

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

Sample course plan D 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	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	<b>Software Verification</b>			<b>Information Theory and Coding</b>			<b>Technical Complementary Course II</b>			<b>Master Thesis</b>		
2	Software Verification	VL	2	Information Theory and Coding	VL	3						
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>			<b>Research Project and Seminar</b>					
8	Software Security	VL	2				Research Project Work		2			
9	Software Security	UE	2				Seminar	SE	2			
10												
11												
12												
13	<b>Digital Image Analysis</b>			<b>Application Security</b>								
14	Digital Image Analysis	VL	4	Application Security	VL	3						
15				Application Security	UE	2						
16												
17												
18												
19				<b>Communication Networks II - Simulation and Modeling</b>								
20				Simulation and Modelling of Communication Networks	POL	5						
21												
22												
23												
24												
25				<b>Computer Graphics and Animation</b>			<b>Traffic Engineering</b>					
26				Computer Graphics and Animation	VL	2	Traffic Engineering	VL	2			
27				Computer Graphics and Animation	PS	2	Traffic Engineering Exercises	UE	1			
28							Seminar Traffic Engineering	SE	2			
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.