

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

Sample course plan B 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	<b>Digital Communications</b>		<b>Information Theory and Coding</b>		<b>Research Project and Seminar</b>		<b>Master Thesis</b>	
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	<b>Software Analysis</b>		<b>Communication Networks II - Simulation and Modeling</b>					
8	Software Analysis	VL 2	Simulation and Modelling of Communication Networks	PBL 5				
9	Software Analysis	UE 2						
10								
11								
12								
13	<b>Software Verification</b>		<b>Computer Graphics</b>					
14	Software Verification	VL 2	Computer Graphics	VL 2				
15	Software Verification	UE 2	Computer Graphics	UE 2				
16								
17								
18								
19	<b>Digital Image Analysis</b>				<b>Traffic Engineering</b>			
20	Digital Image Analysis	VL 4			Traffic Engineering	VL 2		
21					Traffic Engineering Exercises	UE 1		
22					Seminar Traffic Engineering	SE 2		
23								
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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.