

Studienplan Bachelor Technomathematik (TMBS)

| Empf. Sem. | Modulname (deutsch) | Modulname (englisch) | Institut | P/WP (1) | GM/OM (2) | Note | Prüfungsform (3) | LP (4) | Name der Lehrveranstaltung(LV) deutsch | Name der Lehrveranstaltung(LV) englisch | Form LV(5) | Sprache (6) | SWS (7) | Sem. LV |
|---|--|---|----------|----------|-----------|------|------------------|--------|--|--|------------|-------------|---------|---------|
| Kernqualifikation Pflichtbereich: 105 LP Wahlpflichtbereich: 12 LP | | | | | | | | | | | | | | |
| 1 | Prozedurale Programmierung | Procedural Programming | E-19 | P | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Prozedurale Programmierung | Procedural Programming | VL | DE | 1 | 1 |
| | | | | | | | | | Prozedurale Programmierung | Procedural Programming | UE | DE | 1 | 1 |
| | | | | | | | | | Prozedurale Programmierung | Procedural Programming | PR | DE | 2 | 1 |
| 1-2 | Analysis für Technomathematiker | Analysis for Technomathematicians | E-10 | P | GM | Ja | MdIP | 16 | | | | | | |
| | | | | | | | | | Analysis I für Technomathematiker | Analysis I for Technomathematicians | VL | DE | 4 | 1 |
| | | | | | | | | | Analysis I für Technomathematiker | Analysis I for Technomathematicians | UE | DE | 2 | 1 |
| | | | | | | | | | Analysis II für Technomathematiker | Analysis II for Technomathematicians | VL | DE | 4 | 2 |
| | | | | | | | | | Analysis II für Technomathematiker | Analysis II for Technomathematicians | UE | DE | 2 | 2 |
| 1-2 | Elektrotechnik für Technomathematiker | Electrical Engineering for Technomathematicians | E-18 | P | GM | Ja | KI | 8 | | | | | | |
| | | | | | | | | | Elektrotechnik I für Technomathematiker | Electrical Engineering I for Technomathematicians | VL | DE/EN | 2 | 1 |
| | | | | | | | | | Elektrotechnik I für Technomathematiker | Electrical Engineering I for Technomathematicians | UE | DE/EN | 1 | 1 |
| | | | | | | | | | Elektrotechnik II für Technomathematiker | Electrical Engineering II for Technomathematicians | VL | DE/EN | 2 | 2 |
| | | | | | | | | | Elektrotechnik II für Technomathematiker | Electrical Engineering II for Technomathematicians | UE | DE/EN | 1 | 2 |
| 1-2 | Lineare Algebra für Technomathematiker | Linear Algebra for Technomathematicians | E-10 | P | GM | Ja | KI | 16 | | | | | | |
| | | | | | | | | | Lineare Algebra 1 für Technomathematiker | Linear Algebra 1 for Technomathematicians | VL | DE | 4 | 1 |
| | | | | | | | | | Lineare Algebra 1 für Technomathematiker | Linear Algebra 1 for Technomathematicians | UE | DE | 2 | 1 |
| | | | | | | | | | Lineare Algebra 2 für Technomathematiker | Linear Algebra 2 for Technomathematicians | VL | DE | 4 | 2 |
| | | | | | | | | | Lineare Algebra 2 für Technomathematiker | Linear Algebra 2 for Technomathematicians | UE | DE | 2 | 2 |
| 1-2 | Mechanik für Technomathematiker | Mechanics for Technomathematicians | M-13 | P | GM | Ja | KI | 8 | | | | | | |

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|------------|---|--|----------|----------|-----------|------|------------------|--------|---|--|------------|-------------|---------|---------|
| | | | | | | | | | Mechanik I für Technomathematiker | Mechanics I for Technomathematicians | VL | DE | 2 | 1 |
| | | | | | | | | | Mechanik I für Technomathematiker | Mechanics I for Technomathematicians | UE | DE | 2 | 1 |
| | | | | | | | | | Mechanik II für Technomathematiker | Mechanics II for Technomathematicians | VL | DE | 2 | 2 |
| | | | | | | | | | Mechanik II für Technomathematiker | Mechanics II for Technomathematicians | UE | DE | 2 | 2 |
| 2 | Objektorientierte Programmierung, Algorithmen und Datenstrukturen | Objectoriented Programming, Algorithms and Data Structures | E-2 | P | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Objektorientierte Programmierung, Algorithmen und Datenstrukturen | Objectoriented Programming, Algorithms and Data Structures | VL | DE | 4 | 2 |
| | | | | | | | | | Objektorientierte Programmierung, Algorithmen und Datenstrukturen | Objectoriented Programming, Algorithms and Data Structures | UE | DE | 1 | 2 |
| 3 | Höhere Analysis | Higher Analysis | 0-UNIHH | P | GM | Ja | KI | 9 | | | | | | |
| | | | | | | | | | Höhere Analysis | Higher Analysis | VL | DE/EN | 4 | 3 |
| | | | | | | | | | Höhere Analysis | Higher Analysis | UE | DE/EN | 2 | 3 |
| 3 | Mathematische Stochastik | Mathematical Stochastics | 0-UNIHH | P | GM | Ja | KI | 9 | | | | | | |
| | | | | | | | | | Mathematische Stochastik | Mathematical Stochastics | VL | DE/EN | 4 | 3 |
| | | | | | | | | | Mathematische Stochastik | Mathematical Stochastics | UE | DE/EN | 2 | 3 |
| 3 | Numerische Mathematik | Numerical Mathematics | 0-UNIHH | P | GM | Ja | KI | 9 | | | | | | |
| | | | | | | | | | Numerische Mathematik | Numerical Mathematics | VL | DE/EN | 4 | 3 |
| | | | | | | | | | Numerische Mathematik | Numerical Mathematics | UE | DE/EN | 2 | 3 |
| 3 | Proseminar Technomathematik | Proseminar Technomathematics | E-10 | P | GM | Nein | Re | 2 | | | | | | |
| | | | | | | | | | Proseminar Mathematik | Proseminar Mathematics | SE | DE | 2 | 3 |
| 4 | Grundlagen der Betriebswirtschaftslehre | Foundations of Management | W-11 | P | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Grundlagen der Betriebswirtschaftslehre | Introduction to Management | VL | DE | 4 | 4 |
| | | | | | | | | | Projekt Entrepreneurship | Project Entrepreneurship | POL | DE | 2 | 4 |
| 5 | Seminar Technomathematik | Seminar Technomathematics | E-10 | P | GM | Nein | Re | 4 | | | | | | |
| | | | | | | | | | Seminar: Technomathematik | Seminar: Technomathematics | SE | DE | 2 | 5 |
| 5 | Bioverfahrenstechnik - Vertiefung | Bioprocess Engineering - Advanced | V-1 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Bioverfahrenstechnik - Vertiefung | Bioprocess Engineering - Advanced | VL | DE | 2 | 5 |
| | | | | | | | | | Bioverfahrenstechnik - Vertiefung | Bioprocess Engineering - Advanced | UE | DE | 2 | 5 |
| 5 | Datenbanken | Databases | E-16 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Datenbanken | Databases | VL | EN | 4 | 5 |
| | | | | | | | | | Datenbanken | Databases | POL | EN | 1 | 5 |

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|------------|---|--|----------|----------|-----------|------|------------------|--------|---|---|------------|-------------|---------|---------|
| 5 | Einführung in die Nachrichtentechnik und ihre stochastischen Methoden | Introduction to Communications and Random Processes | E-8 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Einführung in die Nachrichtentechnik und ihre stochastischen Methoden | Introduction to Communications and Random Processes | VL | DE/EN | 3 | 5 |
| | | | | | | | | | Einführung in die Nachrichtentechnik und ihre stochastischen Methoden | Introduction to Communications and Random Processes | HÜ | DE/EN | 1 | 5 |
| 5 | Finite-Elemente-Methoden | Finite Elements Methods | M-16 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Finite-Elemente-Methoden | Finite Element Methods | VL | EN | 2 | 5 |
| | | | | | | | | | Finite-Elemente-Methoden | Finite Element Methods | HÜ | EN | 2 | 5 |
| 5 | Geometrie | Geometry | 0-UNIHH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Geometrie | Geometry | VL | DE/EN | 4 | 5 |
| | | | | | | | | | Geometrie | Geometry | UE | DE/EN | 2 | 5 |
| 5 | Graphentheorie | Graph Theory | 0-UNIHH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Graphentheorie | Graph Theory | VL | DE/EN | 4 | 5 |
| | | | | | | | | | Graphentheorie | Graph Theory | UE | DE/EN | 2 | 5 |
| 5 | Lebensversicherungsmathematik | Mathematics of Life Insurance | 0-UNIHH | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Lebensversicherungsmathematik | Mathematics of Life Insurance | VL | DE/EN | 3 | 5 |
| | | | | | | | | | Lebensversicherungsmathematik | Mathematics of Life Insurance | UE | DE/EN | 1 | 5 |
| 5 | MED II: Einführung in die Biochemie und Molekularbiologie | MED II: Introduction to Biochemistry and Molecular Biology | M-3 | WP | GM | Ja | KI | 3 | | | | | | |
| | | | | | | | | | Einführung in die Biochemie und Molekularbiologie | Introduction to Biochemistry and Molecular Biology | VL | DE | 2 | 5 |
| 5 | Mathematische Systemtheorie | Mathematical Systems Theory | 0-UNIHH | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Mathematische Systemtheorie | Mathematical Systems Theory | VL | EN | 2 | 5 |
| | | | | | | | | | Mathematische Systemtheorie | Mathematical Systems Theory | UE | EN | 1 | 5 |
| | | | | | | | | | Mathematische Systemtheorie | Mathematical Systems Theory | SE | EN | 1 | 5 |
| 5 | Messtechnik und Messdatenverarbeitung | Measurements: Methods and Data Processing | E-1 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Elektrotechnisches Versuchspraktikum | EE Experimental Lab | PR | DE | 2 | 5 |
| | | | | | | | | | Messtechnik und Messdatenverarbeitung | Measurements: Methods and Data Processing | VL | DE | 2 | 5 |
| | | | | | | | | | Messtechnik und Messdatenverarbeitung | Measurements: Methods and Data Processing | UE | DE | 1 | 5 |
| 5 | Numerik partieller Differentialgleichungen | Numerics of Partial Differential Equations | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Numerik partieller Differentialgleichungen | Numerics of Partial Differential Equations | VL | DE | 2 | 5 |
| | | | | | | | | | Numerik partieller Differentialgleichungen | Numerics of Partial Differential Equations | UE | DE | 2 | 5 |

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|------------|---|--|----------|----------|-----------|------|------------------|--------|--|--|------------|-------------|---------|---------|
| 5 | Numerik und Computer Algebra | Numerics and Computer Algebra | E-19 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Numerik und Computer Algebra | Numerical Mathematics and Computer Algebra | VL | DE | 2 | 5 |
| | | | | | | | | | Numerik und Computer Algebra | Numerical Mathematics and Computer Algebra | UE | DE | 1 | 5 |
| | | | | | | | | | Numerik und Computer Algebra | Numerics and Computer Algebra | SE | DE | 2 | 5 |
| 5 | Technische Schwingungslehre (GES) | Vibration Theory (GES) | M-13 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Technische Schwingungslehre (GES) | Vibration Theory (GES) | VL | EN | 2 | 5 |
| | | | | | | | | | Technische Schwingungslehre (GES) | Vibration Theory (GES) | HÜ | EN | 1 | 5 |
| 5 | Technische Thermodynamik II | Technical Thermodynamics II | M-21 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Technische Thermodynamik II | Technical Thermodynamics II | VL | DE | 2 | 5 |
| | | | | | | | | | Technische Thermodynamik II | Technical Thermodynamics II | UE | DE | 1 | 5 |
| | | | | | | | | | Technische Thermodynamik II | Technical Thermodynamics II | HÜ | DE | 1 | 5 |
| 5 | Technischer Ergänzungskurs I Technomathematik (laut FSPO) | Technical Complementary Course I for Technomathematics (according to Subject Specific Regulations) | E-10 | WP | GM | Ja | lt. FSPO | 6 | | | | | | |
| 5 | Theoretische Elektrotechnik II: Zeitabhängige Felder | Theoretical Electrical Engineering II: Time-Dependent Fields | E-18 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Theoretische Elektrotechnik II: Zeitabhängige Felder | Theoretical Electrical Engineering II: Time-Dependent Fields | VL | DE | 3 | 5 |
| | | | | | | | | | Theoretische Elektrotechnik II: Zeitabhängige Felder | Theoretical Electrical Engineering II: Time-Dependent Fields | UE | DE | 2 | 5 |
| 5 | Wärme- und Stoffübertragung | Heat and Mass Transfer | V-8 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Wärme- und Stoffübertragung | Heat and Mass Transfer | VL | DE | 2 | 5 |
| | | | | | | | | | Wärme- und Stoffübertragung | Heat and Mass Transfer | UE | DE | 1 | 5 |
| 6 | Algebraische Methoden in der Regelungstechnik | Algebra and Control | E-19 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Algebraische Methoden in der Regelungstechnik | Algebra and Control | VL | DE/EN | 2 | 6 |
| | | | | | | | | | Algebraische Methoden in der Regelungstechnik | Algebra and Control | UE | DE/EN | 2 | 6 |
| 6 | Anwendungssicherheit | Application Security | E-15 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Anwendungssicherheit | Application Security | VL | EN | 3 | 6 |
| | | | | | | | | | Anwendungssicherheit | Application Security | UE | EN | 2 | 6 |
| 6 | Berechenbarkeit und Komplexität | Computability and Complexity Theory | E-13 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Berechenbarkeit und Komplexität | Computability and Complexity Theory | VL | DE/EN | 2 | 6 |
| | | | | | | | | | Berechenbarkeit und Komplexität | Computability and Complexity Theory | UE | DE/EN | 2 | 6 |
| 6 | Boundary-Elemente-Methoden | Boundary Element Methods | M-16 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Boundary-Elemente-Methoden | Boundary Element Methods | VL | EN | 2 | 6 |

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|------------|---|---|----------|----------|-----------|------|------------------|--------|---|---|------------|-------------|---------|---------|
| | | | | | | | | | Boundary-Elemente-Methoden | Boundary Element Methods | HÜ | EN | 2 | 6 |
| 6 | Elektrotechnik IV: Leitungen und Forschungsseminar | Electrical Engineering IV: Transmission Lines and Research Seminar | E-3 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Forschungsseminar Elektrotechnik, Informatik, Mathematik | Research Seminar Electrical Engineering, Computer Science, Mathematics | SE | DE/EN | 2 | 6 |
| | | | | | | | | | Leitungstheorie | Transmission Line Theory | VL | DE | 2 | 6 |
| | | | | | | | | | Leitungstheorie | Transmission Line Theory | HÜ | DE | 2 | 6 |
| 6 | Elektrotechnisches Projektpraktikum | Electrical Engineering Project Laboratory | E-6 | WP | GM | Nein | PA | 6 | | | | | | |
| | | | | | | | | | Elektrotechnisches Projektpraktikum | Electrical Engineering Project Laboratory | PR | DE | 5 | 6 |
| 6 | Elementare Zahlentheorie | Introductory Number Theory | 0-UNIHH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Elementare Zahlentheorie | Number Theory | VL | DE/EN | 4 | 6 |
| | | | | | | | | | Elementare Zahlentheorie | Number Theory | UE | DE/EN | 2 | 6 |
| 6 | Grundbegriffe der Mathematischen Logik | Foundations of Mathematical Logic | 0-UNIHH | WP | GM | Ja | MdIP | 5 | | | | | | |
| | | | | | | | | | Grundbegriffe der Mathematischen Logik | Foundations of Mathematical Logic | VL | DE/EN | 2 | 6 |
| | | | | | | | | | Grundbegriffe der Mathematischen Logik | Foundations of Mathematical Logic | UE | DE/EN | 1 | 6 |
| 6 | Grundlagen der Konstruktionslehre | Fundamentals of Mechanical Engineering Design | M-17 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Grundlagen der Konstruktionslehre | Fundamentals of Mechanical Engineering Design | VL | DE | 2 | 6 |
| | | | | | | | | | Grundlagen der Konstruktionslehre | Fundamentals of Mechanical Engineering Design | HÜ | DE | 2 | 6 |
| 6 | Halbleiterschaltungstechnik | Semiconductor Circuit Design | E-9 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Halbleiterschaltungstechnik | Semiconductor Circuit Design | VL | DE | 3 | 6 |
| | | | | | | | | | Halbleiterschaltungstechnik | Semiconductor Circuit Design | UE | DE | 1 | 6 |
| 6 | MED II: Einführung in die Physiology | MED II: Introduction to Physiology | M-3 | WP | GM | Ja | KI | 3 | | | | | | |
| | | | | | | | | | Einführung in die Physiology | Introduction to Physiology | VL | DE | 2 | 6 |
| 6 | Mechanik IV (Kinetik II, Schwingungen, Analytische Mechanik, Mehrkörpersysteme) | Mechanics IV (Kinetics II, Oscillations, Analytical Mechanics, Multibody Systems) | M-13 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Mechanik IV (Kinetik II, Schwingungen, Analytische Mechanik, Mehrkörpersysteme) | Mechanics IV (Kinetics II, Oscillations, Analytical Mechanics, Multibody Systems) | VL | DE | 3 | 6 |

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|------------|---|---|----------|----------|-----------|------|------------------|--------|---|---|------------|-------------|---------|---------|
| | | | | | | | | | Mechanik IV (Kinetik II, Schwingungen, Analytische Mechanik, Mehrkörpersysteme) | Mechanics IV (Kinetics II, Oscillations, Analytical Mechanics, Multibody Systems) | UE | DE | 2 | 6 |
| | | | | | | | | | Mechanik IV (Kinetik II, Schwingungen, Analytische Mechanik, Mehrkörpersysteme) | Mechanics IV (Kinetics II, Oscillations, Analytical Mechanics, Multibody Systems) | HÜ | DE | 1 | 6 |
| 6 | Naive Mengenlehre | Set Theory | 0-UNIHH | WP | GM | Ja | MdIP | 5 | | | | | | |
| | | | | | | | | | Naive Mengenlehre | Set Theory | VL | DE/EN | 2 | 6 |
| | | | | | | | | | Naive Mengenlehre | Set Theory | UE | DE/EN | 1 | 6 |
| 6 | Numerische Algorithmen in der Strukturmechanik | Numerical Algorithms in Structural Mechanics | M-10 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Numerische Algorithmen in der Strukturmechanik | Numerical Algorithms in Structural Mechanics | VL | DE | 2 | 6 |
| | | | | | | | | | Numerische Algorithmen in der Strukturmechanik | Numerical Algorithms in Structural Mechanics | UE | DE | 2 | 6 |
| 6 | Praktische Statistik | Practical Statistics | 0-UNIHH | WP | GM | Ja | MdIP | 5 | | | | | | |
| | | | | | | | | | Praktische Statistik | Practical Statistics | VL | DE/EN | 2 | 6 |
| | | | | | | | | | Praktische Statistik | Practical Statistics | UE | DE/EN | 1 | 6 |
| 6 | Technische Akustik I (Akustische Wellen, Lärmschutz, Psychoakustik) | Technical Acoustics I (Acoustic Waves, Noise Protection, Psycho Acoustics) | M-16 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Technische Akustik I (Akustische Wellen, Lärmschutz, Psychoakustik) | Technical Acoustics I (Acoustic Waves, Noise Protection, Psycho Acoustics) | VL | EN | 2 | 6 |
| | | | | | | | | | Technische Akustik I (Akustische Wellen, Lärmschutz, Psychoakustik) | Technical Acoustics I (Acoustic Waves, Noise Protection, Psycho Acoustics) | HÜ | EN | 2 | 6 |
| 6 | Technischer Ergänzungskurs II Technomathematik (laut FSPO) | Technical Complementary Course II for Technomathematics (according to Subject Specific Regulations) | E-10 | WP | GM | Ja | lt. FSPO | 6 | | | | | | |
| 6 | Topologie | Topology | 0-UNIHH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Topologie | Topology | VL | DE/EN | 4 | 6 |
| | | | | | | | | | Topologie | Topology | UE | DE/EN | 2 | 6 |
| 6 | Vertiefende Grundlagen der Werkstoffwissenschaften | Enhanced Fundamentals of Materials Science | M-9 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Grundlagen der Metallischen Werkstoffe | Fundamentals of Metallic Materials | VL | DE | 2 | 6 |
| | | | | | | | | | Grundlagen der keramischen Werkstoffe und Kunststoffe | Fundamentals of Ceramic and Polymer Materials | VL | DE/EN | 2 | 6 |

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| | | | | | | | | | Grundlagen der keramischen Werkstoffe und Kunststoffe | Fundamentals of Ceramic and Polymer Materials | HÜ | DE/EN | 1 | 6 |
| 1-6 | Nichttechnische Ergänzungskurse im Bachelor | Nontechnical Complementary Courses for Bachelors | 0-TUHH | P | OM | | | 6 | Auswahl aus Katalog | | | | | |
| Vertiefung I. Mathematik Pflichtbereich: 0 LP Wahlpflichtbereich: 27 LP | | | | | | | | | | | | | | |
| 4 | Algebra | Algebra | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Algebra | Algebra | VL | DE/EN | 4 | 4 |
| | | | | | | | | | Algebra | Algebra | UE | DE/EN | 2 | 4 |
| 4 | Approximation und Stabilität | Approximation and Stability | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Approximation und Stabilität | Approximation and Stability | VL | DE/EN | 2 | 4 |
| | | | | | | | | | Approximation und Stabilität | Approximation and Stability | UE | DE/EN | 1 | 4 |
| | | | | | | | | | Approximation und Stabilität | Approximation and Stability | SE | DE/EN | 1 | 4 |
| 4 | Differentialgeometrie | Differential Geometry | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Differentialgeometrie | Differential Geometry | VL | DE/EN | 4 | 4 |
| | | | | | | | | | Differentialgeometrie | Differential Geometry | UE | DE/EN | 2 | 4 |
| 4 | Diskrete Mathematik | Discrete Mathematics | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Diskrete Mathematik | Discrete Mathematics | VL | DE/EN | 4 | 4 |
| | | | | | | | | | Diskrete Mathematik | Discrete Mathematics | UE | DE/EN | 2 | 4 |
| 4 | Funktionalanalysis | Functional Analysis | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Funktionalanalysis | Functional Analysis | VL | DE/EN | 4 | 4 |
| | | | | | | | | | Funktionalanalysis | Functional Analysis | UE | DE/EN | 2 | 4 |
| 4 | Gewöhnliche Differentialgleichungen und Dynamische Systeme | Ordinary Differential Equations and Dynamical Systems | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Gewöhnliche Differentialgleichungen und Dynamische Systeme | Ordinary Differential Equations and Dynamical Systems | VL | DE/EN | 4 | 4 |
| | | | | | | | | | Gewöhnliche Differentialgleichungen und Dynamische Systeme | Ordinary Differential Equations and Dynamical Systems | UE | DE/EN | 2 | 4 |
| 4 | Graphentheorie und Optimierung | Graph Theory and Optimization | E-10 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Graphentheorie und Optimierung | Graph Theory and Optimization | VL | DE | 2 | 4 |
| | | | | | | | | | Graphentheorie und Optimierung | Graph Theory and Optimization | UE | DE | 2 | 4 |
| 4 | Löser für schwachbesetzte lineare Gleichungssysteme | Solvers for Sparse Linear Systems | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Löser für schwachbesetzte lineare Gleichungssysteme | Solvers for Sparse Linear Systems | VL | DE/EN | 2 | 4 |
| | | | | | | | | | Löser für schwachbesetzte lineare Gleichungssysteme | Solvers for Sparse Linear Systems | UE | DE/EN | 2 | 4 |
| 4 | Mathematische Statistik | Mathematical Statistics | 0-UNIH | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Mathematische Statistik | Mathematical Statistics | VL | DE/EN | 3 | 4 |

| Empf. Sem. | Modulname (deutsch) | Modulname (englisch) | Institut | P/WP (1) | GM/OM (2) | Note | Prüfungsform (3) | LP (4) | Name der Lehrveranstaltung(LV) deutsch | Name der Lehrveranstaltung(LV) englisch | Form LV(5) | Sprache (6) | SWS (7) | Sem. LV |
|------------|--|--|----------|----------|-----------|------|------------------|--------|--|--|------------|-------------|---------|---------|
| | | | | | | | | | Mathematische Statistik | Mathematical Statistics | UE | DE/EN | 1 | 4 |
| 4 | Maßtheoretische Konzepte der Stochastik | Measure Theory and Stochastics | 0-UNIH | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Maßtheoretische Konzepte der Stochastik | Measure Theory and Stochastics | VL | DE/EN | 3 | 4 |
| | | | | | | | | | Maßtheoretische Konzepte der Stochastik | Measure Theory and Stochastics | UE | DE/EN | 1 | 4 |
| 4 | Numerik gewöhnlicher Differentialgleichungen | Numerical Treatment of Ordinary Differential Equations | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Numerik gewöhnlicher Differentialgleichungen | Numerical Treatment of Ordinary Partial Differential Equations | VL | DE/EN | 2 | 4 |
| | | | | | | | | | Numerik gewöhnlicher Differentialgleichungen | Numerical Treatment of Ordinary Partial Differential Equations | UE | DE/EN | 2 | 4 |
| 4 | Optimierung | Optimization | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Optimierung | Optimization | VL | DE/EN | 4 | 4 |
| | | | | | | | | | Optimierung | Optimization | UE | DE/EN | 2 | 4 |
| 5 | Approximation | Approximation | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Approximation | Approximation | VL | DE/EN | 4 | 5 |
| | | | | | | | | | Approximation | Approximation | UE | DE/EN | 2 | 5 |
| 5 | Diskrete Algebraische Strukturen | Discrete Algebraic Structures | E-13 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Diskrete Algebraische Strukturen | Discrete Algebraic Structures | VL | DE | 2 | 5 |
| | | | | | | | | | Diskrete Algebraische Strukturen | Discrete Algebraic Structures | UE | DE | 2 | 5 |
| 5 | Einführung in die Mathematische Modellierung | Introduction to Mathematical Modeling | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Einführung in die Mathematische Modellierung | Introduction in Mathematical Modeling | VL | DE/EN | 4 | 5 |
| | | | | | | | | | Einführung in die Mathematische Modellierung | Introduction in Mathematical Modeling | UE | DE/EN | 2 | 5 |
| 5 | Funktionentheorie | Complex Analysis | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Funktionentheorie | Complex Analysis | VL | DE/EN | 4 | 5 |
| | | | | | | | | | Funktionentheorie | Complex Analysis | UE | DE/EN | 2 | 5 |
| 5 | Hierarchische Algorithmen | Hierarchical Algorithms | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Hierarchische Algorithmen | Hierarchical Algorithms | VL | DE/EN | 2 | 5 |
| | | | | | | | | | Hierarchische Algorithmen | Hierarchical Algorithms | UE | DE/EN | 2 | 5 |
| 5 | Kombinatorische Optimierung | Combinatorial Optimization | 0-UNIH | WP | GM | Ja | MdIP | 9 | | | | | | |
| | | | | | | | | | Kombinatorische Optimierung | Combinatorial Optimization | VL | DE/EN | 4 | 5 |
| | | | | | | | | | Kombinatorische Optimierung | Combinatorial Optimization | UE | DE/EN | 2 | 5 |
| 5 | Kombinatorische Strukturen und Algorithmen | Combinatorial Structures and Algorithms | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |

| Empf. Sem. | Modulname (deutsch) | Modulname (englisch) | Institut | P/WP (1) | GM/OM (2) | Note | Prüfungsform (3) | LP (4) | Name der Lehrveranstaltung(LV) deutsch | Name der Lehrveranstaltung(LV) englisch | Form LV(5) | Sprache (6) | SWS (7) | Sem. LV |
|---|--|--|----------|----------|-----------|------|------------------|--------|--|---|------------|-------------|---------|---------|
| | | | | | | | | | Kombinatorische Strukturen und Algorithmen | Combinatorial Structures and Algorithms | VL | DE/EN | 3 | 5 |
| | | | | | | | | | Kombinatorische Strukturen und Algorithmen | Combinatorial Structures and Algorithms | UE | DE/EN | 1 | 5 |
| 5 | Mathematische Bildverarbeitung | Mathematical Image Processing | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Mathematische Bildverarbeitung | Mathematical Image Processing | VL | DE/EN | 3 | 5 |
| | | | | | | | | | Mathematische Bildverarbeitung | Mathematical Image Processing | UE | DE/EN | 1 | 5 |
| 5 | Matrixalgorithmen | Matrix Algorithms | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Matrixalgorithmen | Matrix Algorithms | VL | DE | 2 | 5 |
| | | | | | | | | | Matrixalgorithmen | Matrix Algorithms | UE | DE | 2 | 5 |
| 5 | Stochastische Prozesse | Stochastic Processes | 0-UNIHH | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Stochastische Prozesse | Stochastic Processes | VL | DE/EN | 3 | 5 |
| | | | | | | | | | Stochastische Prozesse | Stochastic Processes | UE | DE/EN | 1 | 5 |
| 6 | Numerische Mathematik II | Numerical Mathematics II | E-10 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Numerische Mathematik II | Numerical Mathematics II | VL | DE/EN | 2 | 6 |
| | | | | | | | | | Numerische Mathematik II | Numerical Mathematics II | UE | DE/EN | 2 | 6 |
| Vertiefung II. Informatik Pflichtbereich: 0 LP Wahlpflichtbereich: 12 LP | | | | | | | | | | | | | | |
| 4 | Logik, Automaten und Formale Sprachen | Logic, Automata and Formal Languages | E-5 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Logik, Automatentheorie und Formale Sprachen | Logic, Automata Theory and Formal Languages | VL | EN | 2 | 4 |
| | | | | | | | | | Logik, Automatentheorie und Formale Sprachen | Logic, Automata Theory and Formal Languages | UE | EN | 2 | 4 |
| 4 | Software-Engineering | Software Engineering | E-16 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Software-Engineering | Software Engineering | VL | EN | 2 | 4 |
| | | | | | | | | | Software-Engineering | Software Engineering | UE | EN | 2 | 4 |
| 5 | Einführung in die Informationssicherheit | Introduction to Information Security | E-15 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Einführung in die Informationssicherheit | Introduction to Information Security | VL | EN | 3 | 5 |
| | | | | | | | | | Einführung in die Informationssicherheit | Introduction to Information Security | UE | EN | 2 | 5 |
| 5 | Funktionales Programmieren | Functional Programming | E-16 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Funktionales Programmieren | Functional Programming | VL | EN | 2 | 5 |
| | | | | | | | | | Funktionales Programmieren | Functional Programming | UE | EN | 2 | 5 |
| | | | | | | | | | Funktionales Programmieren | Functional Programming | HÜ | EN | 2 | 5 |
| 5 | Rechnernetze und Internet-Sicherheit | Computernetworks and Internet Security | E-4 | WP | GM | Ja | KI | 6 | | | | | | |

| Empf. Sem. | Modulname (deutsch) | Modulname (englisch) | Institut | P/WP (1) | GM/OM (2) | Note | Prüfungsform (3) | LP (4) | Name der Lehrveranstaltung(LV) deutsch | Name der Lehrveranstaltung(LV) englisch | Form LV(5) | Sprache (6) | SWS (7) | Sem. LV |
|---|--|--|----------|----------|-----------|------|------------------|--------|--|---|------------|-------------|---------|---------|
| | | | | | | | | | Rechnernetze und Internet-Sicherheit | Computer Networks and Internet Security | VL | EN | 3 | 5 |
| | | | | | | | | | Rechnernetze und Internet-Sicherheit | Computer Networks and Internet Security | UE | EN | 1 | 5 |
| 5 | Technische Informatik | Computer Engineering | E-13 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Technische Informatik | Computer Engineering | VL | DE | 3 | 5 |
| | | | | | | | | | Technische Informatik | Computer Engineering | UE | DE | 1 | 5 |
| 5 | Verteilte Systeme | Distributed Systems | E-17 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Verteilte Systeme | Distributed Systems | VL | DE | 2 | 5 |
| | | | | | | | | | Verteilte Systeme | Distributed Systems | UE | DE | 2 | 5 |
| 5 | Wissenschaftliches Rechnen und Genauigkeit | Scientific Computing and Accuracy | E-19 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Einschließungsmethoden | Verification Methods | VL | DE | 2 | 5 |
| | | | | | | | | | Einschließungsmethoden | Verification Methods | UE | DE | 2 | 5 |
| 6 | Betriebssysteme | Operating Systems | E-17 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Betriebssysteme | Operating Systems | VL | DE | 2 | 6 |
| | | | | | | | | | Betriebssysteme | Operating Systems | UE | DE | 2 | 6 |
| 6 | Compilerbau | Compiler Construction | E-16 | WP | GM | Ja | PA | 6 | | | | | | |
| | | | | | | | | | Compilerbau | Compiler Construction | VL | EN | 2 | 6 |
| | | | | | | | | | Compilerbau | Compiler Construction | UE | EN | 2 | 6 |
| 6 | Kryptographie | Cryptography | M-EXK1 | WP | GM | Ja | MdIP | 6 | | | | | | |
| | | | | | | | | | Kryptographie | Cryptography | VL | DE/EN | 2 | 6 |
| | | | | | | | | | Kryptographie | Cryptography | UE | DE/EN | 2 | 6 |
| Vertiefung III. Ingenieurwissenschaften Pflichtbereich: 0 LP Wahlpflichtbereich: 12 LP | | | | | | | | | | | | | | |
| 4 | Biochemie und Mikrobiologie | Biochemistry and Microbiology | V-6 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Biochemie | Biochemistry | VL | DE | 2 | 4 |
| | | | | | | | | | Biochemie | Biochemistry | POL | DE | 1 | 4 |
| | | | | | | | | | Mikrobiologie | Microbiology | VL | DE | 2 | 4 |
| | | | | | | | | | Mikrobiologie | Microbiology | POL | DE | 1 | 4 |
| 4 | Bioverfahrenstechnik - Grundlagen | Bioprocess Engineering - Fundamentals | V-6 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Bioverfahrenstechnik - Grundlagen | Bioprocess Engineering - Fundamentals | VL | DE | 2 | 4 |
| | | | | | | | | | Bioverfahrenstechnik - Grundlagen | Bioprocess Engineering- Fundamentals | HÜ | DE | 2 | 4 |
| | | | | | | | | | Bioverfahrenstechnik - Grundpraktikum | Bioprocess Engineering - Fundamental Practical Course | PR | DE | 2 | 4 |
| 4 | Einführung in Medizintechnische Systeme | Introduction into Medical Technology and Systems | E-1 | WP | GM | Ja | KI | 6 | | | | | | |

| Empf. Sem. | Modulname (deutsch) | Modulname (englisch) | Institut | P/WP (1) | GM/OM (2) | Note | Prüfungsform (3) | LP (4) | Name der Lehrveranstaltung(LV) deutsch | Name der Lehrveranstaltung(LV) englisch | Form LV(5) | Sprache (6) | SWS (7) | Sem. LV |
|------------|---|---|----------|----------|-----------|------|------------------|--------|--|---|------------|-------------|---------|---------|
| | | | | | | | | | Einführung in Medizintechnische Systeme | Introduction into Medical Technology and Systems | VL | DE | 2 | 4 |
| | | | | | | | | | Einführung in Medizintechnische Systeme | Introduction into Medical Technology and Systems | POL | DE | 4 | 4 |
| 4 | Grundlagen der Strömungsmechanik | Fundamentals of Fluid Mechanics | V-5 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Grundlagen der Strömungsmechanik | Fundamentals of Fluid Mechanics | VL | DE | 2 | 4 |
| | | | | | | | | | Hörsaalübung Strömungsmechanik für die Verfahrenstechnik | Exercises in Fluid Mechanics for Process Engineering | HÜ | DE | 1 | 4 |
| 4 | MED I: Medizinische Grundlagen I | MED I: Medical Basics I | M-3 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Einführung in die Anatomie | Introduction to Anatomy | VL | DE | 2 | 4 |
| | | | | | | | | | Einführung in die Radiologie und Strahlentherapie | Introduction to Radiology and Radiation Therapy | VL | DE | 2 | 4 |
| 4 | Signale und Systeme | Signals and Systems | E-8 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Signale und Systeme | Signals and Systems | VL | DE/EN | 3 | 4 |
| | | | | | | | | | Signale und Systeme | Signals and Systems | HÜ | DE/EN | 1 | 4 |
| 4 | Strömungsmechanik | Fluid Dynamics | M-21 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Strömungsmechanik | Fluid Mechanics | VL | DE | 3 | 4 |
| | | | | | | | | | Strömungsmechanik | Fluid Mechanics | HÜ | DE | 1 | 4 |
| 4 | Technische Thermodynamik I | Technical Thermodynamics I | M-21 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Technische Thermodynamik I | Technical Thermodynamics I | VL | DE | 2 | 4 |
| | | | | | | | | | Technische Thermodynamik I | Technical Thermodynamics I | UE | DE | 1 | 4 |
| | | | | | | | | | Technische Thermodynamik I | Technical Thermodynamics I | HÜ | DE | 1 | 4 |
| 4 | Theoretische Elektrotechnik I: Zeitunabhängige Felder | Theoretical Electrical Engineering I: Time-Independent Fields | E-18 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Theoretische Elektrotechnik I: Zeitunabhängige Felder | Theoretical Electrical Engineering I: Time-Independent Fields | VL | DE | 3 | 4 |
| | | | | | | | | | Theoretische Elektrotechnik I: Zeitunabhängige Felder | Theoretical Electrical Engineering I: Time-Independent Fields | UE | DE | 2 | 4 |
| 5 | Baustatik I | Structural Analysis I | B-4 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Baustatik I | Structural Analysis I | VL | DE | 2 | 5 |
| | | | | | | | | | Baustatik I | Structural Analysis I | HÜ | DE | 2 | 5 |
| 5 | Baustoffgrundlagen und Bauphysik | Principles of Building Materials and Building Physics | B-3 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Bauphysik | Building Physics | VL | DE | 2 | 5 |
| | | | | | | | | | Bauphysik | Building Physics | UE | DE | 1 | 5 |
| | | | | | | | | | Bauphysik | Building Physics | HÜ | DE | 1 | 5 |
| | | | | | | | | | Grundlagen der Baustoffe | Principles of Building Materials | VL | DE | 2 | 5 |
| 5 | Chemie | Chemistry | SD-B | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Chemie I | Chemistry I | VL | DE | 2 | 5 |

| Empf. Sem. | Modulname (deutsch) | Modulname (englisch) | Institut | P/WP (1) | GM/OM (2) | Note | Prüfungsform (3) | LP (4) | Name der Lehrveranstaltung(LV) deutsch | Name der Lehrveranstaltung(LV) englisch | Form LV(5) | Sprache (6) | SWS (7) | Sem. LV |
|------------|---|---|----------|----------|-----------|------|------------------|--------|---|--|------------|-------------|---------|---------|
| | | | | | | | | | Chemie I | Chemistry I | HÜ | DE | 1 | 5 |
| | | | | | | | | | Chemie II | Chemistry II | VL | DE | 2 | 5 |
| | | | | | | | | | Chemie II | Chemistry II | HÜ | DE | 1 | 5 |
| 5 | Elektrotechnik III: Netzwerktheorie und Transienten | Electrical Engineering III: Circuit Theory and Transients | E-3 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Netzwerktheorie | Circuit Theory | VL | DE | 3 | 5 |
| | | | | | | | | | Netzwerktheorie | Circuit Theory | UE | DE | 2 | 5 |
| 5 | Grundlagen der Regelungstechnik | Introduction to Control Systems | E-14 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Grundlagen der Regelungstechnik | Introduction to Control Systems | VL | DE | 2 | 5 |
| | | | | | | | | | Grundlagen der Regelungstechnik | Introduction to Control Systems | UE | DE | 2 | 5 |
| 5 | Mechanik III (Hydrostatik, Kinematik, Kinetik I) | Mechanics III (Hydrostatics, Kinematics, Kinetics I) | M-13 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Mechanik III (Hydrostatik, Kinematik, Kinetik I) | Mechanics III (Hydrostatics, Kinematics, Kinetics I) | VL | DE | 3 | 5 |
| | | | | | | | | | Mechanik III (Hydrostatik, Kinematik, Kinetik I) | Mechanics III (Hydrostatics, Kinematics, Kinetics I) | UE | DE | 2 | 5 |
| | | | | | | | | | Mechanik III (Hydrostatik, Kinematik, Kinetik I) | Mechanics III (Hydrostatics, Kinematics, Kinetics I) | HÜ | DE | 1 | 5 |
| 5 | Numerische Methoden der Thermofluiddynamik I | Computational Fluid Dynamics I | M-8 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Numerische Methoden der Thermofluiddynamik I | Computational Fluid Dynamics I | VL | DE | 2 | 5 |
| | | | | | | | | | Numerische Methoden der Thermofluiddynamik I | Computational Fluid Dynamics I | HÜ | DE | 2 | 5 |
| 5-6 | BIO I: Implantate und Testung | BIO I: Implants and Testing | M-3 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Implantate und Frakturheilung | Implants and Fracture Healing | VL | DE | 2 | 5 |
| | | | | | | | | | Experimentelle Methoden der Biomechanik | Experimental Methods in Biomechanics | VL | DE | 2 | 6 |
| 5-6 | Grundlagen der Werkstoffwissenschaften | Fundamentals of Materials Science | M-22 | WP | GM | Ja | KI | 6 | | | | | | |
| | | | | | | | | | Grundlagen der Werkstoffwissenschaft I | Fundamentals of Materials Science I | VL | DE | 2 | 5 |
| | | | | | | | | | Physikalische und Chemische Grundlagen der Werkstoffwissenschaften | Physical and Chemical Basics of Materials Science | VL | DE | 2 | 5 |
| | | | | | | | | | Grundlagen der Werkstoffwissenschaft II (Keramische Hochleistungswerkstoffe, Kunststoffe und Verbundwerkstoffe) | Fundamentals of Materials Science II (Advanced Ceramic Materials, Polymers and Composites) | VL | DE | 2 | 6 |

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|---|---------------------|----------------------|----------|----------|-----------|------|------------------|--------|--|---|------------|-------------|---------|---------|
| Abschlussarbeit Pflichtbereich: 12 LP Wahlpflichtbereich: 0 LP | | | | | | | | | | | | | | |
| 6 | Bachelorarbeit | Bachelor Thesis | Nicht | P | GM | Ja | lt. FSPO | 12 | | | | | | |

Legende:

¹P=Pflicht, WP=Wahlpflicht

²GM=Geschlossenes Modul, OM=Offenes Modul

³KI=Klausur, Re=Referat, Kl=Klausur, HA=Hausarbeit, SA=Schriftliche Ausarbeitung, MdP=Mündliche Prüfung, Re=Referat, lt. FSPO=laut FSPO, PA=Projektarbeit

⁴LP=Leistungspunkte

⁵VL=Vorlesung, SE=Seminar, UE=Gruppenübung, POL=Problem orientierte Lehrveranstaltung, PR=Laborpraktikum, HÜ=Hörsaalübung

⁶DE=Deutsch, EN=Englisch, DE/EN=Deutsch und Englisch

⁷SWS=Semesterwochenstunden