

Curriculum

Semester Credit Units ECTS-Credits				
	1	2	3	4
INDUSTRIAL AUTOMATION & CONTROL SYSTEMS ENGINEERING				
Applied Automation Technology	3 5			
Industrial Control System Engineering		3 5		
Advanced Automation Technology			3 5	
INDUSTRIAL IMAGE AND DATA PROCESSING				
Software design	3 5			
Industrial Image Acquisition & Processing		3 5		
Industrial Internet of Things			3 5	
ARTIFICIAL INTELLIGENCE IN PRODUCTION PROCESSES				
Fundamentals of Data-Based Methods	3 5			
Machine Learning in Industrial Image Processing		3 5		
Machine Learning in Production & Machine Data Processing			3 5	
INDUSTRIAL ROBOTICS & AUTONOMOUS MOBILE ROBOTICS				
Applied Industrial Robotics	3 5			
Advanced Industrial Robotics		3 5		
Autonomous Mobile Robotics			3 5	
PLANNING AND OPTIMIZATION OF PRODUCTION SYSTEMS & PLANTS				
Production Systems	3 5			
Simulation of Production & Logistics Systems		3 5		
Workshop & Production System Planning			3 5	
APPLIED INDUSTRIAL PROJECT				
Project Management in Special Machinery & Plant Engineering	3 5			
Project I		3 5		
Project II			3 5	
MASTER THESIS & MASTER EXAM				
Master Thesis Seminar				2 3
Master Thesis				0 25
Master Exam				0 2
SEMESTER CREDIT UNITS ECTS-CREDITS	18 30	18 30	18 30	2 30