x		6
<a href="#">Planning and Design of Water Supply Facilities</a>			x		6
<a href="#">Building Information Modelling</a>		x			3
<b>German Courses and Key Qualifications</b>					
German Language 1	x				3
German Language 2		x			3
Key Qualification 1	x				3
Key Qualification 2		x			3
<b>Master's Thesis</b>					
<a href="#">Master's Thesis</a>				x	30