

List of courses - the professional study programme Computer Engineering

| Semester | Course | No. of hours | ETCS |
|-------------------|--|--------------|------|
| I | ENGLISH LANGUAGE I | 60 | 4 |
| | PHYSICS | 75 | 7 |
| | BASICS OF ELECTRICAL ENGINEERING AND ELECTRONICS | 75 | 7 |
| | COMPUTER APPLICATION | 75 | 5 |
| II | ENGLISH LANGUAGE II | 60 | 4 |
| | ECONOMICS AND ORGANIZATION OF BUSINESS SYSTEMS | 75 | 5 |
| | DIGITAL ELECTRONIC CIRCUITS | 75 | 7 |
| | PROGRAMMING | 75 | 7 |
| III | ALGORITHMS AND DATA STRUCTURES | 75 | 7 |
| | COMPUTER ARCHITECTURE | 75 | 7 |
| | OPERATING SYSTEMS | 60 | 6 |
| | PROBABILITY AND STATISTICS | 60 | 6 |
| IV | DATABASES I | 60 | 5 |
| | PROGRAMMING TOOLS | 60 | 5 |
| | PROGRAMMING AND SOFTWARE ENGINEERING | | |
| | OBJECT ORIENTED PROGRAMMING I | 60 | 6 |
| | COMPUTER SYSTEMS AND NETWORK ENGINEERING | | |
| | List of elective courses | | |
| | WEB DESIGN | 60 | 5 |
| GERMAN LANGUAGE I | 60 | 4 | |
| V | PROGRAMMING AND SOFTWARE ENGINEERING | | |
| | SOFTWARE ENGINEERING AND INFORMATION SYSTEMS | 60 | 5 |
| | XML PROGRAMMING | 60 | 5 |

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| | COMPUTER SYSTEMS AND NETWORK ENGINEERING | | |
| | NETWORK SYSTEM SECURITY | 60 | 5 |
| | COMPUTER NETWORK ADMINISTRATION | 60 | 5 |
| | List of elective courses | | |
| | DATABASES II | 60 | 5 |
| | MULTIMEDIA | 60 | 5 |
| | GERMAN LANGUAGE II | 60 | 4 |
| | OBJECT-ORIENTED PROGRAMMING II | 60 | 5 |
| VI | MANAGEMENT | 60 | 5 |

