

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

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

LP	Semester 1			Semester 2			Semester 3			Semester 4				
		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		Form	Hrs/wk		
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 Coding		VL	3		Seminar	SE	2	
3		Software Verification	UE		2	Information Theory and Coding		HÜ	1					
4														
5														
6														
7	<b>Software Security</b>			<b>Technical Complementary Course I</b>										
8		Software Security	VL		2									
9		Software Security	UE		2									
10														
11														
12														
13	<b>Communication Networks I - Analysis and Structure</b>			<b>Network Security</b>										
14		Analysis and Structure of Communication Networks	VL		2	Network Security		VL	3					
15						Network Security		UE	2					
16		Communication Networks Excercise	PBL		1									
17		Selected Topics of Communication Networks	PBL		2									
18														
19	<b>The Computational Web</b>			<b>Communication Networks II - Simulation and Modeling</b>			<b>Technical Complementary Course II for IIWMS (according to Subject Specific Regulations)</b>							
20		The Computational Web	VL		2									
21		The Computational Web	PS		2	Simulation and Modelling of Communication Networks		PBL	5					
22														
23														
24														
25				<b>Software Analysis</b>										
26					Software Analysis	VL	2							
27					Software Analysis	UE	2							
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.

