

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 Vibration Theory	VL	4	Practical Course Product Development, Materials and Production Practical Course Product Development, Materials and Production	FL	6	Research Project Product Development, Materials and Production			Master Thesis		
2												
3												
4												
5												
6												
7	Finite Elements Methods Finite Element Methods Finite Element Methods	VL	2	Systems Engineering Systems Engineering Systems Engineering	VL	3						
8												
9												
10												
11	Methods of Integrated Product Development Integrated Product Development II Integrated Product Development II	HÜ	2		HÜ	1						
12												
13												
14												
15	Fluidics Fluidics Fluidics Fluidics	VL	2	High-Order FEM High-Order FEM High-Order FEM	VL	3						
16												
17												
18												
19	Selected Topics of Product Development, Materials Science and Production (Alternative A: 12 LP) Selection from a catalog	HÜ	1									
20												
21												
22												
23	Nonlinear Structural Analysis Nonlinear Structural Analysis Nonlinear Structural Analysis	PBL	1									
24												
25												
26												
27		VL	3									
28												
29												
30												
31		UE	1									
32												
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40												

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.