

21	Mechanics I (GES) Mechanics I VL 2 Mechanics I HÜ 3	Mechanics II (GES) Mechanics II VL 2 Mechanics II HÜ 2	Mechanical Engineering: Design (part 1) Embodiment Design and 3D-CAD VL 2 Mechanical Design Project I PBL3		Design Project Advanced Mechanical Design Project PBL4	Actuators Electrical Machines and Actuators VL 3 Electrical Machines and Actuators HÜ 2
22						
23						
24	Programming in C Programming in C VL 1 Programming in C PR 1	Fundamentals of Mechanical Engineering (GES) Fundamentals of Mechanical Engineering VL 2 Fundamentals of Mechanical Engineering UE 2	Fundamentals of Materials Science (part 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	
25						
26						
27	Physics for Engineers (GES) Physics for Engineers VL 2 Physics for Engineers UE 1		Advanced Mechanical Engineering Design (part 1) Advanced Mechanical Engineering Design I VL 2 Advanced Mechanical Engineering Design I HÜ 2			
28						
29						
30			Production Engineering (part 1) Production Engineering I VL 2 Production Engineering I HÜ 1			
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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.