## Course of Study Mechanical Engineering (Study Sample course plan B Bachelor Mechanical Engineering (MBBS) Sample course plan B Bachelor Mechanical Engineering (MBBS) Sample course plan B Bachelor Mechanical Engineering (MBBS)

	ourse plan B Bachelor Mechanic				Core Qualification	Elective Cor	mpulsory Specialisation Elective Compulsory	Focus Elective	Compulsory Interdisciplinary comple	ement
pecialisa	ation Materials in Engineering Sc	iences								
2 Pro	roduction Engineering (part 1) roduction Engineering I VL 2 roduction Engineering I HÛ 1	Production Engineering (part 2)           Production Engineering II         VL 2           Production Engineering II         HÜ 1	Advanced Mechanical Engineering Design (p Advanced Mechanical Engineering Design I Advanced Mechanical Engineering Design I	oart 1) VL 2 HÜ 2		vL 2 HÜ 2	Advanced Mechanical Design Project Advanced Mechanical Design Project	PBL 4	Foundations of Management Introduction to Management Management Tutorial	VL GÜ
5 Con 6 7 8	omputer Science for Mechanical Engineers VL 3 omputer Science for Mechanical Engineers GÜ 2	Fundamentals of Materials Science (part 2) Fundamentals of Materials Science II VL 2  Fundamentals of Mechanical Engineering Design Fundamentals of Mechanical Engineering Design VL 2 Fundamentals of Mechanical Engineering Design HÜ 2	Mechanical Engineering: Design (part 1) Embodiment Design and 3D-CAD Mechanical Design Project I  Basics of Electrical Engineering Basics of Electrical Engineering Basics of Electrical Engineering	VL 2 PBL 3 VL 3 GÜ 2	Mechanical Design Project II F Fluid Dynamics Fluid Mechanics	PBL 2 PBL 3 VL 3 HÜ 2	Introduction to Control Systems Introduction to Control Systems Introduction to Control Systems	VL 2 GÜ 2	Materials Engineering: Materials Selection Processing and Modelling (part 2) Materials Selection and Processing	n, VL
11 Lin		Technical Thermodynamics I	_						Materials and Process Modeling	VL
13 Ani	nalysis I VL 2 nalysis I GÜ 1 nalysis I HÜ 1	Technical Thermodynamics I         VL         2           Technical Thermodynamics I         HÜ         1           Technical Thermodynamics I         GÜ         1	Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II Technical Thermodynamics II	VL 2 HÜ 1 GÜ 1	Mechanics IV	vL 3 GÜ 2 HÜ 1	Measurement Technology for Mechanical Endeasurement Technology for Mechanical Engineering Measurement Technology for Mechanical Engineering Practical Course: Measurement and Control Systems	vL 2 HÜ 1 PR 2	Enhanced Fundamentals of Materials Scient Enhanced Fundamentals: Metals Enhanced Fundamentals: Ceramics and Polymers Enhanced Fundamentals: Ceramics and Polymers	nce VL VL HÜ
L9 Me	Iechanics I (Statics)           Jechanics I         VL         2           Jechanics I         GÜ         2           Jechanics I         HÜ         1	Mechanics II: Mechanics of Materials  Mechanics II VL 2  Mechanics II GÜ 2  Mechanics II HÜ 2	Mathematics III Analysis III Analysis III Analysis III Differential Equations 1 Differential Equations 1 Differential Equations 1	VL 2 GÜ 1 HÜ 1 VL 2 GÜ 1 HÜ 1		agement VL 2 VL 2	Material Science Laboratory Companion Lecture for Materials Science Laboratory Material Science Laboratory	VL 2 PR 4	Bachelor Thesis	
25 Fur	undamentals of Materials Science (part 1) undamentals of Materials Science I VL 2 hysical and Chemical Basics of Materials Science VL 2	Mathematics II	Mechanics III (Dynamics)	1.0 1			Materials Engineering: Materials Selection, and Modelling Materials Selection and Processing Materials and Process Modeling	Processing  VL 3  VL 3		
	eam Project MB PBL 6	Analysis II HÜ 1 Analysis II GÜ 1	Mechanics III Mechanics III Mechanics III	VL 3 GÜ 2 HÜ 1						

Non-technical 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.