

BA Computer Science

Winter Semester 2023/ 24

| Course No. | Sem. | Title | Duration | Type | ECTS Credits | Lecturer(s) | Language(s) of Instruction |
|------------|------|---|----------|------|--------------|---------------------------|----------------------------|
| 511.001 | 1. | Formal Systems | 3 | L | 3 | Sokolova | German English |
| 511.002 | 1. | Formal Systems | 2 | P | 4 | Sokolova (N.N.) | German English |
| 511.034 | 3. | Introduction to Operating Systems | 2 | L | 2 | Kirsch | English German |
| 511.047 | 5. | Systems Engineering | 2 | UV | 4 | Kirsch, Kocher | English German |
| 511.065 | 3. | Systems Engineering | 2 | P | 4 | Naderlinger, Resmerita | English German |
| 511.075 | 3. | Databases II | 1 | P | 2 | Schäler, Widmoser | German English |
| 511.094 | 1. | HCI Practice | 1 | UV | 2 | Smit, Wilding | English |
| 511.107 | 5. | Project Management for Computer Science | 2 | UV | 3 | Resmerita | English German |
| 511.114 | 5. | Software Lab | 2 | P | 5 | Resmerita, Naderlinger | German English |

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|------------|------|--|----------|------|--------------|------------------------------------|----------------------------|
| 511.046 | 4. | Introduction to Compiler Systems | 3 | UV | 6 | Kirsch | English German |
| 511.072 | 2. | Databases I | 2 | L | 2 | Augsten | German English |
| 511.073 | 2. | Databases I | 1 | P | 2 | Resmerita, Schäler, Widmoser | German English |

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| 511.094 | 1. | HCI Practice | 1 | UV | 2 | N.N. | English |
| 511.118 | 6. | Bachelor Project | 2 | P | 12 | Naderlinger, N.N. | German English |
| 511.200 | - | Database Tuning | 2 | L | 2 | Schäler | German English |
| 511.204 | - | Data Management beyond Relations | 3 | VU | 4 | Schäler | German English |
| 511.205 | - | Introducion to Big Data Algorithms | 3 | VU | 4 | N.N. | English |

Master Computer Science

Winter Semester 2023 / 24

| Course No. | Sem. | Title | Duration | Type | ECTS Credits | Lecturer(s) | Language(s) of Instruction |
|------------|------|---|----------|------|--------------|-------------|----------------------------|
| 911.001 | 1. | Advanced Databases | 2 | VO | 2 | Augsten | English German |
| 911.002 | 1. | Advanced Databases | 1 | PS | 2 | Schäler | English |
| 911.030 | 1. | Advanced Mathematics for Computer Science | 3 | VO | 3 | Amstler | English |
| 911.031 | 1. | Advanced Mathematics for Computer Science | 2 | PS | 4 | Amstler | English |
| 911.042 | 2. | Seminar for Computer Science | 2 | SE | 5 | Tscheligi | English German |
| 911.047 | 2. | Seminar for Computer Science: Dynamic Machine Learning Algorithms | 2 | SE | 5 | Forster | English |
| 911.075 | - | Pattern Recognition 2 | 2 | UV | 2,5 | Mayer | German English |
| 911.130 | - | Parallel Algorithms | 2 | VO | 2,5 | Elsässer | English German |
| 911.131 | - | Parallel Algorithms | 1 | PS | 2,5 | Elsässer | English |

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| 911.132 | - | Parallel Programming | 3 | UV | 5 | Resmerita | English German |
| 911.148 | - | Research Seminar Multimedia Technologie | 1 | SE | 2,5 | Kwitt, Uhl | German English |
| 911.349 | 2. | WFM: Advances in Database Research 5 | 2 | SE | 5 | Augsten, Schäler | German English |
| 911.403 | 1. | Advanced Algorithms and Data Structures | 3 | VO | 3 | Held | German English |
| 911.404 | 1. | Advanced Algorithms and Data Structures | 2 | PS | 4 | Held | German English |
| 911.421 | - | Imaging Beyond Consumer Cameras | 2 | L | 2,5 | Kauba | English German |
| 911.422 | - | Imaging Beyond Consumer Cameras | 1 | P | 2,5 | Kauba | English German |
| 911.908 | - | Computer Vision (Advanced Image Processing and Computer Vision) | 2 | L | 2,5 | Kwitt | English |
| 911.909 | - | Computer Vision (Advance Image Processing and Computer Vision) | 1 | P | 2,5 | Kwitt | English |

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|------------|------|-------------------------------------|----------|------|--------------|-------------|----------------------------|
| 911.006 | 1. | Distributed Systems | 2 | L | 2 | Pree | English German |
| 911.007 | 1. | Distributed Systems | 1 | P | 2 | Resmerita | English German |
| 911.016 | 2. | Software Techniques | 2 | L | 2 | Pree | English German |
| 911.017 | 2. | Software Techniques | 1 | P | 2 | Resmerita | English German |

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| 911.024 | 2. | Theoretical Computer Science | 3 | L | 3 | Sokolova | English |
| 911.025 | 2. | Theoretical Computer Science | 2 | P | 4 | Sokolova | English German |
| 911.054 | - | Geometric Modeling | 2 | L | 2,5 | Held | English German |
| 911.055 | - | Geometric Modeling | 1 | P | 2,5 | Held | English German |
| 911.074 | - | Pattern Recognition 1 | 2 | UV | 2,5 | Mayer H. | German English |
| 911.147 | - | Research Seminar Multimedia Technologies | 1 | SE | 2,5 | Kwitt, Uhl | German English |
| 911.415 | 2. | Advanced Systems Engineering | 3 | UV | 4 | Kirsch | English German |
| 911.437 | - | Computer Aided Verification | 2 | L | 2,5 | Sokolova | English German |
| 911.438 | - | Computer Aided Verification | 1 | P | 2,5 | Sokolova | English German |
| 911.906 | - | Audio Processing | 2 | L | 2,5 | Kutil | English |
| 911.907 | - | Audio Processing | 1 | P | 2,5 | Kutil | English |