

Course of Study Mechanical Engineering and Management (Study Cohort w21)

Sample course plan B Master Mechanical Engineering and Management (IMP MEM)

	Core Qualification Compulsory	Specialisation Compulsory	Focus Compulsory	Thesis Compulsory
	Core Qualification Elective Compulsory	Specialisation Elective Compulsory	Focus Elective Compulsory	Interdisciplinary complement
1	Robotics		Structure and properties of fibre-polymer-composites	
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	VL 2
15	Intercultural Management and Communication	VL 2	Advanced Topics in Management, Organization, and Human Resource Management	SE 2
16	Case Studies of Marketing and Communication	GÜ 2		
17			Nonlinear Dynamics	
18			Nonlinear Dynamics	
19	Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 1)		Applied Statistics	
20	Selection from a catalog		Applied Statistics	VL 2
21			Applied Statistics	GÜ 1
22	Vibration Theory		Applied Statistics	PBL 2
23	Vibration Theory	IV 4		
24			Industrial Process Automation	
25			Industrial Process Automation	VL 2
26			Industrial Process Automation	GÜ 2
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.

