

Course of Study Information and Communication Systems (Study Cohort w14)

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	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	Digital Communications			Information Theory and Coding			Technical Complementary Course II			Master Thesis		
2	Digital Communications	VL	2	Information Theory and Coding	VL	3						
3	Digital Communications	HÜ	1	Information Theory and Coding	HÜ	1						
4	Laboratory Digital Communications	PR	1									
5												
6												
7	Communication Networks I - Analysis and Structure			Technical Complementary Course I			Research Project and Seminar					
8	Analysis and Structure of Communication Networks	VL	2				Research Project Work		2			
9	Communication Networks Exercise	POL	1				Seminar	SE	2			
10	Selected Topics of Communication Networks	POL	2									
11												
12												
13	The Computational Web			Communication Networks II - Simulation and Modeling								
14	The Computational Web	VL	2	Simulation and Modelling of Communication Networks	POL	5						
15	The Computational Web	PS	2									
16												
17												
18												
19	Digital Signal Processing and Digital Filters			Software for Embedded Systems								
20	Digital Signal Processing and Digital Filters	VL	3	Software for Embedded Systems	VL	2						
21	Digital Signal Processing and Digital Filters	HÜ	1	Software for Embedded Systems	UE	3						
22												
23												
24												
25				Pattern Recognition and Data Compression								
26				Pattern Recognition and Data Compression	VL	4						
27												
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.