**Civil Engineering
Master (M. Sc.)**

Teaching Fields	Semester 1	CP	Semester 2	CP	Semester 3	CP	Semester 4	CP
Basics	**BIW-M-Mod-101** Engineering Mathematics	5	**BIW-M-Mod-201** Structures of Underground Engineering	5				
	BIW-M-Mod-201 Computer Science in Structural Engineering	5	**BIW-M-Mod-202** Rehabilitation of Structures	5				
	BIW-M-Mod-103 Steel Structures	5						
	BIW-M-Mod-104 Concrete Structures	5						
Infrastructural Engineering	**BIW-M-Mod-209** Construction Techniques Restructuring and Retrofitting of Technical Infrastructure	5	**BIW-M-Mod-206** Paradigm Change in in the Built Environment	5	**BIW-M-Mod-306** Design of Technical Infrastructure	10		
	BIW-M-Mod-309 Immission Control / Noise Control	5	**BIW-M-Mod-207** Urban Waters	5	**BIW-M-Mod-307** Water Sensitive Urban Design	5		
			BIW-M-Mod-208 Planning Processes Restructuring / Retrofitting of Technical Infrastructure	5	**BIW-M-Mod-308** Road Design	5		
			BIW-M-Mod-211 Energy Infrastructure	5				
Elective							**BIW-M-Mod-403 Elective**	5
							BIW-M-Mod-404 Elective	5
Cross-Curricular Programme					**Q-M-Mod-002 Q-Studies** Q-Studies I Q-Studies II	5		
					BS-M-Mod-001 Project Management lecture seminar	5		
Thesis							**BIW-M-Mod-403 Thesis**	20
Total CPs	120	30		30		30		30