Course of Study Information and Communication Systems (Study Cohort w17)

Sample course plan D Master Information and Communication Systems (IMPICS)
Specialisation Secure and Dependable IT Systems, Focus Networks, Focus Software and Signal Processing

Legend:

Core qualification Compulsory	Specialisation Compulsory
Core qualification Elective Compulsory	Specialisation Elective Compulsory
Focus Compulsory	Thesis Compulsory
Focus Elective Compulsory	Interdisciplinary complement

LP	Semester 1	Form	Hrs/wk	Semester 2	Form	Hrs/wk	Semester 3	Form	Hrs/wk	Semester 4	Form	Hrs/wk
1	**Software Verification**			**Information Theory and Coding**			**Research Project and Seminar**			**Master Thesis**		
2	Software Verification	VL	2	Information Theory and Coding	VL	3	Seminar	SE	2			
3	Software Verification	UE	2	Information Theory and Coding	HÜ	1	Project Work	PK	10			
4												
5												
6												
7	**Software Security**			**Application Security**								
8	Software Security	VL	2	Application Security	VL	3						
9	Software Security	UE	2	Application Security	UE	2						
10												
11												
12												
13	**Digital Image Analysis**			**Communication Networks II - Simulation and Modeling**								
14	Digital Image Analysis	VL	4									
15				Simulation and Modelling of Communication Networks	PBL	5						
16												
17												
18												
19				**Computer Graphics**			**Traffic Engineering**					
20				Computer Graphics	VL	2	Traffic Engineering	VL	2			
21				Computer Graphics	UE	2	Traffic Engineering Exercises	UE	1			
22							Seminar Traffic Engineering	SE	2			
23												
24												
25												
26												
27												
28												
29												
30												

Business & Management (from catalogue) - 6LP
Nontechnical Elective Complementary Courses for Master (from catalogue) - 6LP
Technical Complementary Course for IMPICS (according to Subject Specific Regulations) - 12LP

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.