



23	Mechanics I HÜ 3	Mechanics II HÜ 2	Computer Engineering UE 1		<b>(part 1)</b> Fundamentals of Reciprocating Engines and Turbomachinery - Part Reciprocating Engines VL 1 Fundamentals of Reciprocating Engines and Turbomachinery - Part Reciprocating Engines HÜ 1	Energy Systems and Energy Industry VL 2 Power Industry VL 1 Renewable Energy UE 1	
24							
25							
26							
27							
28	<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	<b>Mechanical Engineering: Design (part 1)</b> Embodiment Design and 3D-CAD VL 2 Mechanical Design Project I PBL3		<b>Computational Fluid Dynamics I</b> Computational Fluid Dynamics I VL 2 Computational Fluid Dynamics I HÜ 2		
29	<b>Physics for Engineers (GES)</b>						
30	Physics for Engineers VL 2	Fundamentals of Mechanical Engineering UE 2					
31	Physics for Engineers UE 1						
32							
33			<b>Fundamentals of Materials Science (part 1)</b> 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.