Course of Study Mechanical Engineering (MBBS)

Sample course plan B Bachelor Mechanical Engineering (MBBS)

Specialisation Theoretical Mechanical Engineering Design (part 2)

Mathematics I VL 4 Fundamentals of Mechanical Engineering Design (part 2)

Mathematics I HÜ 2 Fundamentals of Mechanical Engineering Design (part 2)

Mathematics I HÜ 2 Mathematics I Hünder Mechanical Engineering Design (part 2)

Mathematics I HÜ 2 Mathematics I Hünder Mechanical Engineering Design (part 2)

Mathematics I HÜ 2 Mechanical Engineering Design (part 2)

Mathematics I HÜ 2 Mechanical Engineering Design (part 2)

Mathematics I HÜ 2 Mechanical Engineering Design (part 2)

Mechanical Engineering Design (part 1)

Mechanical Engineering: Design (part 2)

Mechanical Engineering: Desig

1	Mathematics I	Fundamentals of Mechanical Engineering Design	Advanced Mechanical Engineering Design (part 1)	Advanced Mechanical Engineering Design (part 2)	Advanced Mechanical Design Project	Foundations of Management
2	Mathematics I VL 4	Fundamentals of Mechanical Engineering Design VL 2	Advanced Mechanical Engineering Design I VL 2	Advanced Mechanical Engineering Design II VL 2	Advanced Mechanical Design Project PBL 4	Introduction to Management VL 3
3	Mathematics I HÜ 2	Fundamentals of Mechanical Engineering Design HÜ 2	Advanced Mechanical Engineering Design I HÜ 2	Advanced Mechanical Engineering Design II HÜ 2		Management Tutorial GÜ 2
4	Mathematics I GÜ 2		Markadad Fadaradaa Radaa (aast 1)	Markaniani Fardusaniana Barlan (uant 2)		
			Mechanical Engineering: Design (part 1) Embodiment Design and 3D-CAD Introduction VL 2	Mechanical Engineering: Design (part 2) Team Project Design Methodology PBL 2		
5			and Practical Training	Mechanical Design Project II PBL 3		
6			Mechanical Design Project I PBL 3			
7		Technical Thermodynamics I	Basics of Electrical Engineering	Fluid Dynamics	Introduction to Control Systems	Modeling, Simulation and Optimization (EN)
8		Technical Thermodynamics I VL 2	Basics of Electrical Engineering VL 3	Fluid Mechanics VL 3	Introduction to Control Systems VL 2	Modeling, Simulation and Optimization IV 4
9	Fundamentals of Materials Science	Technical Thermodynamics I HÜ 1	Basics of Electrical Engineering GÜ 2	Fluid Mechanics HÜ 2	Introduction to Control Systems GÜ 2	
10	Fundamentals of Materials Science II VL 2	Technical Thermodynamics I GÜ 1				
-	Fundamentals of Materials Science I VL 2					
11	Physical and Chemical Basics of Materials Science VL 2					
12						
13		Production Engineering	Technical Thermodynamics II	Computational Mechanics	Measurement Technology for Mechanical Engineers	Bachelor Thesis
14		Production Engineering I VL 2 Production Engineering II VL 2	Technical Thermodynamics I	Computational Multibody Dynamics IV 2 Computational Mechanics GÜ 2	Measurement Technology for Mechanical VL 2 Engineering	
15	Team Project MB	Production Engineering II	Technical Thermodynamics II HU 1 Technical Thermodynamics II GŪ 1	Computational Stuctural Mechanics IV 2	Measurement Technology for Mechanical PR 2	
16	Team Project MB PBL 6	Production Engineering I HÜ 1			Engineering	
17					Practical Course: Measurement and Control PR 2 Systems	
18					Systems	
19		Mathematics II	Mathematics III	Fundamentals of Production and Quality Management	Numerical Mathematics I	
20		Mathematics II VL 4	Analysis III VL 2	Production Process Organization VL 2	Numerical Mathematics I VL 2	
_		Mathematics II HÜ 2	Analysis III GÜ 1	Quality Management VL 2	Numerical Mathematics I GÜ 2	
21	Computer Science for Engineers - Introduction and	Mathematics II GÜ 2	Analysis III HÜ 1			
22	Overview Computer Science for Engineers - Introduction VL 3		Differential Equations 1 VL 2			
23	and Overview		Differential Equations 1 GÜ 1 Differential Equations 1 HÜ 1			
24	Computer Science for Engineers - Introduction GÜ 2		110 1			
25	and Overview				Heat Transfer	
26					Heat Transfer VL 3	
27	Engineering Mechanics I (Stereostatics)	Engineering Mechanics II (Elastostatics)	Engineering Mechanics III (Dynamics)	1	Heat Transfer HÜ 2	
28	Engineering Mechanics I VL 2	Engineering Mechanics II VL 2	Engineering Mechanics III VL 3			
	Engineering Mechanics I GÜ 2	Engineering Mechanics II GÜ 2	Engineering Mechanics III GŪ 2			
29	Engineering Mechanics I HÜ 1	Engineering Mechanics II HÜ 2	Engineering Mechanics III HÜ 1			
30						
31						
32						

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.