

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) Dual study program

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 (dual study program)					
2													
3													
4													
5													
6													
7	Finite Elements Methods Finite Element Methods VL 2 Finite Element Methods HÜ 2			Practical module 2 (dual study program, Master's degree) Practical term 2 0									
8													
9													
10													
11													
12													
13	Practical module 1 (dual study program, Master's degree) Practical term 1 0									Practical module 3 (dual study program, Master's degree) Practical term 3 0			
14													
15													
16													
17													
18													
19				Systems Engineering Systems Engineering VL 3 Systems Engineering HÜ 1									
20													
21													
22													
23	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							
24													
25													
26													
27													
28													
29	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							
30													
31													
32													
33													
34													
35	Thermal Energy Systems Thermal Energy Systems VL 3 Thermal Energy Systems HÜ 1												
36													
37													
38													
39													
40													
Business & Management (from catalogue) - 6LP													
Linking theory and practice (dual study program, Master's degree) (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.

