

Course of Study Mechatronics (Study Cohort w22)

Sample course plan A Master Mechatronics (IMPMEC) Dual study program

Specialisation Intelligent Systems and Robotics

Specialisation Intelligent Systems and Robotics																					
1	Robotics Robotics: Modelling and Control IV 4 Robotics: Modelling and Control PBL 2			Practical module 2 (dual study program, Master's degree) Practical term 2 0			Research Project Mechatronics			Master thesis (dual study program)											
2																					
3																					
4																					
5																					
6																					
7	Vibration Theory Vibration Theory IV 4																				
8																					
9																					
10																					
11				Machine Learning and Data Mining Machine Learning and Data Mining VL 2 Machine Learning and Data Mining GÜ 2			Practical module 3 (dual study program, Master's degree) Practical term 3 0														
12																					
13				Finite Elements Methods Finite Element Methods VL 2 Finite Element Methods HÜ 2																	
14																					
15																					
16																					
17																					
18																					
19																					
20	Control Systems Theory and Design Control Systems Theory and Design VL 2 Control Systems Theory and Design GÜ 2																				
21																					
22																					
23																					
24																					
25																					
26																					
27	Design and Implementation of Software Systems Design and Implementation of Software Systems VL 2 Design and Implementation of Software Systems PR 2																				
28																					
29																					
30				Optimal and Robust Control Optimal and Robust Control VL 2 Optimal and Robust Control GÜ 2																	
31																					
32																					
33	Practical module 1 (dual study program, Master's degree) Practical term 1 0																				
34																					
35																					
36																					
37																					
38																					
39																					
40																					
Business & Management (from catalogue) - 6LP																					
Linking theory and practice (dual study program, Master's degree) (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.

