Course of Study Mechanical Engineering and Management (Study Cohort w17)

Sample course plan B Master Mechanical Engineering and Management (IMPMEM)
Specialisation Management, Specialisation Product Development and Production

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												
3	Robotics: Modelling and Control	VL	3	Design with fibre-polymer-composites	VL	2						
4	Robotics: Modelling and Control	UE	2	Structure and properties of fibre-polymer-composites	VL	2						
5												
6												
7	**Computer Aided Design and Computation**			**Selected Topics of Business Administration (IPM) (part 2)**								
8												
9	Computer Aided Design and Computation	VL	2	Human Resource Management and Organization Design	VL	2						
10	Computer Aided Design and Computation	UE	2	Project Management Methods	VL	1						
11				**Selected Topics of Mechanical Engineering and Management (part 2)**								
12												
13	**Selected Topics of Business Administration (IPM) (part 1)**			Selection from a catalog			**Management, Organization and Human Resource Management**					
14	Corporate Finance	VL	2	**International Production Management and Enterprise Resource Planning: CERMEDES AG**			Management, Organization and Human Resource Management	VL	2			
15	**Selected Topics of Mechanical Engineering and Management (part 1)**			International Production Management and Enterprise Resource Planning: CERMEDES AG	SE	2	Management, Organization and Human Resource Management	SE	2			
16												
17	Selection from a catalog											
18												
19												
20				**Quantitative Research Methods**			**3D Printing Laboratory**					
21				Quantitative Research Methods	PS	3	3D Printing Laboratory	PR	3			
22												
23												
24												
25							**Laser Systems and Metallic Materials**					
26				**Rapid Production**			Laser Systems and Process Technologies	VL	2			
27				Rapid Production	VL	2	Structural Metallic Materials	VL	2			
28				Rapid Production	SE	2						
29												
30												
31												

| Business & Management (from catalogue) - 6LP |
| Nontechnical Elective Complementary 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.