

23	Mechanics I Mechanics I Mechanics I	VL 2 UE 2 HÜ 1	Mechanics II	HÜ 2	Design (part 1) Embodiment Design and 3D-CAD VL 2 Mechanical Design Project I TT 3			Quality Management VL 2	
24									
25									
26			Mathematics II		Fundamentals of Materials Science (part 1)				
27	Programming in C Programming in C Programming in C	VL 1 PR 1	Linear Algebra II Linear Algebra II Linear Algebra II	VL 2 UE 1 HÜ 1	Fundamentals of Materials Science I VL 2 Physical and Chemical Basics of Materials Science VL 2			Production Technology Forming and Cutting Technology VL 2 Forming and Cutting Technology HÜ 1 Fundamentals of Machine Tools VL 2 Fundamentals of Machine Tools HÜ 1	
28			Analysis II	VL 2					
29			Analysis II	HÜ 1					
30	Physics for Engineers (AIW) Physics for Engineers Physics for Engineers	VL 2 UE 1	Analysis II	UE 1	Advanced Mechanical Engineering Design (part 1) Advanced Mechanical Engineering Design I VL 2 Advanced Mechanical Engineering Design I HÜ 2				
31									
32					Production Engineering (part 1)				
33					Production Engineering I VL 2 Production Engineering I HÜ 1				
Nontechnical Complementary 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.