Course of Study General Engineering Science (German program, 7 semester) (Study Cohort w16)

Sample course plan B. Bachelor General Engineering Science (German program, 7 semester) (AIWBS(7))

Legend:

ple course plan B Bachelo	or General	Engineering Science (Germa	an prog	ram, 7 semester) (AIWBS(7	7))		Legend:							
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Chemistry Chemistry I Chemistry II Chemistry I Chemistry II	VL 2 VL 2 HÜ 1 HÜ 1	Electrical Engineering II Alternating Current Networks and Basic Dev Electrical Engineering II: Alternating Current Networks and Basic Devices Electrical Engineering II:	vices VL 3	Thermodynamics II Technical H Thermodynamics II		Mechanical Engineerin Design (part 2) Team Project Design Methodology Mechanical Design Project II Fundamentals of Mater	PBL2 TT 3	Introduction to Systems Introduction to Co Systems Introduction to Co Systems	ontrol VL 2	Foundatic Introductio Manageme Manageme	nt	yement . VL 3 HÜ 2	Advanced Internship	GES
_		Alternating Current Networks and Basic Devices				Science (part 2) Fundamentals of Materials Science II	VL 2							
Electrical Engineerin Direct Current Networ Electromagnetic Fiel Electrical Engineering Direct Current Networ and Electromagnetic Fields Electrical Engineering Direct Current Networ and Electromagnetic Fields	l: UE 2	Mechanical Engineering Design	HÜ 2	Analysis III L Analysis III H Differential Equations 1	VL 2 JE 1 HÜ 1 VL 2 JE 1 HÜ 1	Fundamentals of Fluid Mechanics Fundamentals of Fluid Mechanics Fluid Mechanics for Process Engineering	VL 2 HÜ 2	Heat and Mass T Heat and Mass T Heat and Mass T Heat and Mass T	ransfer VL 2 ransfer UE 1	(part 2) Practical E Environme Technology Particle Te	(part 2) Processes ental Techno xercise ntal / echnology an ocess Engine	PR 1		
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25 26 27 28 29	Programming in C Programming in C VL 1 Programming in C PR 1 Physics for Engineers VL 2 Physics for Engineers UL 2 Physics for Engineers UL 1	Linear Algebra II UI Linear Algebra II HI Analysis II VI Analysis II HI	2 1 Design (part 1) 2 3D-CAD 1 Mechanical Design TT 3 Project I	Measurement Technology for Mechanical and Process Engineers Measurement VL 2 Technology for Mechanical and Process Engineers Measurement HÜ 1 Technology for HÜ 1 Technology for Mechanical and Process Engineers Measurement HÜ 1 Technology for Mechanical and Process Engineers Practical Course: PR 2 Measurement and Control Systems 2
30 31			Fundamentals of Materials Science (part 1)	Environmental Technology (part 1)
			Fundamentals of VL 2 Materials Science I	Environmental VL 2 Technologie
32			Physical and Chemical VL 2 Basics of Materials	
33			Science	
	Nontechnical Complementary Co	urses for Bachelors (from cat	alogue) - 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.