

| | CODE | SUBJECT NAME | ECTS |
|---------------|-----------------------|---|------|
| 1 | 1BM05 | Business process management | 5 |
| 2 | 1BM10 | Electronic business architectures and systems | 5 |
| 3 | 1BM20 | Software requirements management: quality and functionality | 5 |
| 4 | 2ID25 | Information retrieval | 5 |
| 5 | 2II35 | Web information systems | 5 |
| 6 | 2IM33 | Kick-off meeting Business Information Systems | 0 |
| 7 | 2DD21 | Pre-master stochastic operations research | 3 |
| Total: | | | 28 |
| 1 | 0EM60 | Perspectives on medical technology | |
| 2 | 1BM60 | Product data management | |
| 3 | 1BM61 | Product lifecycle management | |
| 4 | 1BM70 | Healthcare Business Networks | |
| 5 | 1CM05 | Design of operations planning and control systems | |
| 6 | 1CM10 | Modeling and analysis of manufacturing systems | |
| 7 | 1CM55 | Strategic and operational decision making in transportation and logistics | |
| 8 | 1ZM16 | Management of product development | |
| 9 | 1ZM45 | International negotiation | |
| 10 | 1ZM65 | System Dynamics | |
| 11 | 2ID05 | Datamodeling and databases | |
| 12 | 2ID55 | Adaptive systems | |
| 13 | 2ID95 | Seminar databases and hypermedia | |
| 14 | 2IF25 | Formal methods | |
| 15 | 2II05 | Business information systems | |
| 16 | 2II45 | Architecture of distributed systems | |
| 17 | 2II65 | Metamodeling and interoperability | |
| 18 | 2II96 | Seminar architecture of information systems | |
| 19 | 2IL35 | I/O-efficient algorithms | |
| 20 | 2IL45 | Advanced algorithms | |
| 21 | 2IN25 | Real-time architectures | |
| 22 | 2IS15 | Generic language technology | |
| 23 | 2IS25 | Distributed trust management | |
| 24 | 2IS99 | Capita selecta software engineering and technology | |
| 25 | 2IT07 | Logic and set theory | |
| 26 | 2IT17 | Automata and process theory | |
| 27 | 2IV05 | Additional component computer graphics | |
| 28 | 2IV35 | Visualization | |
| 29 | 2IW25 | Requirement analysis, design and verification | |
| 30 | 2IW55 | Algorithms for model checking | |
| 31 | 2XT07 | Logic and set theory, partial examination A | |

| C/O | CODE | SUBJECT NAME | ECTS | C/O |
|-----|-------------------------|-------------------------------------|------|-----|
| C | 1 1BM40 | ICT architectures | 5 | C |
| C | 2 1BM65 | IT-Governance | 5 | C |
| C | 3 2ID45 | Advanced databases | 5 | C |
| C | 4 2II55 | Business process management systems | 5 | C |
| C | 5 2II75 | Business process simulation | 5 | C |
| C | 6 2II05 | Business information systems | 6 | C |

Total:

31

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|---|--------------------------|--|--|---|
| O | 1 1BM15 | Executable models (of logistic processes) | | O |
| O | 2 1BM31 | Multi-agent systems for e-business | | O |
| O | 3 1BM45 | Process mining | | O |
| O | 4 1BM55 | Enterprise information systems | | O |
| O | 6 1CM15 | Project and process management | | O |
| O | 7 1CM20 | Management accounting | | O |
| O | 8 1CM25 | Supply chain operations planning | | O |
| O | 9 1CM30 | Service supply chain for capital goods | | O |
| O | 10 1CM36 | Game theory with applications to supply chain management | | O |
| O | 11 1CM60 | Design of health care planning and control systems | | O |
| O | 12 1JM05 | Human aspects of product development and quality | | O |
| O | 13 1JM21 | Designing effective performance management systems | | O |
| O | 14 1JM27 | Human performance in innovative organizations | | O |
| O | 15 1ZM20 | Technology Entrepreneurship | | O |
| O | 16 1ZM25 | Knowledge processes & management | | O |
| O | 17 1ZM35 | Strategic sourcing and supply management | | O |
| O | 18 1ZM40 | Strategy and technology management | | O |
| O | 20 1ZM70 | Entrepreneurial Finance | | O |
| O | 21 2IC35 | Physical aspects of computer security | | O |
| O | 22 2IC95 | Seminar security | | O |
| O | 23 2ID35 | Database technology | | O |
| O | 24 2IF45 | Process algebra | | O |
| O | 25 2IF65 | Proving with computer assistance | | O |
| O | 26 2IF75 | Quantitative Formal methods | | O |
| O | 28 2IL55 | Geometric algorithms | | O |
| O | 29 2IN35 | VLSI programming | | O |
| O | 30 2IP45 | Software project management | | O |
| O | 31 2IS35 | Verification of security protocols | | O |
| O | 32 2IS55 | Software evolution | | O |
| O | 35 2IV55 | Interactive virtual environments | | O |
| O | 36 2IW15 | Automated reasoning | | O |
| O | 37 2IW45 | Programming by calculation | | O |

| | CODE | SUBJECT NAME | E | C/O |
|---|-----------------------|---|----------|------------|
| 1 | 1BM91 | Master project BIS | 30 | C |
| 1 | 1ML05 | Preparation master thesis 1: literature study | | O |
| 2 | 2IF95 | Seminar formal methods | | O |
| 3 | 2IL95 | Seminar algorithms | | O |
| 4 | 2IN95 | Seminar systems architecture and networking | | O |
| 5 | 2IS95 | Seminar software engineering and technology | | O |
| 6 | 2IV95 | Seminar visualization | | O |
| 7 | 2IW95 | Seminar design and analysis of systems | | O |
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| 1 | 1ML05 | Preparation master thesis 1: literature study | | O |

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