

Course of Study Product Development, Materials and Production (Study Cohort w23)

Legend:			
Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement

Sample course plan P Master Product Development, Materials and Production (PEPMS)

Specialisation Product Development												
1	Vibration Theory Vibration Theory IV 4			Practical Course Product Development, Materials and Production Practical Course Product Development, Materials and Production PR 6			Research Project Product Development, Materials and Production			Master Thesis		
2												
3												
4												
5												
6												
7	Finite Elements Methods Finite Element Methods VL 2 Finite Element Methods HÜ 2			Systems Engineering Systems Engineering VL 3 Systems Engineering HÜ 1								
8												
9												
10												
11												
12												
13	Methods of Product Development Methods of Product Development VL 3 Methods of Product Development PBL 2			High-Order FEM High-Order FEM VL 3 High-Order FEM HÜ 1			Selected Topics of Product Development, Materials Science and Production (Alternative A: 12 LP) (part 2) Selection from a catalog					
14												
15												
16												
17												
18												
19	Fluidics Fluidics VL 2 Fluidics HÜ 1 Fluidics PBL 1			Selected Topics of Product Development, Materials Science and Production (Alternative A: 12 LP) (part 1) Selection from a catalog			Aircraft Cabin Systems Aircraft Cabin Systems VL 3 Aircraft Cabin Systems HÜ 1					
20												
21												
22												
23												
24												
25	Thermal Energy Systems Thermal Energy Systems VL 3 Thermal Energy Systems HÜ 1											
26												
27												
28												
29												
30												
Business & Management (from catalogue) - 6LP												
Non-technical 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.

