Civil Engineering
Bachelor (B. Sc.)

Teaching Field	Semester 1	CP	Semester 2	CP	Semester 3	CP	Semester 4	CP	Semester 5	CP	Semester 6	CP
Basics of Civil Engineering Methods	**BIW-B-Mod-101** Engineering Mathematics I	5	**BIW-B-Mod-201** Engineering Mathematics II	5								
			BIW-B-Mod-202 Construction Physics Construction Physics I	5	Construction Physics II							
	BIW-B-Mod-103 Technical Mechanics	5	**BIW-B-Mod-203** Theory of Material Strength	5	**BIW-B-Mod-301 Statics of Structures** Statics of Structures I	10	Statics of Structures II					
	BIW-B-Mod-104 Constructing Material Science I	5	**BIW-B-Mod-204** Constructing Material Science II	5								
Basics of Design and Construction	**BIW-B-Mod-105 Building Construction/CAD** Building Construction I Skills 2: CAD	12,5	Building Construction II		**BIW-B-Mod-302** Basics of Designing of Building Structures	5	**BIW-B-Mod-402** Designing of Building Structures	5				
Structural Engineering					**BIW-B-Mod-303** Geotechnics I	5	**BIW-B-Mod-403** Geotechnics II	5	**BIW-B-Mod-501** CAE	5		
							BIW-B-Mod-404 Steel and Timber Structures Steel and Timber Structures I	10	Steel and Timber Structures II			
							BIW-B-Mod-405 Concrete Structures Concrete Structures I	10	Concrete Structures II			
Construction Management					**BIW-B-Mod-304 Basics of Law** Basics 3: Public Building Law Private Building Law	5			**BIW-B-Mod-502 Construction Management** Construction Management I	7,5	Construction Management II	
Technical Infrastructure					**BIW-B-Mod-306** Hydraulic Engineering I	5	**BIW-B-Mod-406** Hydraulic Engineering II	5			**BIW-B-Mod-604** Sanitary Environmental Engineering	5
									BIW-B-Mod-503 Transport Planning and Traffic Infrastructure Transport Planning and Traffic Infrastructure I	10	Transport Planning and Traffic Infrastructure II	
Surveying Engineering									**BIW-B-Mod-506 Surveying Engineering** Geodesy I	5	Practical Course Geodesy I	
Elective											**BIW-B-Mod-605 Elective** (also 2 x 2,5 CP possible)	5
Cross-Curricular Programme	**SK-B-Mod-001** Interdisciplinary Qualifications and Competences	2,5	**SK-B-Mod-002 Instruments for Analysis and Visualization** Skills 2 (free of choice)	5	Computer Science							
	BS-B-Mod-001 Concepts and Methods Theoretical and Conceptual Foundations	5	Methodic Foundations									
	BS-B-Mod-002 History History of Architecture and Structural Design	2,5	**Q-B-Mod-100 Q-Studies** Q-Studies I	2,5					**Q-B-Mod-200 Q-Studies** Q-Studies II	2,5		
Thesis											**BIW-B-Mod-601 Thesis**	10
total CPs	**180**	**30**		**30**		**30**		**30**		**30**		**30**