

Masterstudiengang Integrierte Produktentwicklung

Studienrichtung Produkt Engineering - über 4 Semester

| Studienrichtung Produkt Engineering | 1. Semester | | | | | | 2. Semester | | | | | | 3. Semester | | | | | | 4. Semester | | | | | |
|--|-------------|---|---|---|---|-----------|-------------|---|---|---|---|-----------|-------------|---|---|---|-----------|----|-------------|---|---|---|-----------|----|
| | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP |
| Entrepreneurship | 4 | | | 4 | | 5 | | | | | | | | | | | | | | | | | | |
| Entwicklungsmethodik | 6 | 2 | 2 | | 2 | 5 | | | | | | | | | | | | | | | | | | |
| Getriebelehre | 4 | 2 | 1 | | 1 | 5 | | | | | | | | | | | | | | | | | | |
| Höhere Mathematik | 4 | 2 | 2 | | | 5 | | | | | | | | | | | | | | | | | | |
| Höhere Technische Mechanik | 4 | 2 | 2 | | | 5 | | | | | | | | | | | | | | | | | | |
| Mechatronische Systementwicklung | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | | | | | | | |
| Betriebsfestigkeit | | | | | | | 4 | 2 | 2 | | | 5 | | | | | | | | | | | | |
| ERP / PPS-Systeme | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | |
| Kosten- und Investitionsrechnung | | | | | | | 4 | | | 4 | | 5 | | | | | | | | | | | | |
| Nichtlineare FEM | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | |
| Virtuelle Produktentwicklung | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | | | | | | | |
| Wahlpflichtkatalog 2 | | | | | | | 4 | | | | | 5 | | | | | | | | | | | | |
| Maschinendynamik | | | | | | | | | | | | | 4 | 2 | 2 | | | 5 | | | | | | |
| Leichtbau | | | | | | | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | |
| Wahlpflichtkatalog 2 | | | | | | | | | | | | | 4 | | | | | 5 | | | | | | |
| Wahlpflichtkatalog 2 | | | | | | | | | | | | | 4 | | | | | 5 | | | | | | |
| Projektarbeit 1 | | | | | | | | | | | | | | | | | 10 | | | | | | | |
| Masterarbeit | | | | | | | | | | | | | | | | | | | | | | | 27 | |
| Kolloquium | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| Summe | 26 | | | | | 30 | 24 | | | | | 30 | 16 | | | | 30 | | | | | | 30 | |

| Wahlpflichtkatalog 2 | 1. Semester | | | | | | 2. Semester | | | | | | 3. Semester | | | | | | | | | | |
|--|-------------|---|---|---|---|----|-------------|---|---|---|---|----|-------------|---|---|---|---|----|--|--|--|--|---|
| | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP | Σ | V | Ü | S | P | LP | | | | | |
| Fahrzeugsicherheit und Fahrzeugzulassung | | | | | | | 4 | 2 | 1 | | 1 | 5 | | | | | | | | | | | |
| Operations Research | | | | | | | 4 | 2 | 2 | | | 5 | | | | | | | | | | | |
| Personalführung | | | | | | | 4 | 2 | 2 | | | 5 | | | | | | | | | | | |
| Powertrain Components & Systems | | | | | | | 4 | 2 | 2 | | | 5 | | | | | | | | | | | |
| Vernetzte Automatisierung | | | | | | | 4 | 2 | | | 2 | 5 | | | | | | | | | | | |
| Projektarbeit 2 | | | | | | | | | | | | 5 | | | | | | | | | | | 5 |
| Fahrzeugelektrik & -elektronik | | | | | | | | | | | | | 4 | 2 | 2 | | | 5 | | | | | |
| Fahrzeugtechnisches Seminar | | | | | | | | | | | | | 4 | | | 4 | | 5 | | | | | |
| Fertigungsprozessplanung | | | | | | | | | | | | | 4 | 2 | | | 2 | 5 | | | | | |
| Produkthaftung | | | | | | | | | | | | | 4 | | | 4 | | 5 | | | | | |
| Unternehmensanalyse | | | | | | | | | | | | | 4 | | | 4 | | 5 | | | | | |