## Course of Study Civil- and Environmental Engineering (Study Cohort w15)

Sample course plan - Bachelor Civil- and Environmental Engineering (BUBS)

							Compulsory Compulsory						
LP	Semester 1	FormHrs/w	k Semester 2	FormHrs/w	Semester 3	FormHrs/w	k Semester 4	FormHrs/wl	Semester 5	FormHrs/wl	Semester 6	FormHrs/wk	
1	Principles of Building Materials and B	uilding	Structural Design		Hydraulic Engineering I		Reinforced Concrete I		Steel Structures I		Steel Structures II		
2	Physics		Basics of Structural Design	VL 2	Hydromechanics	VL 2	Reinforced Concrete Design I	VL 2	Steel Structures I	VL 2	Steel Structures II	VL 2	
3	,	VL 2	Seminar in Structural Design	HÜ 1	Hydromechanics	HÜ 1	Reinforced Concrete Design I	HÜ 2	Steel Structures I	HÜ 2	Steel Structures II	HÜ 2	
-	ŭ ,	VL 2 HÜ 1	Seminar in Structural Design	SE 2	Hydrology	VL 1	Project Seminar Concrete I	SE 1					
4	ŭ ,	UE 1			Hydrology	POL 1							
5	Dulluling I mysics	OL I											
6													
7	Chemistry		Building Materials and Building Chemistry		Structural Analysis I		Civil- and Enviromental Management		Water Management		Sanitary Engineering		
8	·	VL 2	Building Materials and Building	VL 4	Structural Analysis I	VL 2	Environmental Law	VL 1	Groundwater Hydrology	VL 1	Wastewater Disposal	VL 2	
9	·	VL 2	Chemistry		Structural Analysis I	HÜ 2	Construction Management	VL 2	Groundwater Hydrology	HÜ 1	Wastewater Disposal	HÜ 1	
		HÜ 1	Building Materials and Building Chemistry	UE 1			Construction Management	HÜ 1	Water Management and Water 0	Quality VL 2	Drinking Water Supply	VL 2	
10	Chemistry II	HÜ 1	Orientistry				Law of Building Contracts	VL 1			Drinking Water Supply	HÜ 1	
11													
12													
13	Mathematics I		Mechanics II: Mechanics of Materials		Foundations of Management		Geotechnics I		Concrete Structures II		Bachelor Thesis		
14	Linear Algebra I	VL 2	Mechanics II	VL 2	Introduction to Management	VL 4	Soil Mechanics	VL 2	Concrete Structures II	VL 3		_	
15		UE 1	Mechanics II	UE 2	Project Entrepreneurship	POL 2	Soil Mechanics	HÜ 2	Concrete Structures II	HÜ 1			
	·	HÜ 1	Mechanics II	HÜ 2			Soil Mechanics	POL 2	Project Concrete Structures II	PS 1			
16		VL 2 UE 1											
17	·	HÜ 1											
18	- Timely ord T												
19			Mathematics II		Mathematics III		Structural Analysis II		Geotechnics II				
20			Linear Algebra II	VL 2	Analysis III	VL 2	Structural Analysis II	VL 2	Foundation Engineering	VL 2			
21	Mechanics I (Statics)		Linear Algebra II	UE 1	Analysis III	UE 1	Structural Analysis II	HÜ 2	Foundation Engineering	HÜ 2			
-		VL 2	Linear Algebra II	HÜ 1	Analysis III	HÜ 1			Foundation Engineering	POL 2			
22		UE 2	Analysis II Analysis II	VL 2 HÜ 1	Differential Equations 1  Differential Equations 1	VL 2 UE 1							
23	Mechanics I	HÜ 1	Analysis II	UE 1	Differential Equations 1	HÜ 1							
24			.,,,,,		, , , , , , , , , , , , , , , , , , , ,								
25							Hydraulic Engineering II		Transportation Planning and Tr	affic			
26							Hydraulics	VL 1	Engineering				
27			Waste and Soil		Applications in Civil and Environ	mental	Hydraulics Hydraulic Engineering	HÜ 1 VL 2	Transport Planning and Traffic Engineering	POL 4			
28			Waste Ressources Management	VL 2	Engineering (part 1)		Hydraulic Engineering Hydraulic Engineering	VL 2 HÜ 1	Liighteening				
-			Waste Resource Management	HÜ 1	Selection from a catalog		The additional Engineering	110					
29			Waste, Biology and Soil	VL 2									
30													
31							Applications in Civil and Environmental						
32							Engineering (part 2)						
33					1		Selection from a catalog						
	Nontechnical Complementary	ontechnical Complementary Courses for Bachelors (from catalogue) - 6LP											

Core qualification Compulsory

Core qualification Elective

Specialisation Compulsory

Specialisation Elective

Focus Compulsory

Focus Elective Compulsory

Thesis Compulsory

Interdisciplinary complement

