

Bachelorstudiengang "Umweltingenieurwesen"
Curriculum

| Modul- kürzel | Modultitel | LP des Moduls | Studien- leistung | 1. Semester | | | | 2. Semester | | | | 3. Semester | | | | 4. Semester | | | | 5. Semester | | | | 6. Semester | | | | | | | | |
|---|--|------------------|----------------------|-------------|---|------|----|-------------|---|------|----|-------------|---|------|----|-------------|---|------|----|-------------|---|---|----|-------------|---|---|----|---|---|---|----|--|
| | | | | WiSe | | SoSe | | WiSe | | SoSe | | WiSe | | SoSe | | WiSe | | SoSe | | | | | | | | | | | | | | |
| | | | | V | Ü | P | LP | V | Ü | P | LP | V | Ü | P | LP | V | Ü | P | LP | V | Ü | P | LP | V | Ü | P | LP | | | | | |
| Pflichtmodule | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UI-01 | Höhere Mathematik A | 8 | | 4 | 2 | K | 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| UI-02 | Mechanik A | 9 | | 3 | 4 | K | 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| UI-03 | Umweltingenieurwesen I | 3 | | 2 | | S | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| UI-04 | Chemie und Chemielabor | 7 | X | 2 | 2 | K | 4 | | 3 | | 3 | | | | | | | | | | | | | | | | | | | | | |
| UI-05 | Umweltethik | 5 | | 1 | 1 | | 2 | 1 | 1 | S | 3 | | | | | | | | | | | | | | | | | | | | | |
| UI-06 | Höhere Mathematik B | 8 | | | | | | 4 | 2 | K | 8 | | | | | | | | | | | | | | | | | | | | | |
| UI-07 | Siedlungswasserwirtschaft I | 5 | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | | | | | | | | | |
| UI-08 | Ingenieurinformatik | 5 | | | | | | 2 | 2 | S | 5 | | | | | | | | | | | | | | | | | | | | | |
| UI-09 | Umweltchemie, Umwelt- und Vertragsrecht | 6 | X | | | | | 4 | | K | 6 | | | | | | | | | | | | | | | | | | | | | |
| UI-10 | Strömungsmechanik | 5 | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-11 | Höhere Mathematik C | 5 | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-12 | Technische Mikrobiologie | 5 | X | | | | | | | | | | | | | 1 | 3 | K | 5 | | | | | | | | | | | | | |
| UI-13 | Energieaufwendungen und Ökobilanzierung | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | K | 5 | |
| Studienschwerpunkt Nachhaltige Prozess- und Umwelttechnik (MB) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UI-M01 | Numerische Mathematik | 5 | | | | | | | | | | 2 | 1 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-M02 | Grundlagen der Thermodynamik | 5 | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-M03 | Stoffumwandlung in der Energietechnik | 5 | | | | | | | | | | 3 | 1 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-M04 | Werkstoffe: Grundlagen und Anwendung | 7 | X | | | | | | | | | 3 | | | | 3 | 3 | 1 | K | 4 | | | | | | | | | | | | |
| UI-M05 | Grundlagen der Messtechnik mit Praktikum | 5 | | | | | | | | | | | | | | | 1 | 3 | K | 5 | | | | | | | | | | | | |
| UI-M06 | Energiewirtschaft | 5 | | | | | | | | | | | | | | | 3 | 1 | K | 5 | | | | | | | | | | | | |
| UI-M07 | Circular Economy im Umweltingenieurwesen | 5 | | | | | | | | | | | | | | | 3 | 1 | S | 5 | | | | | | | | | | | | |
| UI-M08 | Grundlagen der Verfahrenstechnik | 5 | | | | | | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | |
| UI-M09 | Wärme- und Stoffübertragung | 5 | | | | | | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | |
| UI-M10 | Grundlagen der Fluidenergiemaschinen | 5 | | | | | | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | |
| UI-M11 | Apparatebau | 5 | | | | | | | | | | | | | | | | | | 3 | 1 | K | 5 | | | | | | | | | |
| UI-M12 | Renewable Energy Systems | 5 | | | | | | | | | | | | | | | | | | 3 | 1 | K | 5 | | | | | | | | | |
| UI-M13 | Werkstoffrecycling | 5 | | | | | | | | | | | | | | | | | | 3 | 1 | K | 5 | | | | | | | | | |
| UI-M14 | Stoffumwandlung in der chemischen Industrie | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 1 | K | 5 | |
| UI-M15 | Labor UI (MB) | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | P | 8 | | |
| Studienschwerpunkt Umwelttechnik und Umweltplanung (BI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UI-B01 | Baustoffe UI | 5 | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-B02 | Bauphysik | 5 | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-B03 | Statik und Tragwerkslehre A | 5 | X | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | | | | | |
| UI-B04 | Hydrologie und Wasserwirtschaft | 7 | | | | | | | | | | 1 | 1 | | 3 | 2 | 2 | 1 | K | 4 | | | | | | | | | | | | |
| UI-B05 | Mechanik B für UI | 5 | | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | |
| UI-B06 | Stahlbetonbau | 5 | X | | | | | | | | | | | | | 3 | 2 | K | 5 | | | | | | | | | | | | | |
| UI-B07 | Stahlbau | 5 | X | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | | | | | |
| UI-B08 | Siedlungswasserwirtschaft II | 5 | | | | | | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | |
| UI-B09 | Grundlagen der Verkehrsplanung und -technik | 5 | | | | | | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | | | | | |
| UI-B10 | Umwelttechnik in Straßenplanung und -bau | 5 | | | | | | | | | | | | | | | | | | 3 | 1 | K | 5 | | | | | | | | | |
| UI-B11 | Bodenmechanik, Grundbau und Umweltgeotechnik | 10 | | | | | | | | | | | | | | | | | | 4 | 3 | K | 10 | | | | | | | | | |
| UI-B12 | Baubetrieb und Bauverfahrenstechnik | 8 | | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | 1 | 1 | K | 3 | | | | | |
| UI-B13 | Umweltsystembetrachtungen | 5 | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | K | 5 | | | | | |
| UI-B14 | Labor UI (BI) | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | P | 5 | | |
| Bachelorarbeit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UI-BA | Bachelorarbeit | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | |
| Wahlmodule | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Module gemäß Modulhandbuch | 12 | | | | | 4 | | | | | | | | 2 | | | | 6 | | | | | | | | | | | | | |
| | Module aus anderen Bachelorstudiengängen | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leistungspunkte | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Summe Leistungspunkte Studienschwerpunkt MB | | 180 | | | | | 30 | | | | 30 | | | | 30 | | | | 30 | | | | 30 | | | | 30 | | | | 30 | |
| Summe Leistungspunkte Studienschwerpunkt BI | | 180 | | | | | 30 | | | | 30 | | | | 30 | | | | 30 | | | | 30 | | | | 30 | | | | 30 | |

V / Ü SWS der Vorlesung / Übung

P Prüfungsform der Modulabschlussprüfung:

K Klausur

S Studienbegleitende Aufgaben

P Protokoll