

24			Project I		
25			Fundamentals of Materials Science (part 1)		
26			Fundamentals of Materials Science I	VL 2	
27	Programming in C Programming in C VL 1 Programming in C PR 1	Mechanics II (GES) Mechanics II VL 2 Mechanics II HÜ 2	Physical and Chemical Basics of Materials Science	VL 2	Structural Materials (part 1) Welding Technology VL 3
28			Advanced Mechanical Engineering Design (part 1)		
29	Physics for Engineers (GES) Physics for Engineers VL 2 Physics for Engineers UE 1		Advanced Mechanical Engineering Design I	VL 2	Material Science Laboratory Companion Lecture for Materials Science Laboratory VL 2
30			Advanced Mechanical Engineering Design I	HÜ 2	Material Science Laboratory PR 4
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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.