## Course of Study General Engineering Science (English program, 7 semester) (Study Cohort w18) Legend:

Core gualification

Specialisation Compulsory Focus Compulsory

Thesis Compulsory

Sample course plan B Bachelor General Engineering Science (English program, 7 semester) (GESBS(7)) Spe

alisation Civil Engineering								Core qualification Elective Compulsory	Specia Compu	lisation Elective Ilsory	Focus Elective Co	ompulsory	Interdisciplinary complem
Semester 1	Formit irs/	Weemester 2	FormHrs/	Wellemester 3	Formirs	/wSkemester 4	FormHrs	/wSkemester 5	FormHrs	Wakemester 6	Formers	s/wSkemeste	r7 Fo
Chemistry (GES) Chemistry I Chemistry II Chemistry I Chemistry II	VL 2 VL 2 HÜ 1 HÜ 1	Thermodynamics I Technical Thermodynamics I	mics I VL 2 HÜ 1 UE 1	Technical Thermodyna II Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II		Building Chemistry	VL 4 UE 1	, , ,	VL 3 UE 1	Foundations of Introduction to Management Management Tut	VL 3	Advance	ed Internship GES
Linear Algebra VL 4 Linear Algebra HÜ 2 Linear Algebra UE 2		VL 4 HÜ 2 UE 2	Mathematics III Analysis III Analysis III Analysis III Differential Equations 1 Differential Equations 1	VL 2 UE 1 HÜ 1 VL 2 UE 1	1 Design I 1 Reinforced Concrete Design I Project Seminar	VL 2 HÜ 2 SE 1	Introduction to Control Systems Introduction to Control Systems Introduction to Control Systems		Structural DesignBasics of StructuralVLDesignExercises in StructuralHÜDesignSeminar in StructuralPBDesignSeninar in StructuralPBDesignSeminar in StructuralPB				
Electrical Engineering Electrical Engineering I Electrical Engineering I		Electrical Engineering I Electrical Engineering II Electrical Engineering II	VL 3	Differential Equations 1 Mechanics III Mechanics III Mechanics III	HU 1 HÜ 1 UE 2	Geotechnics I Soil Mechanics Soil Mechanics Soil Mechanics		Steel Structures I Steel Structures I Steel Structures I		Hydraulic Engir Hydraulics Hydraulics Hydraulic Engined Hydraulic Engined	VL 1 HÜ 1 ering VL 2		
Mechanics I (GES) Mechanics I Mechanics I	VL 2 HÜ 3		VL 2 HÜ 2	Mechanics III Principles of Building Materials and Building Physics Principles of Building		Structural Analysis II Structural Analysis II Structural Analysis II		Hydromechanics Hydrology	I VL 2 HÜ 1 VL 1 PBL1	Applications in Environmental I (part 2) Selection from a	Engineering	Bachelo	r Thesis
				Materials Building Physics Building Physics Building Physics	VL 2 HÜ 1 UE 1			Concrete Structures II Concrete Structures II Concrete Structures II	VL 2 HÜ 2				
Programming in C Programming in C Programming in C Physics for Engineers	VL 1 PR 1	Mechanical Engineering	<b>NL 2</b> UE 2	<b>Structural Analysis I</b> Structural Analysis I Structural Analysis I	VL 2 HÜ 2			Project Concrete Structures II	PS 1				
Physics for Engineers	VL 2							Applications in Civil a	- 4				

32	Physics for Engineers	UE 1	
33			

Environmental Engineering (part 1) Selection from a catalog

Nontechnical Complementary Courses for Bachelors (from catalogue) - 6LP

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.