

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

Sample course plan A Master Information and Communication Systems (IMPICS)
Specialisation Communication Systems, Focus Software, Focus 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	Digital Communications		Information Theory and Coding		Research Project and Seminar		Master Thesis	
2	Digital Communications	VL 2	Information Theory and Coding	VL 3	Seminar	SE 2		
3	Digital Communications	HÜ 1	Information Theory and Coding	HÜ 1	Project Work	PK 10		
4	Laboratory Digital Communications	PR 1						
5								
6								
7	Communication Networks I - Analysis and Structure		Communication Networks II - Simulation and Modeling					
8	Analysis and Structure of Communication Networks	VL 2	Simulation and Modelling of Communication Networks	PBL 5				
9	Communication Networks Exercise	PBL 1						
10	Selected Topics of Communication Networks	PBL 2						
11								
12								
13	Digital Signal Processing and Digital Filters		Software for Embedded Systems					
14	Digital Signal Processing and Digital Filters	VL 3	Software for Embedded Systems	VL 2				
15	Digital Signal Processing and Digital Filters	HÜ 1	Software for Embedded Systems	UE 3				
16								
17								
18								
19	Digital Audio Signal Processing		Software Testing					
20	Digital Audio Signal Processing	VL 3	Software Testing	VL 2				
21	Digital Audio Signal Processing	HÜ 1	Software Testing	PBL 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.