

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

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 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>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	VL	3	Seminar	SE	2			
3	Digital Communications	HÜ	1	Coding			Project Work	PK	10			
4	Laboratory Digital	PR	1	Information Theory and	HÜ	1						
5	Communications			Coding								
6												
7	<b>Modern Wireless Systems</b>			<b>Software for Embedded</b>								
8	Modern Wireless Systems	VL	2	<b>Systems</b>								
9	Selected Topics of	PBL	2	Software for Embedded	VL	2						
10	Modern Wireless Systems			Systems								
11				Software for Embedded	UE	3						
12				Systems								
13	<b>Communication Networks</b>			<b>Software Testing</b>								
14	Analysis and Structure of	VL	2	Software Testing	VL	2						
15	Communication Networks			Software Testing	PBL	2						
16	Communication Networks	PBL	1									
17	Excercise											
18	Selected Topics of	PBL	2									
19	Communication Networks											
20	<b>Digital Signal Processing and</b>			<b>Wireless Sensor Networks</b>								
	<b>Digital Filters</b>			Wireless Sensor Networks	VL	2						

21	Digital Signal Processing	VL 3	Wireless Sensor Networks UE 1
22	and Digital Filters		Wireless Sensor PBL2
23	Digital Signal Processing	HÜ 1	Wireless Sensor Networks: Project
24	and Digital Filters		

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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.