



23	Mechanics I HÜ 3	Mechanics II HÜ 2	Embodiment Design and 3D-CAD VL 2 Mechanical Design Project I PBL3	Signals and Systems UE 2	Mathematics I
24			<b>Fundamentals of Materials Science (part 1)</b> Fundamentals of Materials Science I VL 2		<b>Structural Materials (part 1)</b> Welding Technology VL 3
25					
26					
27	<b>Programming in C</b> Programming in C VL 1 Programming in C PR 1	<b>Fundamentals of Mechanical Engineering (GES)</b> Fundamentals of Mechanical Engineering VL 2	Physical and Chemical Basics of Materials Science VL 2		
28			<b>Advanced Mechanical Engineering Design (part 1)</b> Advanced Mechanical Engineering Design I VL 2 Advanced Mechanical Engineering Design I HÜ 2		<b>Material Science Laboratory</b> Companion Lecture for Materials Science Laboratory VL 2 Material Science Laboratory PR 4
29	<b>Physics for Engineers (GES)</b> Physics for Engineers VL 2 Physics for Engineers UE 1	Fundamentals of Mechanical Engineering UE 2			
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.