

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

Sample course plan A Master Information and Communication Systems (IMPICS)
Specialisation Communication Systems, Focus Software, Focus Signal Processing

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				
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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				
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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.

