

Master IT Engineering

Start zum Sommersemester

Semester 1	Semester 2	Semester 3
<p>Industrial Internet of Things X 5 ECTS</p>	<p>Wahlblock (1 aus 2) Security Management Communication Systems & Reconfigurable Computing X 5 ECTS</p>	<p>Masterthesis & Kolloquium X 30 ECTS</p>
<p>Robotics T 5 ECTS</p>	<p>AI & Optimization for Industrial Applications X 5 ECTS</p>	
<p>Vertiefung V 20 ECTS</p>	<p>Embedded Systems Workshop T 5 ECTS</p>	
	<p>Medical Engineering T 5 ECTS</p>	
	<p>Vertiefung V 10 ECTS</p>	
<p>I INFORMATIK X INTEGRATIONSFACH</p>	<p>T TECHNIK V VERTIEFUNG/WAHL</p>	<p>W WIRTSCHAFT S SOFT SKILLS M MATHEMATIK</p>

Semester 1

Semester 2

IT Systems & Security

Workshop Cryptography I 5 ECTS	Distributed Systems I 5 ECTS
Security Engineering I 5 ECTS	IT Project X 5 ECTS
Algorithmics I 5 ECTS	
IT Seminar X 5 ECTS	
Sensors -Technology and Fabrication X 5 ECTS	Automation Technology X 5 ECTS
Systems Engineering X 5 ECTS	Smart Manufacturing Project X 5 ECTS
Modern Production Methods X 5 ECTS	
Smart Manufacturing Seminar X 5 ECTS	

Smart Manufacturing

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|---------------------------|--------------------------|----------------------|---------------------|
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Security Management
Communication Systems &
Reconfigurable Computing
X 5 ECTS

AI & Optimization for
Industrial Applications
X 5 ECTS

Embedded Systems
Workshop
T 5 ECTS

Medical Engineering
T 5 ECTS

Vertiefung
V 10 ECTS

Industrial Internet of
Things
X 5 ECTS

Robotics
T 5 ECTS

Vertiefung
V 20 ECTS

Masterthesis &
Kolloquium
X 30 ECTS

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M MATHEMATIK

IT Systems & Security

Smart Manufacturing

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Semester 2

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IT Project X 5 ECTS	Security Engineering I 5 ECTS
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