

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

Sample course plan A 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	<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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11	<b>Digital Communications</b> Digital Communications VL 2 Digital Communications HÜ 2 Laboratory Digital Communications PR 1	<b>Advanced Internet Computing</b> Advanced Internet Computing VL 2 Advanced Internet Computing PBL 2	<b>Research Project ICS</b> Research Project ICS PK 8	
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17	<b>Communication Networks</b> Communication Networks VL 2 Communication Networks Exercise PBL 1 Selected Topics of Communication Networks PBL 2			
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22	<b>Software Verification</b> Software Verification VL 2 Software Verification GÜ 2	<b>Computer Graphics</b> Computer Graphics VL 2 Computer Graphics GÜ 2	<b>Modern Wireless Systems</b> Modern Wireless Systems VL 3 Selected Topics of Modern Wireless Systems PBL 2	
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26	<b>Digital Signal Processing and Digital Filters</b> Digital Signal Processing and Digital Filters VL 3 Digital Signal Processing and Digital Filters HÜ 2		<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	
27				
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29	Business & Management (from catalogue) - 6LP			
30	Linking theory and practice (dual study program, Master's degree) (from catalogue) - 6LP			
31	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.

