

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

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

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

1	<b>Practical module 1 (dual study program, Master's degree)</b> Practical term 1 0	<b>Information Theory and Coding</b> Information Theory and Coding VL 3 Information Theory and Coding HÜ 2	<b>Practical module 3 (dual study program, Master's degree)</b> Practical term 3 0	<b>Master thesis (dual study program)</b>	
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7					<b>Practical module 2 (dual study program, Master's degree)</b> Practical term 2 0
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11	<b>Software Verification</b> Software Verification VL 2 Software Verification GÜ 2	<b>Design of Dependable Systems</b> Designing Dependable Systems VL 2 Designing Dependable Systems GÜ 2	<b>Research Project ICS</b> Research Project ICS PK 8		
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17	<b>Software Security</b> Software Security VL 2 Software Security GÜ 2	<b>Simulation of Communication Networks</b> Simulation of Communication Networks PBL 5	<b>Advanced Seminars Computer Science and Communication Technology</b> Advanced Seminar Computer Science and Communication Technology I SE 2 Introductory Seminar Computer Science and Communication Technology II SE 2		
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23	<b>Digital Communications</b> Digital Communications VL 2 Digital Communications HÜ 2 Laboratory Digital Communications PR 1	<b>Software Testing</b> Software Testing VL 2 Software Testing PBL 2	<b>Image Processing</b> Image Processing VL 2 Image Processing GÜ 2		
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27	<b>Digital Audio Signal Processing</b> Digital Audio Signal Processing VL 3 Digital Audio Signal Processing HÜ 1	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			
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The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

