Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w21)

					Core Qualification Compulsory Speciali	sation Compulsory Focus Compulsory	Thesis Compulsory
ample cours	irse plan B. Bachelor Genera	al Engineering Science (Germa	n program, 7 semester) (AIWBS	S(7))	Core Qualification Elective Compulsory Speciali	sation Elective Compulsory Focus Elective Compulsor	ory Interdisciplinary complement
	on Mechanical Engineering,		in program, 7 semester, (7 mms				
ecialisación	on Meenamear Engineering,	Todas Energy Systems					
Chemist	nistry	Electrical Engineering II: Alternating Current	Technical Thermodynamics II	Signals and Systems	Introduction to Control Systems	Foundations of Management	Advanced Internship AIW/ ES
Chemistry		Networks and Basic Devices	Technical Thermodynamics II VL 2	Signals and Systems VL 3	Introduction to Control Systems VL 2	Introduction to Management VL 3	Advanced Internship AIW/ ES: SE
Chemistry	nistry I+II HÜ 2	Electrical Engineering II: Alternating VL 3	Technical Thermodynamics II HÜ 1	Signals and Systems GÜ 2	Introduction to Control Systems GÜ 2	Management Tutorial GÜ 2	Preparation
		Current Networks and Basic Devices	Technical Thermodynamics II GÜ 1				Advanced Intenship AIW/ ES: Internship- SE
		Electrical Engineering II: Alternating GÜ 2  Current Networks and Basic Devices					accompanying Seminar
		Current Networks and Basic Devices					
	rical Engineering I: Direct Current	Fundamentals of Mechanical Engineering	Mathematics III	Fluid Dynamics	Measurement Technology for Mechanical	Electrical Machines and Actuators	
	orks and Electromagnetic Fields	Design	Analysis III VL 2	Fluid Mechanics VL 3	Engineers	Electrical Machines and Actuators VL 3	
	rical Engineering I: Direct Current VL 3 orks and Electromagnetic Fields	Fundamentals of Mechanical Engineering VL 2  Design	Analysis III GÜ 1	Fluid Mechanics HÜ 2	Measurement Technology for Mechanical VL 2 Engineering	Electrical Machines and Actuators HÜ 2	
Floorisal	rical Engineering I: Direct Current GÜ 2	Fundamentals of Mechanical Engineering HÜ 2	Analysis III HÜ 1		Measurement Technology for Mechanical PR 2		
0	orks and Electromagnetic Fields	Design	Differential Equations 1		Engineering		
1			Differential Equations 1 GÜ 1  Differential Equations 1 HÜ 1		Practical Course: Measurement and PR 2		
2			Differential Equations 1 110 1		Control Systems		
	ematics I	Technical Thermodynamics I		Computational Mechanics	Heat Transfer	Computer Science for Engineers - Programming Concepts, Data Handling &	
+	r Algebra I VL 2 r Algebra I GÜ 1	Technical Thermodynamics I VL 2  Technical Thermodynamics I HÜ 1		Computational Multibody Dynamics IV 2  Computational Mechanics GÜ 2	Heat Transfer VL 3 Heat Transfer HÜ 2	Communication	
	r Algebra I GU 1	Technical Thermodynamics I HO 1 Technical Thermodynamics I GÜ 1	Engineering Mechanics III (Dynamics)	Computational Mechanics GU 2  Computational Stuctural Mechanics IV 2	Heat Transfer HU 2	Computer Science for Engineers - VL 3	
Analysis I	-	recilical memodynamics 1 GO 1	Engineering Mechanics III VL 3	Computational Stuctural Mechanics 1v 2		Programming Concepts, Data Handling &	
Analysis I			Engineering Mechanics III GÜ 2			Communication	
7 Analysis I	sis I HÜ 1		Engineering Mechanics III HÜ 1			Computer Science for Engineers - GÜ 2	
.8						Programming Concepts, Data Handling & Communication	
9		Mechanics II: Mechanics of Materials					Bachelor Thesis
		Mechanics II: Mechanics or Materials  VL 2		Advanced Mechanical Engineering Design (part 2)	Reciprocating Machinery (part 1)  Fundamentals of Reciprocating Engines VL 1	Reciprocating Machinery (part 2) Internal Combustion Engines I VL 2	Bachelor i nesis
0		Mechanics II GÜ 2		Advanced Mechanical Engineering VL 2	and Turbomachinery - Part Reciprocating	-	
				Design II	Engines	Internal Combustion Engines I HÜ 1	
		Mechanics II HÜ 2		Advanced Mechanical Engineering HÜ 2	Engines Fundamentals of Reciprocating Engines HÜ 1	Internal Combustion Engines I HU 1	
					Engines Fundamentals of Reciprocating Engines $H\ddot{U}=1$ and Turbomachinery - Part Reciprocating	Internal Combustion Engines I HU 1	
				Advanced Mechanical Engineering HÜ 2	Engines Fundamentals of Reciprocating Engines HÜ 1 and Turbomachinery - Part Reciprocating Engines	internal Combustion Engines 1 HU 1	
	nanics I (Statics)		Advanced Mechanical Engineering Design	Advanced Mechanical Engineering HÜ 2	Engines Fundamentals of Reciprocating Engines HÜ 1 and Turbomachinery - Part Reciprocating Engines Numerical Mathematics I	internal Combustion Engines 1 HU 1	
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The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.