

23	Mechanics I Mechanics I	UE 2 HÜ 1	Mechanics II	HÜ 2	Embodiment Design and 3D-CAD Mechanical Design Project I	VL 2 PBL3	Signals and Systems	UE 2	Mathematics I	
24										
25										
26										
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 Physical and Chemical Basics of Materials Science	VL 2 VL 2			Structural Materials (part 1) Welding Technology	VL 3
28			Analysis II	HÜ 1						
29	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 Advanced Mechanical Engineering Design I	VL 2 HÜ 2			Material Science Laboratory Companion Lecture for Materials Science Laboratory Material Science Laboratory	VL 2 PR 4
30										
31										
32										
33										
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.