

# Course of Study Product Development, Materials and Production (Study Cohort w21)

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

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

Specialisation Product Development			
1	<b>Vibration Theory</b>		
2	Vibration Theory	IV 4	
3			
4			
5			
6			
7	<b>Finite Elements Methods</b>		
8	Finite Element Methods	VL 2	
9	Finite Element Methods	HÜ 2	
10			
11			
12			
13	<b>Methods of Integrated Product Development</b>		
14	Integrated Product Development II	VL 3	
15	Integrated Product Development II	PBL 2	
16			
17			
18			
19	<b>Fluidics</b>		
20	Fluidics	VL 2	
21	Fluidics	HÜ 1	
22	Fluidics	PBL 1	
23			
24			
25	<b>Nonlinear Structural Analysis</b>		
26	Nonlinear Structural Analysis	VL 3	
27	Nonlinear Structural Analysis	GÜ 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.

