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

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 B Master Mechanical Engineering and Management (IMPMEM)
Specialisation Management, Specialisation Materials

LP				
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: CERMEDES AG SE 4		
12				
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	**Mechanical Properties**		
17		Mechanical Behaviour of Brittle Materials VL 2		
18		Dislocation Theory of Plasticity VL 2		
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	**Advanced Functional Materials**	**Processing of fibre-polymer-composites**	Applied Statistics PBL 2	
23	Advanced Functional Materials SE 2	From Molecule to Composites Part PBL 2		
24		Processing of fibre-polymer-composites VL 2		
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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.