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

Mechanics I

Mechanics I

VL 2 Mechanics II

HÜ 3 Mechanics II

	e course plan A Bachelor				program, 7 semester)	(GESBS	(7))		Compulsory	Specia	alisation Compulsory	Focus Compulsor	у	Thesis Compulsory	
Specia	alisation Mechanical Engir	neering	, Focus Energy Systems						Core qualification Elective Compulsory	Specia Comp	alisation Elective ulsory	Focus Elective Co	mpulsory	Interdisciplinary complement	
LP	Semester 1	Formirs	/wikemester 2	Formirs	/&kmester 3	Formirs	/&kmester 4	For it irs,	/wikemester 5 F	or ini rs	/&kmester 6	Formins	/ v €kemest	er 7 F	or l-h rs/wl
1	Chemistry (GES)		Technical		Technical		Mechanical Enginee	ring:	Introduction to Contro	ol	Foundations o	f	Advan	ced Internship	AIW/
2	• • • •	VL 2	Thermodynamics I		Thermodynamics II		Design (part 2)	J	Systems		Management		GES	·	
3	Chemistry II	VL 2	Technical	VL 2	Technical	VL 2	Team Project Design	PBL2		/L 2	Introduction to	VL 3			
	Chemistry I	HÜ 1	Thermodynamics I		Thermodynamics II		Methodology	DD1 2	Control Systems	ı o	Management	L. C.I. UE D			
	Chemistry II	HÜ 1	Technical Thermodynamics I	HU I	Technical Thermodynamics II	HÜ 1	Mechanical Design Project II	PBL3	Introduction to Control Systems	JE 2	Management Tu	itorial UE 2			
4			Technical	UE 1	Technical	UE 1	Fundamentals of								
5			Thermodynamics I		Thermodynamics II		Materials Science (part 2)							
							Fundamentals of	VL 2							
							Materials Science II								
6							Fluid Dynamics								
7	Linear Algebra		Mathematical Analys	sis	Mathematics III		Fluid Mechanics	VL 3	Measurement Techno	logy	Advanced Med	hanical			
8	Linear Algebra	VL 4	Mathematical Analysis	VL 4	Analysis III	VL 2	Fluid Mechanics	HÜ 2	for Mechanical Engine	eers	Engineering D	esign (part			
9	Linear Algebra	HÜ 2	Mathematical Analysis	HÜ 2	Analysis III	UE 1				/L 2	2)	onical VI 2			
	Linear Algebra	UE 2	Mathematical Analysis	UE 2	Analysis III	HÜ 1			Technology for Mechanical		Advanced Mech Engineering Des				
					Differential Equations	VL 2			Engineering		Advanced Mech				
					1					HÜ 1	Engineering Des	sign II			
10					Differential Equations	UE 1			Technology for Mechanical		Reciprocating	Machinery			
11					Differential Equations	HÜ 1			Engineering		(part 2)	r-lucillities y			
12					1		Mechanics IV (Kinet	ics II,		PR 2	Internal Combus	stion VL 2			
							Oscillations, Analyt		Measurement and Control Systems		Engines I				
13							Mechanics, Multiboo Systems)	dy	Control Systems		Internal Combus	stion HÜ 1			
14							Mechanics IV	VL 3	Advanced Mechanical		Liigiiles i				
15							Mechanics IV	UE 2	Engineering Design (p	part	Renewables a	nd Energy			
	Electrical Engineering	_	Electrical Engineering	_	Mechanics III (GES)		Mechanics IV	HÜ 1	Advanced Mechanical V	/L 2	Systems	- VI 2			
	Electrical Engineering	VL 3	Electrical Engineering	VL 3	Mechanics III	HÜ 1			Engineering Design I		Renewable Ener	3,			
	Electrical Engineering	UF 2	Electrical Engineering	UF 2	Mechanics III	UE 2			Advanced Mechanical H	HÜ 2	Energy Systems Energy Industry				
	I	OL 2	II	02 2	Mechanics III	VL 3			Engineering Design I		Power Industry	VL 1			
16									Heat Transfer		Renewable Ener	rgy UE 1			
17 18									Heat Transfer	/L 3					
19							Signals and System	S	Heat Transfer H	HÜ 2					
20							Signals and Systems						Bache	or Thesis	
21	Machanica I (CES)		Machanica II (CTC)		Commutes Englished		Signals and Systems	UE 2							
22	Mechanics I (GES)		Mechanics II (GES)	\ <i>u</i>	Computer Engineer	_			Designation Machin						

VL 2 Computer Engineering VL 3

HÜ 2 Computer Engineering UE 1

Core qualification

Reciprocating Machinery

(part 1)

Specialisation Compulsory Focus Compulsory

Thesis Compulsory

24 25			
26			
27	Programming in C	Fundamentals of	Mechanical Engineering:
28	Programming in C VL 1	Mechanical Engineering	Design (part 1)
	Programming in C PR 1	(GES) Fundamentals of VL 2	Embodiment Design VL 2 and 3D-CAD
29	Physics for Engineers (GES)	Mechanical Engineering	Mechanical Design PBL3 Project I
30	Physics for Engineers VL 2	Fundamentals of UE 2	Frojecti
31	Physics for Engineers UE 1	Mechanical Engineering	Fundamentals of Materials Science (part 1)
32		299	Fundamentals of VL 2
33			Materials Science I
			Physical and Chemical VL 2 Basics of Materials
			Science

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