

Master IT Engineering

3 semesters - starting in summer semester

Semester 1

Seminar IT Engineering
X 5 ECTS

Options (5 out of 7)

Modern Production Methods
T 5 ECTS

Technical Optics
T 5 ECTS

Robotics
T 5 ECTS

Industrial Internet of Things
X 5 ECTS

Algorithmics
I 5 ECTS

WS Cryptography
I 5 ECTS

Security Engineering
I 5 ECTS

V 25 ECTS

Semester 2

Project IT Engineering
X 5 ECTS

Wahlblock (1 aus 2)
Security Management
Communication Systems &
Reconfigurable Computing
X 5 ECTS

Dynamical Systems
T 5 ECTS

Embedded Systems Workshop
T 5 ECTS

Medical Engineering
T 5 ECTS

Distributed Systems
I 5 ECTS

Semester 3

Master Thesis & Colloquium
T 30 ECTS

I COMPUTER SCIENCE
X INTEGRATIVE COURSE

T ENGINEERING
V ELECTIVE COURSE

W ECONOMICS
S SOFT SKILLS

M MATHEMATICS

Master IT Engineering

3 semesters - starting in winter semester

Semester 1	Semester 2	Semester 3
<p>Seminar IT Engineering X 5 ECTS</p>	<p>Project IT Engineering X 5 ECTS</p>	<p>Master Thesis & Colloquium T 30 ECTS</p>
<p>Wahlblock (1 aus 2) Security Management Communication Systems & Reconfigurable Computing X 5 ECTS</p>	<p>Options (5 out of 7)</p> <p>Modern Production Methods T 5 ECTS</p>	
<p>Dynamical Systems T 5 ECTS</p>	<p>Technical Optics T 5 ECTS</p>	
<p>Embedded Systems Workshop T 5 ECTS</p>	<p>Robotics T 5 ECTS</p>	
<p>Medical Engineering T 5 ECTS</p>	<p>Industrial Internet of Things X 5 ECTS</p>	
<p>Distributed Systems I 5 ECTS</p>	<p>Algorithmics I 5 ECTS</p>	
	<p>WS Cryptography I 5 ECTS</p>	
	<p>Security Engineering I 5 ECTS</p>	
	<p>V 25 ECTS</p>	
<p>I COMPUTER SCIENCE</p> <p>X INTEGRATIVE COURSE</p>	<p>T ENGINEERING</p> <p>V ELECTIVE COURSE</p>	<p>W ECONOMICS</p> <p>S SOFT SKILLS</p> <p>M MATHEMATICS</p>