

Course of Study Information and Communication Systems (Study Cohort w22)

Sample course plan C Master Information and Communication Systems (IMPICS)

Legend:

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

Specialisation Secure and Dependable IT Systems, Focus Networks, Focus Software and Signal Processing

1	Software Verification			Information Theory and Coding		Research Project ICS		Master Thesis
2	Software Verification	VL	2	Information Theory and Coding	VL	Research Project ICS	PK 8	
3	Software Verification	GÜ	2	Information Theory and Coding	HÜ			
4								
5								
6								
7	Software Security			Design of Dependable Systems				
8	Software Security	VL	2	Designing Dependable Systems	VL			
9	Software Security	GÜ	2	Designing Dependable Systems	GÜ			
10								
11								
12								
13	Digital Communications			Simulation of Communication Networks		Advanced Seminars Computer Science and Communication Technology		
14	Digital Communications	VL	2	Simulation of Communication Networks	PBL	Advanced Seminar Computer Science and Communication Technology I	SE 2	
15	Digital Communications	HÜ	2			Introductory Seminar Computer Science and Communication Technology II	SE 2	
16	Laboratory Digital Communications	PR	1					
17								
18								
19	Digital Audio Signal Processing			Software Testing		Image Processing		
20	Digital Audio Signal Processing	VL	3	Software Testing	VL	Image Processing	VL 2	
21	Digital Audio Signal Processing	HÜ	1	Software Testing	PBL	Image Processing	GÜ 2	
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Business & Management (from catalogue) - 6LP								
Non-technical 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.

