

# Course of Study Product Development, Materials and Production (Study Cohort w20)

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 W Master Product Development, Materials and Production (PEPMS)

Specialisation Materials			
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>Continuum Mechanics</b>		
14	Continuum Mechanics	VL 2	
15	Continuum Mechanics Exercise	GÜ 2	
16			
17			
18			
19	<b>Material Modeling</b>		
20	Material Modeling	VL 2	
21	Material Modeling	GÜ 2	
22			
23			
24			
25	<b>Selected Topics of Product Development, Materials Science and Production (Alternative A: 12 LP) (part 1)</b>		
26	Selection from a catalog		
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.

