

Course of Study Product Development, Materials and Production (Study Cohort w22)

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																														
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17																														
18																														
19																										Systems Engineering Systems Engineering VL 3 Systems Engineering HÜ 1				
20																														
21																														
22																														
23	Methods of Integrated Product Development Integrated Product Development II VL 3 Integrated Product Development II 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																														
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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																														
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35	Thermal Energy Systems Thermal Energy Systems VL 3 Thermal Energy Systems HÜ 1																													
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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.

