

Course of Study Mechanical Engineering and Management (Study Cohort w19)

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

		Semester 2		Semester 3		Semester 4	
Specialisation Management, Specialisation Materials		Form	Hrs/wk	Form	Hrs/wk	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	GÜ	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 A: 12 CP) (part 2)			
8	Computer Aided Design and Computation	VL	2	Selection from a catalog			
9	Computer Aided Design and Computation	GÜ	2				
10							
11							
12							
13	Selected Topics of Mechanical Engineering and Management (Alternative A: 12 CP) (part 1)			International Production Management and Enterprise Resource Planning: CERMEDES AG		Management, Organization and Human Resource Management	
14	Selection from a catalog			International Production Management and Enterprise Resource Planning: CERMEDES AG	SE 2	Management, Organization and Human Resource Management	
15						Management, Organization and Human Resource Management	
16							
17							
18							
19	Continuum Mechanics			Quantitative Research Methods		Applied Statistics	
20	Continuum Mechanics	VL	2	Quantitative Research Methods	PS 3	Applied Statistics	
21	Continuum Mechanics Exercise	GÜ	2			Applied Statistics	
22						Applied Statistics	
23							
24							
25				Mechanical Properties			
26				Mechanical Behaviour of Brittle Materials	VL 2		
27				Dislocation Theory of Plasticity	VL 2		
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.

