

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

Sample course plan C 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	Focus Compulsory	Thesis Compulsory
Core qualification Elective Compulsory	Specialisation Elective 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		Network Security					
8	Software Security	VL 2	Network Security	VL 3				
9	Software Security	UE 2	Network Security	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	Simulation and Modelling of Communication Networks	PBL 5				
15	Communication Networks Exercise	PBL 1						
16	Selected Topics of Communication Networks	PBL 2						
17								
18								
19	Software Analysis							
20	Software Analysis	VL 2						
21	Software Analysis	UE 2						
22								
23								
24								
25	Digital Audio Signal Processing							
26	Digital Audio Signal Processing	VL 3						
27	Digital Audio Signal Processing	HÜ 1						
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.