

# Course of Study General Engineering Science (English program, 7 semester) (Study Cohort w17)

Sample course plan - Bachelor General Engineering Science (English program, 7 semester) (GESBS(7))  
Specialisation Civil Engineering

Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7											
1	<b>Chemistry (GES)</b> Chemistry I Chemistry II Chemistry I Chemistry II	<b>Technical Thermodynamics I</b> Technical Thermodynamics I Technical Thermodynamics I Technical Thermodynamics I	<b>Technical Thermodynamics II</b> Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II	<b>Building Materials and Building Chemistry</b> Building Materials and Building Chemistry Building Materials and Building Chemistry Building Chemistry	<b>Computer Engineering</b> Computer Engineering Computer Engineering	<b>Foundations of Management</b> Introduction to Management Management Tutorial	<b>Advanced Internship AIW/ GES</b>											
2								VL 2	VL 2	VL 2	VL 4	VL 3						
3								VL 2	VL 2	VL 2	VL 4	VL 3						
4								HÜ 1	HÜ 1	HÜ 1	UE 1	HÜ 2						
5								HÜ 1	HÜ 1	HÜ 1	UE 1	HÜ 2						
6								HÜ 1	UE 1	UE 1	UE 1	HÜ 2						
7	<b>Linear Algebra</b> Linear Algebra Linear Algebra Linear Algebra	<b>Mathematical Analysis</b> Mathematical Analysis Mathematical Analysis Mathematical Analysis	<b>Mathematics III</b> Analysis III Analysis III Analysis III	<b>Reinforced Concrete I</b> Reinforced Concrete Design I Reinforced Concrete Design I Project Seminar Concrete I	<b>Introduction to Control Systems</b> Introduction to Control Systems Introduction to Control Systems	<b>Structural Design</b> Basics of Structural Design Exercises in Structural Design Seminar in Structural Design												
8								VL 4	VL 4	VL 2	VL 2	VL 2						
9								HÜ 2	HÜ 2	UE 1	UE 2	HÜ 1						
10								HÜ 2	HÜ 2	UE 1	HÜ 2	HÜ 1						
11								UE 2	UE 2	HÜ 1	UE 2	HÜ 1						
12										VL 2	SE 1	UE 2						
13										UE 1								
14										HÜ 1								
15								<b>Electrical Engineering I</b> Electrical Engineering I Electrical Engineering I	<b>Electrical Engineering II</b> Electrical Engineering II Electrical Engineering II	<b>Mechanics III (GES)</b> Mechanics III Mechanics III Mechanics III	<b>Geotechnics I</b> Soil Mechanics Soil Mechanics Soil Mechanics	<b>Steel Structures I</b> Steel Structures I Steel Structures I						
16														VL 3	VL 3	HÜ 1	VL 2	VL 2
17														VL 3	VL 3	UE 2	HÜ 2	HÜ 2
18														UE 2	UE 2	VL 3	UE 2	
19	UE 2	UE 2	VL 3	UE 2														
20																		
21	<b>Mechanics I (GES)</b> Mechanics I Mechanics I	<b>Mechanics II (GES)</b> Mechanics II Mechanics II	<b>Principles of Building Materials and Building Physics</b> Principles of Building Materials Building Physics Building Physics Building Physics	<b>Structural Analysis II</b> Structural Analysis II Structural Analysis II	<b>Hydraulic Engineering I</b> Hydromechanics Hydromechanics Hydrology Hydrology	<b>Bachelor Thesis</b>												
22							VL 2	VL 2	VL 2	VL 2								
23							HÜ 3	HÜ 2	VL 2	HÜ 1	VL 1							
24							HÜ 3	HÜ 2	VL 2	HÜ 1	VL 1							
25									VL 2	HÜ 1	VL 1							
26									UE 1	UE 1	PBL1							
27	<b>Programming in C</b> Programming in C Programming in C	<b>Fundamentals of Mechanical Engineering (GES)</b> Fundamentals of Mechanical Engineering	<b>Structural Analysis I</b> Structural Analysis I Structural Analysis I	<b>Structural Analysis I</b> Structural Analysis I Structural Analysis I														
28							VL 1	VL 2	VL 2	VL 2								
29							PR 1	VL 2	HÜ 2	HÜ 2								
30	<b>Physics for Engineers (GES)</b>	Engineering																

31	Physics for Engineers	VL 2	Fundamentals of	UE 2	
32	Physics for Engineers	UE 1	Mechanical Engineering		

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.