

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

Sample course plan B Master Mechanical Engineering and Management (IMPMEM)

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

Specialisation Management, Specialisation Product Engineering

1	Robotics			Structure and properties of fibre-polymer-composites		Research Project IMPMEM	Master Thesis
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			Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 2)			
8	Computer Aided Design and Computation	VL	2	Selection from a catalog			
9	Computer Aided Design and Computation	GÜ	2				
10				International Production Management and Enterprise Resource Planning: CERMEDES AG			
11				International Production Management and Enterprise Resource Planning:	SE 4		
12				CERMEDES AG			
13	Marketing and Communication					Advanced Topics in Management, Organization, and Human Resource Management	
14	Business-to-Business Marketing	VL	2			Advanced Topics in Management, Organization, and Human Resource Management	
15	Intercultural Management and Communication	VL	2			Advanced Topics in Management, Organization, and Human Resource Management	
16	Case Studies of Marketing and Communication	GÜ	2			Advanced Topics in Management, Organization, and Human Resource Management	
17				Applied Design Methodology in Mechatronics			
18				Applied Design Methodology in Mechatronics	VL 2		
19	Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 1)			Applied Design Methodology in Mechatronics	PBL 3		
20	Selection from a catalog					Applied Statistics	
21						Applied Statistics	
22				AdditiveProduction		Applied Statistics	
23				Additive Production	VL 2	Applied Statistics	
24				Additive Production	SE 2		
25							
26						3D Printing Laboratory	
27						3D Printing Laboratory	
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.

