

ANLAGE 1.1 : Stundentafel B.Eng. Wirtschaftsingenieurwesen Betrieblicher Umweltschutz

| Pflichtmodule | 1. Sem. | | | | 2. Sem. | | | | 3. Sem. | | | | 4. Sem. | | | | 5. Sem. | | | | 6. Sem. | | | | 7. Sem. | | | | CP | | | | |
|---------------------------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|-----|--|--|--|----|
| | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | | | | | |
| Mathematik I/II | 4 | 1 | | 5 | 4 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Physik I/II | 2 | 1 | 1 | 5 | 2 | 1 | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Informatik I/II | | | | | | | | | 3 | | 1 | 5 | 2 | | 2 | 5 | | | | | | | | | | | | | | | | | 10 |
| Werkstoffkunde/Chemie | 4 | | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Technische Mechanik I/II | 3 | 1 | | 5 | 4 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Elektrotechnik I/II | | | | | 3 | 1 | | 5 | 2 | | 2 | 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| BWL I/II/III | 4 | | | 5 | 4 | | | 5 | 4 | | | 5 | | | | | | | | | | | | | | | | | | | | | 15 |
| Rechnungswesen I/II | | | | | | | | | 3 | 1 | | 5 | 3 | 1 | | 5 | | | | | | | | | | | | | | | | | 10 |
| Wirtschaftsrecht | 4 | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Bilanzierung | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | 5 |
| Finanzierung | | | | | | | | | | | | | | | | | 2 | | | 5 | 2 | | | 5 | | | | | | | | | 5 |
| Management | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | | | | | 5 |
| Controlling | | | | | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | 5 |
| Projektmanagem./Präsentationst. | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 5 | | | | | 5 |
| Logistik/Fabrikplanung | | | | | | | | | | | | | 4 | | 1 | 5 | | | | | | | | | | | | | | | | | 5 |
| Sprachen | | | | | | | | | | | | | | | | | 2 | | | | 2 | | | 5 | | | | | | | | | 5 |
| Konstruktion I | | | | | 2 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Fertigungstechnik I, II | | | | | | | | | 4 | | | 5 | 4 | | | 5 | | | | | | | | | | | | | | | | | 10 |
| Elektronik | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| Messtechnik | | | | | | | | | | | | | 3 | 0 | 1 | 5 | | | | | | | | | | | | | | | | | 5 |
| Energietechnik | | | | | | | | | | | | | 4 | 0 | 0 | 5 | | | | | | | | | | | | | | | | | 5 |
| Umweltanalytik/ -chemie | | | | | | | | | | | | | | | | | 4 | | 1 | 5 | | | | | | | | | | | | | 5 |
| Erneuerbare Energien | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | 5 |
| Abfall- und Entsorgungstechnik | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | 5 |
| Sensoren u. Datenanalyse | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | 5 |
| 1 Wahlpflichtmodul 6. Semester | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | 5 |
| 1 Wahlpflichtmodul 7. Semester | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | 5 |
| Ingenieurpraktikum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| Bachelorarbeit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| Kolloquium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Summe SWS/ECTS | 26 30 | | | | 25 30 | | | | 25 30 | | | | 25 30 | | | | 13 25 | | | | 24 35 | | | | 12 30 | | | | 210 | | | | |

ANLAGE 1.2 : Stundentafel B.Eng. Wirtschaftsingenieurwesen Elektrotechnik

| Pflichtmodule | 1. Sem. | | | | 2. Sem. | | | | 3. Sem. | | | | 4. Sem. | | | | 5. Sem. | | | | 6. Sem. | | | | 7. Sem. | | | | CP | | | | |
|---------------------------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|----|-----|----|--|--|----|
| | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | | | | | |
| Mathematik I/II | 4 | 1 | | 5 | 4 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Physik I/II | 2 | 1 | 1 | 5 | 2 | 1 | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Informatik I/II | | | | | | | | | 3 | | 1 | 5 | 2 | | 2 | 5 | | | | | | | | | | | | | | | | | 10 |
| Werkstoffkunde/Chemie | 4 | | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Technische Mechanik I/II | 3 | 1 | | 5 | 4 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Elektrotechnik I/II | | | | | 3 | 1 | | 5 | 2 | | 2 | 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| BWL I/II/III | 4 | | | 5 | 4 | | | 5 | 4 | | | 5 | | | | | | | | | | | | | | | | | | | | | 15 |
| Rechnungswesen I/II | | | | | | | | | 3 | 1 | | 5 | 3 | 1 | | 5 | | | | | | | | | | | | | | | | | 10 |
| Wirtschaftsrecht | 4 | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Bilanzierung | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | 5 |
| Finanzierung | | | | | | | | | | | | | | | | | 2 | | | 5 | 2 | | | 5 | | | | | | | | | 5 |
| Management | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | | | | | 5 |
| Controlling | | | | | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | 5 |
| Projektmanagem./Präsentationst. | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 5 | | | | | 5 |
| Logistik/Fabrikplanung | | | | | | | | | | | | | 4 | | 1 | 5 | | | | | | | | | | | | | | | | | 5 |
| Sprachen | | | | | | | | | | | | | | | | | 2 | | | | 2 | | | 5 | | | | | | | | | 5 |
| Bauelemente der Elektrotechnik | | | | | 3 | | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Elektronik | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| CAD in der Elektrotechnik | | | | | | | | | | | | | 2 | 2 | | 5 | | | | | | | | | | | | | | | | | 5 |
| Messtechnik | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | | | | | | | | | 5 |
| Energietechnik | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | | | | | | | | | 5 |
| Kommunikationstechnik | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | | | | | 5 |
| Mikroprozessortechnik | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | 5 |
| St.- u. Automatisierungstechnik | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | 5 |
| Sprachen | | | | | | | | | 4 | | | 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 1 Wahlpflichtmodul 6. Semester | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | 5 |
| 2 Wahlpflichtmodule 7. Semester | | | | | | | | | | | | | | | | | | | | | | | | | 8 | | | 10 | | | | | 10 |
| Ingenieurpraktikum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | | | | 15 |
| Bachelorarbeit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | | | 12 |
| Kolloquium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | 3 |
| Summe SWS/ECTS | 26 30 | | | | 26 30 | | | | 25 30 | | | | 25 30 | | | | 12 25 | | | | 24 35 | | | | 12 30 | | | | 210 | | | | |

ANLAGE 1.3 : Stundentafel B.Eng. Wirtschaftsingenieurwesen Maschinenbau

| Pflichtmodule | 1. Sem. | | | | 2. Sem. | | | | 3. Sem. | | | | 4. Sem. | | | | 5. Sem. | | | | 6. Sem. | | | | 7. Sem. | | | | CP | | | | |
|---------------------------------|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|-----|--|--|--|----|
| | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | V | Ü | L | C | | | | | |
| Mathematik I/II | 4 | 1 | | 5 | 4 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Physik I/II | 2 | 1 | 1 | 5 | 2 | 1 | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Informatik I/II | | | | | | | | | 3 | | 1 | 5 | 2 | | 2 | 5 | | | | | | | | | | | | | | | | | 10 |
| Werkstoffkunde/Chemie | 4 | | 1 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Technische Mechanik I/II | 3 | 1 | | 5 | 4 | 1 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| Elektrotechnik I/II | | | | | 3 | 1 | | 5 | 2 | | 2 | 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| BWL I/II/III | 4 | | | 5 | 4 | | | 5 | 4 | | | 5 | | | | | | | | | | | | | | | | | | | | | 15 |
| Rechnungswesen I/II | | | | | | | | | 3 | 1 | | 5 | 3 | 1 | | 5 | | | | | | | | | | | | | | | | | 10 |
| Wirtschaftsrecht | 4 | | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| Bilanzierung | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | 5 |
| Finanzierung | | | | | | | | | | | | | | | | | 2 | | | 5 | 2 | | | 5 | | | | | | | | | 5 |
| Management | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | | | | | 5 |
| Controlling | | | | | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | 5 |
| Projektmanagem./Präsentationst. | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 5 | | | | | 5 |
| Logistik/Fabrikplanung | | | | | | | | | | | | | 4 | | 1 | 5 | | | | | | | | | | | | | | | | | 5 |
| Sprachen | | | | | | | | | | | | | | | | | 2 | | | | 2 | | | 5 | | | | | | | | | 5 |
| Konstruktion I/II | | | | | 2 | 1 | | 5 | 2 | 1 | 1 | 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| Fertigungstechnik I/II | | | | | | | | | 4 | | | 5 | 4 | | | 5 | | | | | | | | | | | | | | | | | 10 |
| Prozessgestaltung/Ergonomie | | | | | | | | | | | | | 4 | 1 | | 5 | | | | | | | | | | | | | | | | | 5 |
| Arbeitsvorbereitung | | | | | | | | | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | 5 |
| Automatisierungstechnik | | | | | | | | | | | | | | | | | 4 | | 1 | 5 | | | | | | | | | | | | | 5 |
| Werkstoffkunde | | | | | | | | | | | | | 3 | | 1 | 5 | | | | | | | | | | | | | | | | | 5 |
| Qualitätsmanagement | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | 5 |
| Werkzeugm./Techn. Investition | | | | | | | | | | | | | | | | | | | | | 3 | 1 | | 5 | | | | | | | | | 5 |
| 1 Wahlpflichtmodul 6. Semester | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | | | | | | | | | 5 |
| 1 Wahlpflichtmodul 7. Semester | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | | 5 | | | | | 5 |
| Ingenieurpraktikum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| Bachelorarbeit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 |
| Kolloquium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| Summe SWS/ECTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26 30 | | | | 25 30 | | | | 25 30 | | | | 26 30 | | | | 13 25 | | | | 24 35 | | | | 12 30 | | | | 210 | | | | |

ANLAGE 1.4: Studentafel B.Eng. Wirtschaftsingenieurwesen **Wahlpflichtmodule**

| Wahlpflichtmodule | 6. Sem. | | | | 7. Sem. | | | | CP |
|---|---------|---|---|---|---------|---|---|---|----|
| | V | Ü | L | C | V | Ü | L | C | |
| Schlüsselqualifikationen | | | | | | | | | 5 |
| Existenzgründung | | | | | | | | | 5 |
| Internationales Management | | | | | | | | | 5 |
| Technologiemarketing | | | | | | | | | 5 |
| Spezielle Probleme d. Mathematik | | | | | | | | | 5 |
| Konstruktion / CAD | | | | | | | | | 5 |
| Antriebstechnik für Fahrzeuge | | | | | | | | | 5 |
| Kunststofftechnik | | | | | | | | | 5 |
| Elektrische Antriebstechnik / Leistungselektronik | | | | | | | | | 5 |
| Elektrische Anlagen | | | | | | | | | 5 |
| Kommunikationssysteme | | | | | | | | | 5 |
| Bildverarbeitung | | | | | | | | | 5 |
| Elektromagnetische Veträglichkeit | | | | | | | | | 5 |
| Neuronale Netze | | | | | | | | | 5 |
| Umweltanalytik | | | | | | | | | 5 |

WAHLPFLICHTMODULE:

- Die angezeigten Wahlpflichtmodule können sowohl im 6. als auch im 7. Semester angeboten werden. Es werden einheitlich je Wahlpflichtmodul Lehrveranstaltungen im Umfang von 4 SWS mit einem „Workload“ von 5 CP durchgeführt.
Nähere Informationen zu Art und zeitlichen Anteilen der Lehrveranstaltungen sind den Modulbeschreibungen zu entnehmen.
- Mindestens 1 Wahlpflichtmodul ist jeweils im 6. und 7. Semester zu belegen. In allen Schwerpunkten des Studienganges Wirtschaftsingenieurwesen (Betrieblicher Umweltschutz, Elektrotechnik und Maschinenbau) können auch Wahlpflichtmodule aus den Bachelorstudiengängen der Fakultäten Elektrotechnik oder Maschinenbau anstelle der oben angegebenen Wahlpflichtmodule gewählt werden.