Course of Study Mechanical Engineering and Management (Study Cohort w18)

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

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

2 Robotics Nobility Network Research Project MPMEM Research Project MPMEM Master Thesis 3 Robotics: Modelling and Control U.B. 3 Design vancomposites VL 2 4 Robotics: Modelling and Control U.B. 3 Design vancomposites VL 2 5 Computer Aided Design and Computation VL 2 Selected Topics of Business Administration Filte-polymer-composites VL 2 6 Computer Aided Design and Computation VL 2 Selected Topics of Mechanical Engineering Filte-polymer-composites VL 2 7 Computer Aided Design and Computation VL 2 Selected Topics of Mechanical Engineering Filte-polymer-composites VL 2 7 Computer Aided Design and Computation VL 2 2 Filte-polymer-composites VL 2 7 Computer Aided Design and Computation VL 2 2 Filte-polymer-composites VL 2 8 Selected Topics of Business Administration International Production Management Part 2) Filte-polymer-composites Selected Topics of Mechanical Engineering Selected Topics of Mechanical Engineering 10 Vibration Theory (IGES) VI 2 AdministratiP	LP	Semester 1	Form Hr	/wkSemester 2	Form	Hrs/w	kSemester 3 Fo	orm Hrs/w	vkSemester 4 Form H	rs/wk
Computer Aided Design and Computation Selected Topics of Business Administration Selected Topics of Business Administration VL 2 Computer Aided Design and Computation VE 2 Project Management and VL 2 Computer Aided Design and Computation VE 2 Project Management and VL 2 Selected Topics of Business Administration VE 3 Selected Topics of Mechanical Engineering and Computation and Human (VL 2 Computer Aided Design and Computation VE 2 Human Resource Management and Resource Management. Organization and Human (VL 2 Selected Topics of Mechanical Engineering and Computation and Human (VL 2 Management (Doganization and Human (VL 2 Selected Topics of Mechanical Engineering and Entoprise Resource Planning: CEMPABES AG International Production Management and Resource Management and Resource Management. Organization and Human (VL 2 Vibration Theory (GES) VE Quantitative Research Methods PS 3 Vibration Theory (GES) VE Vertation Theory (GES) VE Nonlinear Dynamics VE 2 Manag	1 2 3 4 5 6	Robotics: Modelling and Control		Design with fibre-polymer-composites Structure and properties of fibre-			Research Project IMPMEM		Master Thesis	
31 Selected Topics of Business Administration Selection from a catalog Anagement, Organization and Human VL 2 Corporate Finance VL 2 International Production Management SE 2 Anagement, Organization and Human VL 2 Selected Topics of Mechanics Ensures International Production Management SE 2 Industrial Process Automation VL 2 Industrial Process Automation VL 2 2 Vibration Theory VL VL VL Management Cryanization and Human VL 2 2 Vibration Theory VL VL Management Cryanization Production Management VL	7 8 9 10 11 12	Computer Aided Design and Computation	VL 2	(IPM) (part 2) Human Resource Management and Organization Design Project Management Methods Selected Topics of Mechanical Engin	VL VL	2				
Imagement (part 1) and Enterprise Resource Planning: and Enterprise Resource Planning: Resource Management a Imagement (part 1) selection from a catalog and Enterprise Resource Planning: Resource Management a Imagement (part 1) selection from a catalog and Enterprise Resource Planning: and Enterprise Resource P	13 14 15	(IPM) (part 1) Corporate Finance	VL 2	Selection from a catalog International Production Manageme Enterprise Resource Planning: CERI	MEDES	AG	Resource Management Management, Organization and Human W Resource Management W	/L 2		
20 Viration Theory HÜ 1 Quantitative Research Methods PS 3 Industrial Process Automation VL 2 22 Autitative Research Methods PS 3 Industrial Process Automation VE 2 23 Autitative Research Methods PS 3 Industrial Process Automation VE 2 24 Autitative Research Methods PS 3 Industrial Process Automation VE 2 25 Autitative Research Methods PS No No No No No 26 No 27 No No <td>16 17 18 19</td> <td>Management (part 1) Selection from a catalog Vibration Theory (GES)</td> <td></td> <td>and Enterprise Resource Planning: CERMEDES AG</td> <td></td> <td></td> <td>Resource Management</td> <td>DE Z</td> <td></td> <td></td>	16 17 18 19	Management (part 1) Selection from a catalog Vibration Theory (GES)		and Enterprise Resource Planning: CERMEDES AG			Resource Management	DE Z		
26 7	20 21 22 23 24			Quantitative Research Methods	PS	3	Industrial Process Automation			
	25 26 27 28 29 30 31				IV	4				
			-							

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.