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

Sample Course plan B Master Mechanical Engineering and Management (IMPMEN)	_		Core Qualification Compulsory Specialisation Compuls	sory Focus Compulsory Thesis Compulsory
Marked   M			Core Qualification Elective Compulsory Specialisation Elective	Compulsory Focus Elective Compulsory Interdisciplinary complement
Contices Monting and control	ecialisation Mechatronics, Specialisation Materials <sub>rm</sub> Hrs/wk	Semester 2 Form Hrs/wk	Semester 3 Form Hrs/wk	Semester 4 Form Hrs/wk
Marie   Mari	Robotics: Modelling and Control VL 3 Robotics: Modelling and Control GÜ 2	Design with fibre-polymer-composites VL 2	Research Project IMPMEM	Master Thesis
Complex Alab Calcign and Compactation         Vi.         2 of Complex Alab Calcign and Complex Al				
Manifer   Mani	Computer Aided Design and Computation VL 2 Computer Aided Design and Computation GÜ 2	(part 2)		
Model	1 2	Nucleus December		
19	4 (part 1) Selection from a catalog 6		Industrial Process Automation VL 2	
19     Machain Theory     Mechanical Behaviour of Brittle Materials     VL 2       21     Variation Theory     Mechanical Behaviour of Brittle Materials     VL 2       22     Dislocation Theory of Plasticity     VL 2       23     Variation Theory     VL 2       24     Variation Theory     VL 2       24     Variation Theory     VL 2       25     Continuum Mechanics     VL 2       26     Continuum Mechanics Exercise     VL 2       27     Printinuum Mechanics Exercise     VL 2       28     VL 2       29     VL 2       29     VL 2       30     VL 2       30     VL 2       4     VL 2       4     VL 2       5     VL 2       5     VL 2       6     VL 2       6     VL 2       7     VL 2       8     VL 2       8     VL 2       9     VL 2       10     VL 2<				
26 Continuum Mechanics VL 2 2 60 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9 Vibration Theory 0 Vibration Theory IV 4 1 2 3	Mechanical Behaviour of Brittle Materials VL 2		
	Continuum Mechanics VL 2 Continuum Mechanics Exercise GÜ 2  8 9			

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