

					Fundamentals of Reciprocating Engines and Turbomachinery - Part Reciprocating Engines VL 1	Energy Industry VL 1 Power Industry VL 1 Renewable Energy UE 1	
24							
25							
26							
27							
28	Programming in C Programming in C VL 1 Programming in C PR 1	Fundamentals of Mechanical Engineering (GES) Fundamentals of Mechanical Engineering VL 2	Mechanical Engineering: Design (part 1) Embodiment Design and 3D-CAD VL 2 Mechanical Design Project I PBL3				
29	Physics for Engineers (GES)	Fundamentals of Mechanical Engineering UE 2			Computational Fluid Dynamics I Computational Fluid Dynamics I VL 2 Computational Fluid Dynamics I HÜ 2		
30	Physics for Engineers VL 2						
31	Physics for Engineers UE 1						
32							
33					Fundamentals of Materials Science (part 1) Fundamentals of Materials Science I VL 2 Physical and Chemical Basics of Materials Science VL 2		
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.