

Course of Study Information and Communication Systems (Study Cohort w22)

Sample course plan B Master Information and Communication Systems (IMPICS) Dual study program

Legend:

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

Specialisation Communication Systems, Focus Software, Focus Signal Processing

1	Practical module 1 (dual study program, Master's degree) Practical term 1 0	Information Theory and Coding Information Theory and Coding VL 3 Information Theory and Coding HÜ 2	Practical module 3 (dual study program, Master's degree) Practical term 3 0	Master thesis (dual study program)
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11	Digital Communications Digital Communications VL 2 Digital Communications HÜ 2 Laboratory Digital Communications PR 1	Secure Software Engineering Secure Software Engineering VL 2 Secure Software Engineering PBL 2	Research Project ICS Research Project ICS PK 8	
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17	Microwave Engineering Microwave Engineering VL 2 Microwave Engineering HÜ 2 Microwave Engineering PR 1	Applied Cryptography Applied Cryptography VL 3 Applied Cryptography GÜ 1	Advanced Seminars Computer Science and Communication Technology Advanced Seminar Computer Science and Communication Technology I SE 2 Introductory Seminar Computer Science and Communication Technology II SE 2	
18				
19				
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21				
22	Communication Networks Communication Networks VL 2 Communication Networks Exercise PBL 1 Selected Topics of Communication Networks PBL 2	Process Imaging Process Imaging VL 3 Process Imaging PBL 3		
23				
24				
25				
26	Digital Audio Signal Processing Digital Audio Signal Processing VL 3 Digital Audio Signal Processing HÜ 1			
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34				
Business & Management (from catalogue) - 6LP				
Linking theory and practice (dual study program, Master's degree) (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.

