CREDIT TRANSFER FORM

**Bachelor Curriculum Informatik 2023**

For every course of this curriculum please enter the name of the equivalent course that you attended (if there is one). Specify also the type of the course (VO=lecture, UE=lab, KV=combination of lecture and lab, PR=practical, SE=seminar) as well as its ECTS points. On a separate sheet please summarize the contents for every course of your list.

**Name: Matr. Nr.:**

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| Propädeutikum | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Propädeutikum | KV | 1.5 |  |  |  |  |

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| Theorie | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Diskrete Strukturen | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Logic | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Algebra für Informatik | VO | 3 |  |  |  |  |
| UE | 3 |  |  |  |  |
| Analysis für Informatik | VO | 3 |  |  |  |  |
| UE | 3 |  |  |  |  |
| Berechenbarkeit und Komplexität | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Formal Models | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Statistik | VO | 3 |  |  |  |  |
| UE | 3 |  |  |  |  |

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| Hardware | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Digitale Schaltungen | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Elektronik | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Rechnerarchitektur | VO | 4.5 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Digital Signal Processing | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |

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| Software | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Softwareentwicklung 1 | VO | 3 |  |  |  |  |
| UE | 3 |  |  |  |  |
| Softwareentwicklung 2 | VO | 3 |  |  |  |  |
| UE | 3 |  |  |  |  |
| PR Softwareentwicklung 2 | PR | 3 |  |  |  |  |
| Algorithmen und Datenstrukturen 1 | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Algorithmen und Datenstrukturen 2 | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Systems Programming | VO | 1.5 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Software Engineering | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |

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| Systeme | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Betriebssysteme | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Computernetzwerke | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Multimediasysteme | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Compilerbau | VO | 3 |  |  |  |  |
| UE | 3 |  |  |  |  |
| Embedded and Pervasive Systems | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |

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| Anwendungen | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Datenbanken und Informationssysteme 1 | VO | 3 |  |  |  |  |
| UE | 3 |  |  |  |  |
| Datenbanken und Informationssysteme 2 | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Artificial Intelligence | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |
| Introduction to Machine Learning | VO | 3 |  |  |  |  |

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| Computer Graphics | VO | 3 |  |  |  |  |
| UE | 1.5 |  |  |  |  |

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| Begleitende Inhalte | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Ethik und Gender Studies | KV | 3 |  |  |  |  |
| Präsentations- und Arbeitstechnik | KV | 3 |  |  |  |  |
| Wirtschaftsgrundlagen der Informatik | VO | 3 |  |  |  |  |
| Rechtsgrundlagen der Informatik | VO | 3 |  |  |  |  |
| Projektorganisation | KV | 3 |  |  |  |  |

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| Vertiefung (13.5 ECTS, inkl.Seminar) | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
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| Freie Lehrveranstaltungen (9 ECTS) | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
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| Bachelorarbeit | **type** | **ECTS** | **equivalent course** | **type** | **ECTS** | **mark** |
| Projektpraktikum | PR | 5 |  |  |  |  |