# MSc IT-Engineering (in English)

Start in summer

<table>
<thead>
<tr>
<th>Choice (5 of 7)</th>
<th>Dynamical Systems</th>
<th>Distributed Systems</th>
<th>Workshop Embedded Systems</th>
<th>Thesis and Colloquium</th>
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MSc IT-Engineering (in English)
Start in winter

Semester 1
- Dynamical Systems
- Distributed Systems
- Workshop Embedded Systems
- Security Management
- Medical Engineering
- Seminar

Semester 2
- Choice (5 of 7)
- Algorithmics
- Workshop Cryptography
- Security Engineering
- Business Intelligence
- Robotics
- Modern Production Methods
- Technical Optics
- Project

Semester 3
- Thesis and Colloquium

All information subject to change
22.09.2017
MSc IT-Engineering (in English) for 180 credits bachelor graduates
Start in summer

Modulelist for Choice Block 5 of 7

Semester 1
- Programming Structures 2
- Signals and Systems
- 3 courses of Choice Block 5 of 7

Semester 2
- Discrete Mathematics
- Applications of Artificial Intelligence
- Dynamical Systems
- Distributed Systems
- Security Management
- Medical Engineering
- Workshop Embedded Systems
- 2 courses of Choice Block 5 of 7
- Seminar
- Project

Semester 3
- Advanced Programming Lab
- Colloquium Paper
- Thesis and Colloquium

Semester 4
- 2 courses of Choice Block 5 of 7
- 2 courses of Choice Block 5 of 7
- Thesis and Colloquium

All information subject to change
22.09.2017

* Bachelor modules.
MSc IT-Engineering (in English) for 180 credits bachelor graduates
Start in winter

Semester 1
- Discrete Mathematics
- Applications of Artificial Intelligence
- Programming Structures 2
- Workshop Embedded Systems
- Medical Engineering

Semester 2
- Advanced Programming Lab
- Signals and Systems
- Choice (5 of 7)
- Algorithmics
- Workshop Cryptography
- Security Engineering
- Business Intelligence
- Robotics
- Modern Production Methods
- Technical Optics

Semester 3
- Colloquium Paper
- Dynamical Systems
- Distributed Systems
- Security Management
- Seminar
- Project

Semester 4
- Thesis and Colloquium
- 30 ECTS

* Bachelor modules.