Course of Study Mechanical Engineering and Management (Study Cohort w22)

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

Sample course plan B Master Mechanical Engineering and Management (IMPMEM) Dual study program
Specialisation Mechatronics, Specialisation Product Engineering

#									
1	**Robotics**				**Structure and properties of fibre-polymer-composites**			**Research Project IMPMEM**	**Master thesis (dual study program)**
2	Robotics: Modelling and Control	IV	4		Structure and properties of fibre-polymer-composites	VL	2		
3	Robotics: Modelling and Control	PBL	2		Structure and properties of fibre-polymer-composites	HÜ	1		
4					Structure and properties of fibre-polymer-composites	PBL	2		
5									
6									
7	**Computer Aided Design and Computation**				**Practical module 2 (dual study program, Master's degree)**				
8	Computer Aided Design and Computation	VL	2		Practical term 2		0		
9	Computer Aided Design and Computation	GÜ	2						
10									
11									
12									
13	**Practical module 1 (dual study program, Master's degree)**							**Practical module 3 (dual study program, Master's degree)**	
14	Practical term 1		0					Practical term 3	0
15									
16									
17					**Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 2)**				
18					Selection from a catalog				
19									
20					**Nonlinear Dynamics**				
21					Nonlinear Dynamics	IV	4		
22									
23	**Marketing and Communication**							**Industrial Process Automation**	
24	Business-to-Business Marketing	VL	2					Industrial Process Automation	VL	2
25	Intercultural Management and Communication	VL	2					Industrial Process Automation	GÜ	2
26	Case Studies of Marketing and Communication	GÜ	2		**Applied Design Methodology in Mechatronics**				
27					Applied Design Methodology in Mechatronics	VL	2		
28					Applied Design Methodology in Mechatronics	PBL	3		
29	**Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 1)**							**3D Printing Laboratory**	
30	Selection from a catalog							3D Printing Laboratory	PR	3
31									
32	**Vibration Theory**				**AdditiveProduction**				
33	Vibration Theory	IV	4		Additive Production	VL	2		
34					Additive Production	SE	2		
35									
36									
37									

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.