Course of Study Mechanical Engineering and Management (Study Cohort w20)

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

Legend:

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

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Robotics**			**Fibre-polymer-composites**			**Research Project IMPMEM**			**Master Thesis**		
2	Robotics: Modelling and Control	VL	3	Design with fibre-polymer-composites	VL	2						
3	Robotics: Modelling and Control	UE	2	Structure and properties of fibre-polymer-composites	VL	2						
4												
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	UE	2									
10				**International Production Management and Enterprise Resource Planning: CERMEDES AG**								
11				International Production Management and Enterprise Resource Planning: CERMEDES AG	SE	2						
12												
13	**Marketing and Communication**						**Management, Organization and Human Resource Management**					
14	Business-to-Business Marketing	VL	2				Management, Organization and Human Resource Management	VL	2			
15	Intercultural Management and Communication	VL	2	**Nonlinear Dynamics**			Management, Organization and Human Resource Management	SE	2			
16				Nonlinear Dynamics	IV	4						
17	Case Studies of Marketing and Communication	UE	2				**Applied Statistics**					
18							Applied Statistics	VL	2			
19	**Selected Topics of Mechanical Engineering and Management (Alternative B: 6 CP) (part 1)**						Applied Statistics	UE	1			
20	Selection from a catalog						Applied Statistics	PBL	2			
21												
22	**Vibration Theory**						**Industrial Process Automation**					
23	Vibration Theory	IV	4				Industrial Process Automation	VL	2			
24							Industrial Process Automation	UE	2			
25												
26												
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.