

Master IT Engineering - Smart Manufacturing

Start Winter semester

Semester 1	Semester 2	Semester 3
AI & Optimization for Industrial Applications X 5 ECTS	Industrial Internet of Things X 5 ECTS	Masterthesis & Colloquium X 30 ECTS
Medical Engineering X 5 ECTS	Systems Engineering X 5 ECTS	
Embedded Systems Workshop X 5 ECTS	Smart Manufacturing Project T 5 ECTS	
Smart Manufacturing Seminar T 5 ECTS	Sensors -Technology and Fabrication T 5 ECTS	
Automation Technology T 5 ECTS	Modern Production Methods T 5 ECTS	
Choice (1 out of 2) Security Management Communication Systems & Reconfigurable Computing V 5 ECTS	Robotics T 5 ECTS	
I COMPUTER SCIENCE X INTEGRATIVE COURSE	T ENGINEERING V ELECTIVE COURSE	W ECONOMICS S SOFT SKILLS M MATHEMATICS

Master IT Engineering - Smart Manufacturing

Start Summer semester

Semester 1	Semester 2	Semester 3
Industrial Internet of Things X 5 ECTS	AI & Optimization for Industrial Applications X 5 ECTS	Masterthesis & Colloquium X 30 ECTS
Systems Engineering X 5 ECTS	Medical Engineering X 5 ECTS	
Smart Manufacturing Seminar T 5 ECTS	Embedded Systems Workshop X 5 ECTS	
Sensors -Technology and Fabrication T 5 ECTS	Smart Manufacturing Project T 5 ECTS	
Modern Production Methods T 5 ECTS	Automation Technology T 5 ECTS	
Robotics T 5 ECTS	Choice (1 out of 2) Security Management Communication Systems & Reconfigurable Computing V 5 ECTS	
I COMPUTER SCIENCE X INTEGRATIVE COURSE	T ENGINEERING V ELECTIVE COURSE	W ECONOMICS S SOFT SKILLS M MATHEMATICS