

# Course of Study Information and Communication Systems (Study Cohort w18)

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

LP	Semester 1	Form	Hrs/v	Semester 2	Form	Hrs/v	Semester 3	Form	Hrs/v	Semester 4	Form	Hrs/v
1	<b>Software Verification</b>			<b>Information Theory and Coding</b>			<b>Research Project and Seminar</b>			<b>Master Thesis</b>		
2	Software Verification	VL	2	Information Theory and	VL	3	Seminar	SE	2			
3	Software Verification	UE	2	Coding			Project Work	PK	10			
4				Information Theory and	HÜ	1						
5				Coding								
6												
7	<b>Software Security</b>			<b>Network Security</b>								
8	Software Security	VL	2	Network Security	VL	3						
9	Software Security	UE	2	Network Security	UE	2						
10												
11												
12												
13	<b>Communication Networks</b>			<b>Simulation of Communication</b>								
14	Analysis and Structure of	VL	2	<b>Networks</b>								
15	Communication Networks			Simulation and Modelling	PBL	5						
16	Communication Networks	PBL	1	of Communication								
17	Excercise			Networks								
18	Selected Topics of	PBL	2									
	Communication Networks											
19	<b>Digital Audio Signal</b>			<b>Computer Graphics</b>								
20	<b>Processing</b>			Computer Graphics	VL	2						

21	Digital Audio Signal	VL 3	Computer Graphics	UE 2
22	Processing			
23	Digital Audio Signal	HÜ 1		
24	Processing			

25  
26  
27  
28  
29  
30

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.