

Bachelorstudiengang Bauingenieurwesen und Geodäsie (B.Sc.) 2021



Studien- und Prüfungsplan (Anhang I)

| Legende | Bewertungs-system: | Prüfungsleistungen | | | | | | Kurs | | Semester | | | | | | | | |
|---|--|--------------------|-----------------|--------------|-------------|-------------------------|--------------------------|-----------------------------|--------|----------|-----------|--|----|----|----|----|----|--|
| | | Fachprüfung | Studienleistung | Prüfungsform | Dauer (min) | Gewichtung f. Modulnote | Gewichtung f. Gesamtnote | Semesterwochenstunden (SWS) | Status | Lehrform | CP gesamt | Die Zuordnung der Prüfungen zu Semestern hat empfehlenden Charakter. | | | | | | |
| | St=Standard (benotet); bnb=bestanden/nicht bestanden | | | | | | | | | | | Arbeitsaufwand pro Semester (CP) | | | | | | |
| | A=Abgabe, B=Bericht, H=Hausarbeit, HÜ=Hausübungen, Arbeitsblätter, K=Klausur, Kq=Kolloquium, mP=mündliche Prüfungsleistung, Pf=Portfolio, Pt=Präsentation, R=Referat, SF=Sonderform, Th=Thesis | | | | | | | | | | | 1. | 2. | 3. | 4. | 5. | 6. | |
| | o=obligatorisch; f=fakultativ | | | | | | | | | | | | | | | | | |
| | KU= Kurs; PJ=Projekt; PR=Praktikum; S=Seminar; TT=Tutorium; Ü=Übung; VL=Vorlesung; VU=Vorlesung und Übung | | | | | | | | | | | | | | | | | |
| | Leistungspunkte | | | | | | | | | | | | | | | | | |
| | TUCaN-Nr. und Zuordnung von CP zu Modulbausteinen haben informativen Charakter. Die Anrechnung der CPs erfolgt nach Abschluss des Moduls. | | | | | | | | | | | | | | | | | |
| I. Ingenieurwissenschaftlicher Pflichtbereich - Ausrichtung Bauingenieurwesen und Ausrichtung Geodäsie | | | | | | | | | | | | | | | | | | |
| 13-A0-M007/3 | Baubetrieb I | St | K | 45 | 1 | 1 | 2 | o | VL | 3 | | | | | | | | |
| | | bnb | HÜ | | | 0 | | | | | | | | | | | | |
| 13-A0-0001-vu | Baubetrieb I | | | | | | 2 | | VU | | | | | | | | | |
| 13-DO-M001 | Baukonstruktion und Bauphysik | St | K | 90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | |
| 13-D1-0002-vl | Grundlagen Baukonstruktion | | | | | | 2 | | VL | | | | | | | | | |
| 13-D3-0006-vl | Grundlagen Bauphysik | | | | | | 2 | | VL | | | | | | | | | |
| 13-F0-M020 | Geometrische Modellierung und Visualisierung I | St | K | 45 | 1 | 1 | 2 | o | VL | 3 | 3 | | | | | | | |
| | | bnb | HÜ | | | 0 | | | | | | | | | | | | |
| 13-F0-0020-vl | Geometrische Modellierung und Visualisierung I | | | | | | 1 | | VL | | | | | | | | | |
| 13-F0-0020-ue | Geometrische Modellierung und Visualisierung I -Übung | | | | | | 1 | | Ü | | | | | | | | | |
| 13-L1-M015 | Grundlagen der Hydrologie | St | K | 45 | 1 | 1 | 2 | o | VL | 3 | | | | | | | | |
| 13-L1-0015-vu | Grundlagen der Hydrologie | | | | | | 2 | | VU | | | | | | | | | |
| 13-F0-M009 | Grundlagen der Ingenieurinformatik | St | K | 90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | |
| | | bnb | HÜ | | | 0 | | | | | | | | | | | | |
| 13-F0-0001-vl | Grundlagen der Ingenieurinformatik | | | | | | 2 | | VL | | | | | | | | | |
| 13-F0-0002-ue | Grundlagen der Ingenieurinformatik - Übung | | | | | | 2 | | Ü | | | | | | | | | |
| 13-L2-M021 | Grundlagen der Rohr- und Gerinnehydraulik | St | K | 45 | 1 | 1 | 2 | o | VL | 3 | | | | | | | | |
| 13-L2-0021-vl | Grundlagen der Rohr- und Gerinnehydraulik | | | | | | 2 | | VL | | | | | | | | | |
| 13-01-M024 | Grundlagen des Planens, Entwerfens und Konstruierens I | St | mP | 15 | 1 | 1 | 4 | o | VL | 6 | 6 | | | | | | | |
| | | bnb | B | | | 0 | | | | | | | | | | | | |
| 13-01-0024-vl | GPEK I - Orientierung | | | | | | 0,5 | | VL | | | | | | | | | |
| 13-01-0024-se | GPEK I - Facharbeitstreffen | | | | | | 1,5 | | S | | | | | | | | | |
| 13-01-0024-pj | GPEK I - Projektarbeit | | | | | | 2 | | PJ | | | | | | | | | |
| 13-01-M025 | Grundlagen des Planens, Entwerfens und Konstruierens II | St | mP | 15 | 1 | 1 | 4 | o | VL | 6 | 6 | | | | | | | |
| | | bnb | B | | | 0 | | | | | | | | | | | | |
| 13-01-0025-vl | GPEK II - Orientierung | | | | | | 0,5 | | VL | | | | | | | | | |
| 13-01-0025-se | GPEK II - Facharbeitstreffen | | | | | | 1,5 | | S | | | | | | | | | |
| 13-01-0025-pj | GPEK II - Projektarbeit | | | | | | 2 | | PJ | | | | | | | | | |
| 04-00-0104/f | Mathematik I (Bau) | St | K | 90 | 1 | 1 | 6 | o | VL | 6 | 6 | | | | | | | |
| 04-00-0120-vu | Mathematik I (Bau) | | | | | | 6 | | VU | | | | | | | | | |
| 04-00-0105/f | Mathematik II (Bau) | St | K | 90 | 1 | 1 | 6 | o | VL | 6 | 6 | | | | | | | |
| 04-00-0074-vu | Mathematik II (Bau) | | | | | | 6 | | VU | | | | | | | | | |
| 04-00-0106/f | Mathematik III (Bau) | St | K | 90 | 1 | 1 | 6 | o | VL | 6 | | | | | | | | |
| 04-00-0121-vu | Mathematik III (Bau) | | | | | | 6 | | VU | | | | | | | | | |
| 13-B1-M049 | Messtechnik - Datenerfassung und Geoinformationssysteme (BIG) | St | K | 90 | 1 | 1 | 6 | o | VL | 8 | 4 | 4 | | | | | | |
| | | bnb | K | 90 | 0 | | | | | | | | | | | | | |
| | | bnb | SF | | | 0 | | | | | | | | | | | | |
| 13-B1-0048-vl | Messtechnik - Datenerfassung und Geoinformationssysteme | | | | | | 2 | | VL | | | | | | | | | |
| 13-B1-0049-ue | Messtechnik - Datenerfassung und Geoinformationssysteme - Übung | | | | | | 1 | | Ü | | | | | | | | | |
| 13-B1-0049-pr | Messpraktikum (BIG) | | | | | | 3 | | PR | | | | | | | | | |
| 05-95-1001 | Physik/Physikalisches Grundpraktikum für BI | St | K | 120 | 4 | 1 | 9 | o | VL | 8 | 4 | 4 | | | | | | |
| | | St | SF | | 1 | | | | | | | | | | | | | |
| | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 05-11-0851-vl | Physik | | | | | | 3 | | VL | | | | | | | | | |
| 05-13-0851-ue | Übungen zur Physik für BI | | | | | | 2 | | Ü | | | | | | | | | |
| 05-15-0022-pr | Physikalisches Grundpraktikum für Bauingenieure | | | | | | 4 | | PR | | | | | | | | | |
| 13-B2-M026 | Planungs-, Bau-, Boden- und Umweltrecht | St | K | 45 | 1 | 1 | 2 | o | VL | 3 | 3 | | | | | | | |
| 13-B2-0029-vl | Planungs-, Bau-, Boden- und Umweltrecht | | | | | | 2 | | VL | | | | | | | | | |
| 13-K0-M005 | Siedlungswasserwirtschaft I | St | K | 90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | |
| | | bnb | HÜ | | | 0 | | | | | | | | | | | | |
| 13-K0-0005-vl | Siedlungswasserwirtschaft I | | | | | | 4 | | VL | | | | | | | | | |
| 13-E0-M001 | Technische Mechanik I | St | K | 90 | 1 | 1 | 5 | o | VL | 6 | 6 | | | | | | | |
| 13-E0-0001-vl | Technische Mechanik I | | | | | | 3 | | VL | | | | | | | | | |
| 13-E0-0002-ue | Technische Mechanik I - Übung | | | | | | 2 | | Ü | | | | | | | | | |
| 13-E0-0004-tt | Technische Mechanik I - Tutorium | | | | | | 2 | f | TT | | | | | | | | | |
| 13-J0-M001 | Verkehr I | St | K | 120 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | |
| | | bnb | HÜ | | | 0 | | | | | | | | | | | | |
| 13-J0-0008-vl | Verkehr I | | | | | | 4 | | VL | | | | | | | | | |

| II. Wahl der fachlichen Ausrichtung (Wahl von Bauingenieurwesen oder Geodäsie) | | | | 58 | o | X | 77 | | | | | | | |
|--|---|----|------|--------|---|---|----|---|----|---|---|--|---|----|
| II. a Fachliche Ausrichtung - Ausrichtung Bauingenieurwesen | | | | 42 | o | X | 77 | | | | | | | |
| II. a Fachlicher Pflichtbereich - Ausrichtung Bauingenieurwesen | | | | 42 | o | X | 47 | | | | | | | |
| 13-M2-M001 | Baustatik I | St | K | 90 | 1 | 1 | 5 | o | X | 6 | | | 6 | |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-M2-0002-vl | Baustatik I | | | | | | 2 | | VL | | | | x | |
| 13-M2-0003-ue | Baustatik I - Übung | | | | | | 3 | | Ü | | | | x | |
| 13-M2-M002 | Baustatik II | St | K | 90 | 1 | 1 | 5 | o | X | 6 | | | | 6 |
| | | | bnb | H | | 0 | | | | | | | | |
| 13-M2-0004-vl | Baustatik II | | | | | | 2 | | VL | | | | | x |
| 13-M2-0011-ue | Baustatik II - Übung | | | | | | 3 | | Ü | | | | | x |
| 13-K1-M007 | Chemie I - Einführung in die Chemie für Ingenieur*innen | St | K | 60 | 1 | 1 | 2 | o | X | 3 | 3 | | | |
| 13-K1-0009-vl | Chemie I - Einführung in die Chemie für Ingenieur*innen | | | | | | 2 | | VL | | x | | | |
| 13-F0-M021 | Geometrische Modellierung und Visualisierung II | St | K | 45 | 1 | 1 | 2 | o | X | 3 | | | | 3 |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-F0-0021-vl | Geometrische Modellierung und Visualisierung II | | | | | | 1 | | VL | | | | | x |
| 13-F0-0021-ue | Geometrische Modellierung und Visualisierung II - Übung | | | | | | 1 | | Ü | | | | | x |
| 13-C0-M005/3 | Geotechnik I | St | K | 60 | 1 | 1 | 3 | o | X | 3 | | | | 3 |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-C0-0007-vl | Geotechnik I | | | | | | 2 | | VL | | | | | x |
| 13-C0-0008-ue | Geotechnik I - Übung | | | | | | 1 | | Ü | | | | | x |
| 13-I1-M007 | Stahlbau I - Grundlagen | St | K | 45 | 1 | 1 | 2 | o | X | 3 | | | | 3 |
| | | | bnb | H | | 0 | | | | | | | | |
| 13-I1-0021-vu | Stahlbau I - Grundlagen | | | | | | 2 | | VU | | | | | x |
| 13-D2-M018 | Stahlbetonbau I | St | K | 45 | 1 | 1 | 3 | o | X | 3 | | | | 3 |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-D2-0021-vu | Stahlbetonbau I | | | | | | 3 | | VU | | | | | x |
| 13-E0-M002 | Technische Mechanik II (BI) | St | K | 90 | 1 | 1 | 7 | o | X | 6 | 6 | | | |
| 13-E0-0007-vl | Technische Mechanik II (BI) | | | | | | 3 | | VL | | | | | x |
| 13-E0-0008-ue | Technische Mechanik II (BI) - Übung | | | | | | 2 | | Ü | | | | | x |
| 13-E0-0010-tt | Technische Mechanik II (BI) - Tutorium | | | | | | 2 | | TT | | | | | x |
| 13-E0-M003 | Technische Mechanik III | St | K | 90 | 1 | 1 | 7 | o | X | 6 | | | | 6 |
| 13-E0-0013-vl | Technische Mechanik III | | | | | | 3 | | VL | | | | | x |
| 13-E0-0014-ue | Technische Mechanik III - Übung | | | | | | 2 | | Ü | | | | | x |
| 13-E0-0016-tt | Technische Mechanik III - Tutorium | | | | | | 2 | | TT | | | | | x |
| 13-02-M001/8 | Werkstoffe im Bauwesen (BI) | St | K | 90 | 1 | 1 | 6 | o | X | 8 | | | | 8 |
| | | St | K | 90 | 1 | 1 | | | | | | | | |
| 13-02-0001-vl | Baustoffe | | | | | | 2 | | VL | | | | | x |
| 13-02-0001-ue | Baustoffe - Übung | | | | | | 1 | | Ü | | | | | x |
| 13-02-0002-vl | Werkstoffe | | | | | | 2 | | VL | | | | | x |
| 13-02-0002-ue | Werkstoffe - Übung | | | | | | 1 | | Ü | | | | | x |
| 13-02-0011-hü | Werkstoffe im Bauwesen - Vorrechenübung | | | | | | 2 | f | HÜ | | | | | x |
| III. a Fachlicher Wahlbereich - Ausrichtung Bauingenieurwesen (Katalog) | | | | 16 | o | X | 24 | | | | | | | |
| Wahl entsprechend der empfohlenen Berufsbilder (s. Studieninformation) | | | | | | | | | | | | | | |
| 13-A0-M008 | Baubetrieb II | St | K | 90 | 1 | 1 | 4 | f | X | 6 | | | | 12 |
| | | | bnb | HÜ | | 0 | | | | | | | | 6 |
| 13-A0-0002-vu | Baubetrieb II | | | | | | 4 | | VU | | | | | x |
| 13-D1-M003 | Baukonstruktion | St | K | 90 | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | St | H | | 1 | | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-D1-0001-ue | Baukonstruktion - Übung | | | | | | 2 | | Ü | | | | | x |
| 13-D1-0019-pj | Baukonstruktion - Projekt | | | | | | 2 | | PJ | | | | | x |
| 13-D3-M003 | Bauphysik | St | K | 90 | 1 | 1 | 2 | f | X | 6 | | | | 6 |
| | | | bnb | B | | 0 | | | | | | | | |
| 13-D3-0005-ue | Bauphysik - Übung | | | | | | 2 | | Ü | | | | | x |
| 13-D3-0014-pj | Bauphysik - Projekt | | | | | | 0 | | PJ | | | | | x |
| 13-B2-M006 | Bodenordnung und Bodenwirtschaft I | St | mP+K | 15+120 | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-B2-0003-vl | Bodenordnung und Bodenwirtschaft I | | | | | | 2 | | VL | | | | | x |
| 13-B2-0004-ue | Bodenordnung und Bodenwirtschaft I - Übung | | | | | | 2 | | Ü | | | | | x |
| 13-K1-M014 | Chemie II - für Ingenieur*innen | St | K | 60 | 3 | | 3 | o | X | 3 | 3 | | | |
| | | | bnb | HÜ | | 2 | | | | | | | | |
| 13-K1-0010-vl | Chemie II - Stöchiometrisches Rechnen und Quantitative Analytik für | | | | | | 2 | | VL | | | | | x |
| 13-K1-0024-pr | Praktikum Chemie II | | | | | | 1 | | PR | | | | | x |
| 13-K4-M011 | Einführung in die Stadt- und Regionalplanung in Hessen | St | H | | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | | bnb | R | | 0 | | | | | | | | |
| 13-K4-0027-se | Einführung in die Stadt- und Regionalplanung in Hessen | | | | | | 4 | | S | | | | | x |
| 13-B1-M010 | Geodatenbanken I | St | mP/K | 15/90 | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | | bnb | SF | | 0 | | | | | | | | |
| 13-B1-0001-vl | Geodatenbanken I | | | | | | 2 | | VL | | | | | x |
| 13-B1-0002-ue | Geodatenbanken I - Übung | | | | | | 2 | | Ü | | | | | x |
| 11-02-6011 | Geologie I | St | K | 90 | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | | bnb | A | | 0 | | | | | | | | |
| 11-02-1302-vl | Exogene Geologie | | | | | | 2 | | VL | | | | | x |
| 11-02-1303-ue | Übungen zur Mineral- und Gesteinsbestimmung | | | | | | 2 | | Ü | | | | | x |
| 13-C0-M023 | Geotechnik II | St | K | 90 | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-C0-0009-vl | Geotechnik II | | | | | | 2 | | VL | | | | | x |
| 13-C0-0010-ue | Geotechnik II - Übung | | | | | | 2 | | Ü | | | | | x |
| 13-B2-J003 | GIS and Applications to Urban Development | St | K | 90 | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-B2-J003-vl | Basics of GIS | | | | | | 2 | | VL | | | | | x |
| 13-B2-J004-ue | Using GIS for Urban Analysis | | | | | | 2 | | Ü | | | | | x |
| 13-M4-M001 | Grundlagen der Fassadentechnik | St | mP | 15 | 1 | 1 | 4 | f | X | 6 | | | | 6 |
| | | | bnb | HÜ | | 0 | | | | | | | | |
| 13-M4-0001-vu | Grundlagen der Fassadentechnik | | | | | | 4 | | VU | | | | | x |

| | | | | | | | | | | | | | | | | | | | |
|--|--|----|-----|------|--------|---|---|----|---|----|---|---|---|---|---|---|---|---|----|
| 13-B2-M034 | Grundlagen der Räumlichen Planung | St | | K | 90 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-B2-0034-vl | Grundlagen der Räumlichen Planung | | | | | | | 3 | | VL | | | | | | | | | x |
| 13-B2-0034-ue | Grundlagen der Räumlichen Planung - Übung | | | | | | | 1 | | Ü | | | | | | | | | x |
| 13-K3-M006 | Grundlagen der Umweltwissenschaften | St | | K | 90 | 1 | 1 | 4 | o | VL | 6 | 6 | | | | | | | |
| 13-K3-0002-vl | Grundlagen der Umweltwissenschaften | | bnb | HÜ | | | | | | | | | | | | | | | |
| 13-K3-0003-se | Grundlagen der Umweltwissenschaften - Seminar | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-L1-M001/3 | Ingenieurhydrologie I | St | | K | 60 | 1 | 1 | 2 | f | VL | 3 | | | | | | | | 3 |
| 13-L1-0001-vu | Ingenieurhydrologie I | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-F0-M022 | Ingenieurinformatikprojekt | St | | Kq/K | 15/45 | 1 | 1 | 2 | f | VL | 3 | | | | | | | | 3 |
| 13-F0-0022-se | Ingenieurinformatikprojekt | | bnb | H | | 0 | | | | | | | | | | | | | |
| 13-K1-M002 | Kreislauf- und Abfallwirtschaft | St | | K | 90 | 1 | 1 | 16 | o | VL | 6 | | | | | | | | 6 |
| 13-K1-0001-vl | Kreislauf- und Abfallwirtschaft | | bnb | H | | 0 | | | | | | | | | | | | | |
| 13-K1-0002-ue | Kreislauf- und Abfallwirtschaft - Übung | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-K3-M003 | Modellierung von Stoffstromsystemen I | St | | K | 90 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-K3-0006-vl | Stoffstromanalyse und Life Cycle Assessment (Ökobilanz) | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-K3-0007-ue | Stoffstromanalyse und Life Cycle Assessment (Ökobilanz) - Übung | | | | | | | 2 | | Ü | | | | | | | | | x |
| 13-B1-M005 | Sensorik | St | | K | 90 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-B1-0022-vl | Sensorik | | bnb | SF | | 0 | | | | | | | | | | | | | |
| 13-B1-0039-ue | Sensorik - Übung | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-K0-M007 | Siedlungswasserwirtschaft II | St | | K | 90 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-K0-0007-vl | Siedlungswasserwirtschaft II | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-I1-M001 | Stahlbau II - Hochbau | St | | K | 90 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-I1-0010-vl | Stahlbau II | | bnb | H | | 0 | | | | | | | | | | | | | |
| 13-I1-0011-ue | Stahlbau II - Übung | | | | | | | 3 | | VL | | | | | | | | | x |
| 13-D2-M012 | Stahlbetonbau II | St | | K | 90 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-D2-0030-vl | Stahlbetonbau II | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-D2-0031-ue | Stahlbetonbau II - Übung | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-J0-M002 | Verkehr II | St | | K | 120 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-J0-0009-vl | Verkehr II | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-L2-M022 | Wasserbau I: Funktion, Bemessung und Einsatz von Wasserbauwerken | St | | K | 45 | 1 | 1 | 2 | f | VL | 3 | | | | | | | | 3 |
| 13-L2-0022-vl | Wasserbau I: Funktion, Bemessung und Einsatz von Wasserbauwerken | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-02-M004 | Werkstoffmechanik | St | | mP | 30 | 1 | 1 | 4 | f | VL | 6 | | | | | | | | 6 |
| 13-02-0003-vl | Werkstoffmechanik | | | | | | | 3 | | VL | | | | | | | | | x |
| 13-02-0004-ue | Werkstoffmechanik - Übung | | | | | | | 1 | | Ü | | | | | | | | | x |
| und weitere Module (Katalog) | | | | | | | | | | | | | | | | | | | |
| IV. a Allgemeiner Wahlbereich - Ausrichtung Bauingenieurwesen | | | | | | | | | | | | | | | | | | | |
| (Modulwahl nach § 30 (6) APB) | | | | | | | | | | | | | | | | | | | |
| Gesamtkatalog aller Module der TU Darmstadt (außer FB 13) | | | | | | | | | | | | | | | | | | | |
| Sprachkurse (Katalog) | | | | | | | | | | | | | | | | | | | |
| 41-21-0956 | English for Civil Engineers I | St | | K | 90 | 3 | 1 | 2 | f | VL | 3 | | | | | | | | 3 |
| | | | bnb | HÜ | | 2 | | | | | | | | | | | | | |
| 41-21-0950-ku | English for Civil Engineers I | | | | | | | 2 | | KU | | x | x | x | x | x | x | x | x |
| 41-21-0966 | English for Civil Engineers II | St | | mP | | 7 | 1 | 2 | f | VL | 3 | | | | | | | | 3 |
| | | | bnb | HÜ | | 3 | | | | | | | | | | | | | |
| 41-21-0960-ku | English for Civil Engineers II a-d | | | | | | | 2 | | KU | | x | x | x | x | x | x | x | x |
| 41-21-0266 | English for Architecture and Civil Engineering I | St | | Pt | | 3 | 1 | 2 | f | VL | 3 | | | | | | | | 3 |
| | | | St | HÜ | | 2 | | | | | | | | | | | | | |
| 41-21-xxxx-ku | English for Civil Engineers I | | | | | | | 2 | | KU | | | | | | | | | x |
| 41-21-0276 | English for Architecture and Civil Engineering II | St | | K | 90 | 3 | 1 | 2 | f | VL | 3 | | | | | | | | 3 |
| | | | St | HÜ | | 2 | | | | | | | | | | | | | |
| 41-21-xxxx-ku | English for Civil Engineers I | | | | | | | 2 | | KU | | | | | | | | | x |
| und weitere Module (Katalog) | | | | | | | | | | | | | | | | | | | |
| II. b Fachliche Ausrichtung - Ausrichtung Geodäsie | | | | | | | | | | | | | | | | | | | |
| II. b Fachlicher Pflichtbereich - Ausrichtung Geodäsie | | | | | | | | | | 26 | o | | | | | | | | 77 |
| 13-B2-M006 | Bodenordnung und Bodenwirtschaft I | St | | mP+K | 15+120 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | 6 |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-B2-0003-vl | Bodenordnung und Bodenwirtschaft I | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-B2-0004-ue | Bodenordnung und Bodenwirtschaft I - Übung | | | | | | | 2 | | Ü | | | | | | | | | x |
| 13-G0-M017 | Digitale Bildverarbeitung | St | | K | 60 | 1 | 1 | 2 | o | VL | 3 | | | | | | | | 3 |
| 13-G0-0017-vl | Digitale Bildverarbeitung | | | | | | | 1 | | VL | | | | | | | | | x |
| 13-G0-0017-ue | Digitale Bildverarbeitung - Übung | | | | | | | 1 | | Ü | | | | | | | | | x |
| 13-B1-M050 | Einführung in die Geodätische Messtechnik | St | | K | 90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | 6 |
| | | | bnb | SF | | 0 | | | | | | | | | | | | | |
| 13-B1-0050-vl | Einführung in die Geodätische Messtechnik | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-B1-0050-pr | Messpraktikum (Geodäsie) | | | | | | | 2 | | PR | | | | | | | | | x |
| 13-G0-M010 | Fernerkundung I | St | | K | 90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | 6 |
| | | | bnb | Pf | | 0 | | | | | | | | | | | | | |
| 13-G0-0023-vl | Fernerkundung I | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-G0-0024-ue | Fernerkundung I - Übung | | | | | | | 2 | | Ü | | | | | | | | | x |
| 13-B1-M051 | Geodätische Messtechnik I | St | | mP/K | 15/90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | 6 |
| | | | bnb | SF | | 0 | | | | | | | | | | | | | |
| 13-B1-0051-vl | Geodätische Messtechnik I | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-B1-0051-ue | Geodätische Messtechnik I - Übung | | | | | | | 2 | | Ü | | | | | | | | | x |
| 13-B1-M010 | Geodatenbanken I | St | | mP/K | 15/90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | 6 |
| | | | bnb | SF | | 0 | | | | | | | | | | | | | |
| 13-B1-0001-vl | Geodatenbanken I | | | | | | | 2 | | VL | | | | | | | | | x |
| 13-B1-0002-ue | Geodatenbanken I - Übung | | | | | | | 2 | | Ü | | | | | | | | | x |
| 13-H0-M001 | Parameterschätzung I | St | | K | 90 | 1 | 1 | 4 | o | VL | 6 | | | | | | | | 6 |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-H0-0005-vl | Parameterschätzung I | | | | | | | 3 | | VL | | | | | | | | | x |
| 13-H0-0006-ue | Parameterschätzung I - Übung | | | | | | | 1 | | Ü | | | | | | | | | x |
| 13-E0-M019 | Technische Mechanik II (G/UI) | St | | K | 90 | 1 | 1 | 7 | o | VL | 6 | | | | | | | | 6 |
| 13-E0-0019-vl | Technische Mechanik II (G/UI) | | | | | | | 3 | | VL | | | | | | | | | x |
| 13-E0-0019-ue | Technische Mechanik II (G/UI) - Übung | | | | | | | 2 | | Ü | | | | | | | | | x |
| 13-E0-0019-tt | Technische Mechanik II (G/UI) - Tutorium | | | | | | | 2 | | TT | | | | | | | | | x |

| III. b Fachlicher Wahlbereich - Ausrichtung Geodäsie | | | | | | | | | | 12 | o | 21 | | | | | | | |
|--|--|----|-----|------|-------|---|---|---|---|-----|----|-----|----|----|----|----|----|----|---|
| Wahl eines Schwerpunkts (je 21 CP) entsprechend der empfohlenen Berufsbilder (s. Studieninformation) | | | | | | | | | | | f | | | | | | | 12 | 9 |
| Bau- und Umweltingenieurwesen | | | | | | | | | | | | 21 | | | | | | | |
| 13-H0-M036 | Erdmessung und Bezugssysteme | St | | K | 60 | 1 | 1 | 2 | f | | 3 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-H0-0036-vl | Erdmessung und Bezugssysteme | | | | | | | 1 | | VL | | | | | | | | | |
| 13-H0-0036-ue | Erdmessung und Bezugssysteme - Übung | | | | | | | 1 | | Ü | | | | | | | | | |
| 13-B1-M052 | Geodätische Messtechnik II | St | | mP/K | 15/90 | 1 | 1 | 2 | f | | 3 | | | | | | | | |
| | | | bnb | SF | | 0 | | | | | | | | | | | | | |
| 13-B1-0052-vl | Geodätische Messtechnik II | | | | | | | 1 | | VL | | | | | | | | | |
| 13-B1-0052-ue | Geodätische Messtechnik II - Übung | | | | | | | 1 | | Ü | | | | | | | | | |
| 13-G0-M005 | Photogrammetrie I | St | | K | 90 | 1 | 1 | 2 | f | | 6 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-G0-0021-vl | Photogrammetrie I | | | | | | | 2 | | VL | | | | | | | | | |
| 13-G0-0014-ue | Photogrammetrie I - Praktikum | | | | | | | 2 | | Ü | | | | | | | | | |
| 13-H0-M038 | Satellitenavigation (GNSS) | St | | K | 60 | 1 | 1 | 2 | f | | 3 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-H0-0038-vl | Satellitenavigation (GNSS) | | | | | | | 1 | | VL | | | | | | | | | |
| 13-H0-0038-ue | Satellitenavigation (GNSS) - Übung | | | | | | | 1 | | Ü | | | | | | | | | |
| 13-B1-M005 | Sensorik | St | | K | 90 | 1 | 1 | 4 | f | | 6 | | | | | | | | |
| | | | bnb | SF | | 0 | | | | | | | | | | | | | |
| 13-B1-0022-vl | Sensorik | | | | | | | 2 | | VL | | | | | | | | | |
| 13-B1-0039-ue | Sensorik - Übung | | | | | | | 2 | | Ü | | | | | | | | | |
| Erdbeobachtung und Positionierung | | | | | | | | | | | f | 21 | | | | | | | |
| 13-H0-M036 | Erdmessung und Bezugssysteme | St | | K | 60 | 1 | 1 | 2 | f | | 3 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-H0-0036-vl | Erdmessung und Bezugssysteme | | | | | | | 1 | | VL | | | | | | | | | |
| 13-H0-0036-ue | Erdmessung und Bezugssysteme - Übung | | | | | | | 1 | | Ü | | | | | | | | | |
| 13-B2-J003 | GIS and Applications to Urban Development | St | | K | 90 | 1 | 1 | 4 | f | | 6 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-B2-J003-vl | Basics of GIS | | | | | | | 2 | | VL | | | | | | | | | |
| 13-B2-J004-ue | Using GIS for Urban Analysis | | | | | | | 2 | | Ü | | | | | | | | | |
| 13-G0-M005 | Photogrammetrie I | St | | K | 90 | 1 | 1 | 2 | f | | 6 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-G0-0021-vl | Photogrammetrie I | | | | | | | 2 | | VL | | | | | | | | | |
| 13-G0-0014-ue | Photogrammetrie I - Praktikum | | | | | | | 2 | | Ü | | | | | | | | | |
| 13-H0-M037 | Positionierung und Navigation | St | | K | 60 | 1 | 1 | 2 | f | | 3 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-H0-00037-vl | Positionierung und Navigation | | | | | | | 1 | | VL | | | | | | | | | |
| 13-H0-00037-ue | Positionierung und Navigation - Übung | | | | | | | 1 | | Ü | | | | | | | | | |
| 13-H0-M038 | Satellitenavigation (GNSS) | St | | K | 60 | 1 | 1 | 2 | f | | 3 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-H0-0038-vl | Satellitenavigation (GNSS) | | | | | | | 1 | | VL | | | | | | | | | |
| 13-H0-0038-ue | Satellitenavigation (GNSS) - Übung | | | | | | | 1 | | Ü | | | | | | | | | |
| Landmanagement und Geoinformation | | | | | | | | | | | f | 21 | | | | | | | |
| 13-B2-J003 | GIS and Applications to Urban Development | St | | K | 90 | 1 | 1 | 4 | f | | 6 | | | | | | | | |
| | | | bnb | HÜ | | 0 | | | | | | | | | | | | | |
| 13-B2-J003-vl | Basics of GIS | | | | | | | 2 | | VL | | | | | | | | | |
| 13-B2-J004-ue | Using GIS for Urban Analysis | | | | | | | 2 | | Ü | | | | | | | | | |
| 13-K4-M011 | Einführung in die Stadt- und Regionalplanung in Hessen | St | | H | | 1 | 1 | 4 | f | | 6 | | | | | | | | |
| | | | bnb | R | | 0 | | | | | | | | | | | | | |
| 13-K4-0027-se | Einführung in die Stadt- und Regionalplanung in Hessen | | | | | | | 4 | | S | | | | | | | | | |
| 13-B2-M034 | Grundlagen der Räumlichen Planung | St | | K | 90 | 1 | 1 | 4 | f | | 6 | | | | | | | | |
| | | | | | | | | 3 | | VL | | | | | | | | | |
| 13-B2-0034-vl | Grundlagen der Räumlichen Planung | | | | | | | 1 | | Ü | | | | | | | | | |
| 13-B2-0034-ue | Grundlagen der Räumlichen Planung - Übung | | | | | | | 1 | | Ü | | | | | | | | | |
| 13-B2-M032 | Liegenschaftskataster | St | | mP | 20 | 1 | 1 | 2 | f | | 3 | | | | | | | | |
| | | | bnb | SF | | 0 | | | | | | | | | | | | | |
| 13-B2-0032-pr | Liegenschaftskataster | | | | | | | 2 | | PR | | | | | | | | | |
| IV. b Allgemeiner Wahlbereich - Ausrichtung Geodäsie | | | | | | | | | | | o | 11 | | | | | | | |
| (Modulwahl nach § 30 (6) APB) | | | | | | | | | | | | | | | | | | | |
| Gesamtkatalog aller Module der TU Darmstadt (außer Module des FB 13) | | | | | | | | | | | f | 11 | 5 | | | | | 3 | 3 |
| V. BACHELOR THESIS (12 CP) | | | | | | | | | | | o | 12 | | | | | | | |
| 13-00-BBIG/12 | Bachelorthesis Bauingenieurwesen und Geodäsie | St | | Th | | 1 | 1 | | | | 12 | | | | | | | | |
| | | | bnb | Pr | | 0 | | | | | | | | | | | | | |
| Ausrichtung Bauingenieurwesen Summe | | | | | | | | | | 137 | | 180 | 34 | 32 | 30 | 33 | 30 | 30 | |
| Ausrichtung Geodäsie Summe | | | | | | | | | | 117 | | 180 | 30 | 29 | 28 | 33 | 30 | 30 | |

Stand: 15.11.2023