

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

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 |

| | | | | | | | |
|--|--|-------|--------------------------------------|-------|--|-------|----------------------|
| 1 | Digital Communications | | Information Theory and Coding | | Research Project ICS | | Master Thesis |
| 2 | Digital Communications | VL 2 | Information Theory and Coding | VL 3 | Research Project ICS | PK 8 | |
| 3 | Digital Communications | HÜ 2 | Information Theory and Coding | HÜ 2 | | | |
| 4 | Laboratory Digital Communications | PR 1 | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | Communication Networks | | Advanced Internet Computing | | | | |
| 8 | Communication Networks | VL 2 | Advanced Internet Computing | VL 2 | | | |
| 9 | Communication Networks Exercise | PBL 1 | Advanced Internet Computing | PBL 2 | | | |
| 10 | Selected Topics of Communication Networks | PBL 2 | | | | | |
| 11 | | | | | | | |
| 12 | | | | | | | |
| 13 | Software Verification | | Computer Graphics | | Modern Wireless Systems | | |
| 14 | Software Verification | VL 2 | Computer Graphics | VL 2 | Modern Wireless Systems | VL 3 | |
| 15 | Software Verification | GÜ 2 | Computer Graphics | GÜ 2 | Selected Topics of Modern Wireless Systems | PBL 2 | |
| 16 | | | | | | | |
| 17 | | | | | | | |
| 18 | | | | | | | |
| 19 | Digital Signal Processing and Digital Filters | | | | Advanced Seminars Computer Science and Communication Technology | | |
| 20 | Digital Signal Processing and Digital Filters | VL 3 | | | Advanced Seminar Computer Science and Communication Technology I | SE 2 | |
| 21 | Digital Signal Processing and Digital Filters | HÜ 2 | | | Introductory Seminar Computer Science and Communication Technology II | SE 2 | |
| 22 | | | | | | | |
| 23 | | | | | | | |
| 24 | | | | | | | |
| 25 | | | | | | | |
| 26 | | | | | | | |
| 27 | | | | | | | |
| 28 | | | | | | | |
| 29 | | | | | | | |
| 30 | | | | | | | |
| Business & Management (from catalogue) - 6LP | | | | | | | |
| Non-technical 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.

