

Course of Study Mechatronics (Study Cohort w22)

Sample course plan A Master Mechatronics (IMPMEC)

Specialisation Intelligent Systems and Robotics

Specialisation Intelligent Systems and Robotics																	
1	Robotics Robotics: Modelling and Control IV 4 Robotics: Modelling and Control PBL 2				Machine Learning and Data Mining Machine Learning and Data Mining VL 2 Machine Learning and Data Mining GÜ 2				Research Project Mechatronics				Master Thesis				
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7	Vibration Theory Vibration Theory IV 4				Nonlinear Dynamics Nonlinear Dynamics IV 4												
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12	Finite Elements Methods Finite Element Methods VL 2 Finite Element Methods HÜ 2				Embedded Systems Embedded Systems VL 3 Embedded Systems GÜ 1 Embedded Systems PBL 1				Industrial Process Automation Industrial Process Automation VL 2 Industrial Process Automation GÜ 2								
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18	Control Systems Theory and Design Control Systems Theory and Design VL 2 Control Systems Theory and Design GÜ 2				Optimal and Robust Control Optimal and Robust Control VL 2 Optimal and Robust Control GÜ 2				Mathematical Image Processing Mathematical Image Processing VL 3 Mathematical Image Processing GÜ 1								
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24	Design and Implementation of Software Systems Design and Implementation of Software Systems VL 2 Design and Implementation of Software Systems PR 2																
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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.

