

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

Legend:

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

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			Technical Complementary Course I for IMPICS (according to Subject Specific Regulations)								
8	Software Security	VL	2									
9	Software Security	UE	2									
10												
11												
12												
13	Communication Networks I - Analysis and Structure			Cryptography								
14	Analysis and Structure of Communication Networks	VL	2	Cryptography	VL	2						
15	Communication Networks Exercise	POL	1	Cryptography	UE	2						
16	Selected Topics of Communication Networks	POL	2									
17												
18												
19	Digital Audio Signal Processing			Communication Networks II - Simulation and Modeling			Technical Complementary Course II for IIWMS (according to Subject Specific Regulations)					
20	Digital Audio Signal Processing	VL	3	Simulation and Modelling of Communication Networks	POL	5						
21	Digital Audio Signal Processing	HÜ	1									
22												
23												
24												
25				Software Analysis								
26				Software Analysis	VL	2						
27				Software Analysis	UE	2						
28												
29												
30												
Business & Management (from catalogue) - 6LP												
Nontechnical Elective Complementary Courses for Master (from catalogue) - 6LP												

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