

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)

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																												
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12																												
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14																												
15	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															
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																												
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27	Thermal Energy Systems Thermal Energy Systems VL 3 Thermal Energy Systems HÜ 1																											
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.

