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21	<b>Mechanics I (GES)</b> Mechanics I VL 2 Mechanics I HÜ 3	<b>Mechanics II (GES)</b> Mechanics II VL 2 Mechanics II HÜ 2	<b>Mechanical Engineering: Design (part 1)</b> Embodiment Design and 3D-CAD VL 2 Mechanical Design Project I PBL3		<b>Design Project</b> Advanced Mechanical Design Project PBL4	Advanced Materials Characterization VL 2 Advanced Materials Design VL 2 Advanced Materials Design HÜ 2			
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23									
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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	<b>Fundamentals of Materials Science (part 1)</b> Fundamentals of Materials Science I VL 2 Physical and Chemical Basics of Materials Science VL 2		<b>Production Technology</b> Forming and Cutting Technology VL 2 Forming and Cutting Technology HÜ 1 Fundamentals of Machine Tools VL 2 Fundamentals of Machine Tools HÜ 1				
28									
29	<b>Physics for Engineers (GES)</b> Physics for Engineers VL 2 Physics for Engineers UE 1	Fundamentals of Mechanical Engineering UE 2	<b>Advanced Mechanical Engineering Design (part 1)</b> Advanced Mechanical Engineering Design I VL 2 Advanced Mechanical Engineering Design I HÜ 2						
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33			<b>Production Engineering (part 1)</b> Production Engineering I VL 2 Production Engineering I HÜ 1						

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.