Course of Study Information and Communication Systems (Study Cohort w16)

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

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**			**Cryptography**								
8	Software Security	VL	2	Cryptography	VL	2						
9	Software Security	UE	2	Cryptography	UE	2						
10												
11												
12												
13	**Communication Networks I - Analysis and Structure**			**Communication Networks II - Simulation and Modeling**								
14	Analysis and Structure of Communication Networks	VL	2									
15				Simulation and Modelling of Communication Networks	PBL	5						
16	Communication Networks Excercise	PBL	1									
17	Selected Topics of Communication Networks	PBL	2									
18												
19	**Digital Audio Signal Processing**			**Software Analysis**								
20	Digital Audio Signal Processing	VL	3	Software Analysis	VL	2						
21	Digital Audio Signal Processing	HÜ	1	Software Analysis	UE	2						
22												
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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.