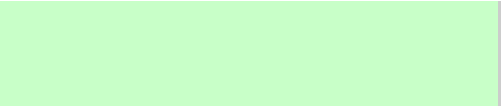


Legend:

Core qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1			Form Hrs/wk			Semester 2			Form Hrs/wk			Semester 3			Form Hrs/wk			Semester 4			Form Hrs/wk							
1	Vibration Theory			VL	4	Practical Course Product Development, Materials and Production			FL	6	Research Project Product Development, Materials and Production			Master Thesis															
2																				Vibration Theory			Practical Course Product Development, Materials and Production						
3																													
4																													
5																													
6																													
7	Finite Elements Methods			VL	2	Automation Technology and Systems (part 2)			VL	2																			
8																				Finite Element Methods			Automation Technology						
9																				Finite Element Methods			Automation Technology						
10																													
11																													
12																													
13	Production Planning & Control and Digital Enterprise			HÜ	2	High-Order FEM			VL	3																			
14																										High-Order FEM			
15																										High-Order FEM			
16																													
17																													
18																													
19	Automation Technology and Systems (part 1)			HÜ	1	Selected Topics of Product Development, Materials Science and Production (Alternative A: 12 LP)			Robotics			Robotics: Modelling and Control			VL 3														
20																													
21																													
22																													
23																													
24																													
25	Laser systems and methods of manufacturing design and analysis			HÜ	1				Robotics: Modelling and Control			UE 2																	
26																													
27																													
28																													
29																													
30																													
31	Thermal Engineering			VL	3																								
32																													
33																													
34																													
35																													
36																													
37				HÜ	1																								
38																													
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Business & Management (from catalogue) - 6LP	
Nontechnical Elective Complementary Courses for Master (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.