Information Technology (M.Sc.) | Modultafel/Modules

4-semestrige Studienvariante/4-semester study program

4. Semester	**30 ECTS**	Master Thesis and Colloquium (13)					
3. Semester	**30 ECTS**	Machine Learning (7)	Mobile Computing (8)	Field Theory for Optical and Microwave Communication Systems (9)	Autonomous Intelligent Systems (10)	Optional Technical Subject (11)	Project (12)
2. Semester	**30 ECTS**	Vector Analysis (1)	Stochastic Signals and Systems (2)	Digital Baseband Transmission and Modulation Methods (3)	Cloud Computing (4)	Digital Switching and Routing (5)	Computational Intelligence (6)
1. Semester	**30 ECTS**	Methods, Systems and Networks for Digital Communication (A)	Circuit Design for Communication Systems (B)	Software Engineering (C)	Image Processing and Identification of Dynamic Systems (D)	IT-Security (E)	Cultural Diversity and Business Ethics (F)

Information Technology (M.Sc.) | Modultafel/Modules

3-semestrige Studienvariante/3-semester study program

3. Semester	**30 ECTS**	Master Thesis and Colloquium (13)				
2. Semester	**30 ECTS**	Machine Learning (7)	Mobile Computing (8)	Field Theory for Optical and Microwave Communication Systems (9)	Autonomous Intelligent Systems (10)	Optional Technical Subject (11) · Project (12)
1. Semester	**30 ECTS**	Vector Analysis (1)	Stochastic Signals and Systems (2)	Digital Baseband Transmission and Modulation Methods (3)	Cloud Computing (4)	Digital Switching and Routing (5) · Computational Intelligence (6)