

**Studienverlaufsplan:**

**Dualer Bachelorstudiengang Technische Orthopädie  
Studierende, die ihr Studium zum WS 16/17 aufgenommen haben**

**Abkürzungen**

SWS = Semesterwochenstunde  
CP = Leistungspunkte

V = Vorlesung  
SU = Seminaristischer Unterricht  
Ü = Übung  
P = Praktikum

PE = Prüfungsleistung  
MP = Modulprüfung  
TP 1 = Teilprüfung 1 der Modulprüfung  
TP 2 = Teilprüfung 2 der Modulprüfung

| Stand: 23.08.2018                           | 1. Semester                  |    |   |   | 2. Semester |    |   |   | 3. Semester |    |    |    | 4. Semester |    |    |     | 5. Semester |    |    |    | 6. Semester |    |    |    | 7. Semester |    |    |     | 8. Semester |    |   |   |   |    |    |    |  |  |   |   |
|---|------------------------------|----|---|---|-------------|----|---|---|-------------|----|----|----|-------------|----|----|-----|-------------|----|----|----|-------------|----|----|----|-------------|----|----|-----|-------------|----|---|---|---|----|----|----|--|--|---|---|
|   | V                            | SU | Ü | P | V           | SU | Ü | P | V           | SU | Ü  | P  | V           | SU | Ü  | P   | V           | SU | Ü  | P  | V           | SU | Ü  | P  | V           | SU | Ü  | P   | V           | SU | Ü | P | V | SU | Ü  | P  |  |  |   |   |
| <b>Form der Lehrveranstaltung</b>           |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| <b>Summen</b>                               |                              |    | 3 |   |             |    | 5 |   |             |    | 18 | 6  |             |    | 28 | 4   |             |    | 14 | 1  |             |    | 27 | 6  |             |    | 13 | 1   |             |    | 8 | 1 |   |    | 25 | 5  |  |  | 8 | 5 |
| <b>Summen SWS</b>                           | 3                            |    |   |   | 5           |    |   |   | 24          |    |    |    | 26          |    |    |     | 24          |    |    |    | 30          |    |    |    | 23          |    |    |     | 9           |    |   |   |   |    |    |    |  |  |   |   |
| <b>Modul / Fach</b>                         | <b>Grundlagenmodule</b>      |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Werkstoff- und Fertigungstechnik            |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| <i>Werkstofftechnik</i>                     |                              |    | 1 | 1 |             |    |   |   |             |    | 2  |    |             |    | 2  |     |             |    | 2  |    |             |    | 1  | 3  | TP          |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| <i>Fertigungstechnik</i>                    |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Einf. in das wiss. Arbeiten                 |                              |    |   |   | 1           | 2  | 1 | 1 |             |    | 5  | MP |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Humanbiologie                               |                              |    |   |   |             |    |   |   |             |    | 3  | 1  |             |    | 6  | MP  |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Grundlagen der BWL                          |                              |    |   |   |             |    | 1 |   |             |    | 2  | 1  |             |    | 5  | MP  |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Technische Mechanik                         |                              |    |   |   |             |    |   |   |             |    |    |    |             |    | 4  | 2   |             |    | 6  | MP |             |    | 4  | 2  |             |    | 6  | MP  |             |    |   |   |   |    |    |    |  |  |   |   |
| Mathematik                                  |                              |    |   |   |             |    |   |   |             |    | 4  | 2  |             |    | 6  | TP1 |             |    | 4  | 2  |             |    | 4  | 2  |             |    | 6  | TP2 |             |    |   |   |   |    |    |    |  |  |   |   |
| Physik                                      |                              |    |   |   |             |    |   |   |             |    | 3  | 2  |             |    | 5  |     |             |    | 3  | 2  |             |    | 2  | 2  |             |    | 7  | MP  |             |    |   |   |   |    |    |    |  |  |   |   |
| Informatik                                  |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    | 2  |    |             |    | 2  | 5  |             |    | 2  |     |             |    | 2 | 5 |   |    | MP |    |  |  |   |   |
| Elektrotechnik                              |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    | 4  |    |             |    | 1  | 2  |             |    | 9  | MP  |             |    |   |   |   |    |    |    |  |  |   |   |
|   | <b>Profilbildende Module</b> |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Konstruktionstechnik / CAD                  |                              |    | 1 | 1 |             |    |   |   |             |    |    |    |             |    | 1  | 1   |             |    | 2  |    |             |    | 1  |    |             |    | 2  | 3   |             |    | 3 |   |   |    | 2  |    |  |  |   |   |
| Technische Biomechanik                      |                              |    | 1 | 1 |             |    |   | 1 |             |    | 1  |    |             |    | 2  |     |             |    | 1  |    |             |    | 4  |    |             |    | 2  |     |             |    | 1 |   |   |    | 4  | MP |  |  |   |   |
| Wahlpflicht (je nach Bedarf, siehe unten) * |                              |    |   |   |             |    |   |   |             |    | 4  |    |             |    | 4  | MP  |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Klinische Fachkunde                         |                              |    |   |   |             |    |   |   |             |    |    |    |             |    | 1  | 1   |             |    | 2  | 5  |             |    | MP |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Messtechnik                                 |                              |    |   |   |             |    |   |   |             |    |    |    |             |    | 3  |     |             |    | 1  |    |             |    | 5  | MP |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Rehatechnik                                 |                              |    |   |   |             |    |   |   |             |    | 1  | 1  |             |    | 2  | 5   |             |    | MP |    |             |    |    |    |             | 1  | 1  |     |             | 3  | 5 |   |   | MP |    |    |  |  |   |   |
| Orthopädeschuhtechnik                       |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Klinische Biomechanik                       |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Messtechnik TO                              |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Orthopädische Pathologie                    |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Medizinprodukterecht TO                     |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Konzeptentwicklung TO                       |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Bachelorthesis                              |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |
| Kolloquium                                  |                              |    |   |   |             |    |   |   |             |    |    |    |             |    |    |     |             |    |    |    |             |    |    |    |             |    |    |     |             |    |   |   |   |    |    |    |  |  |   |   |

SWS 131  
CP 180

| Wahlpflicht  | Studiensemester | V | SU | Ü | P | CP | PE |
|--|-----------------|---|----|---|---|----|----|
| Bei der Belegung von Werkstofftechnik sind im Wahlpflichtbereich mindestens 11 CP zu erlangen. |                 |   |    |   |   |    |    |
| Chemie   | 4.              | 3 |    | 1 | 1 | 5  | MP |
| Biosignale   | 4.              | 2 |    | 1 | 1 | 5  | MP |
| Unternehmensplanspiel TOPSIM   | 1. - 4.         | 1 |    |   | 3 | 4  | MP |
| Grundlagen Projektmanagement   | 1. - 4.         | 2 |    | 2 |   | 4  | MP |
| Humanressourcen-Management   | 1. - 4.         | 2 |    | 2 |   | 5  | MP |
| Operations Management  | 1. - 4.         | 2 |    | 2 |   | 4  | MP |
| Patente und Innovationen   | 1. - 4.         | 2 |    | 2 |   | 5  | MP |
| Marktforschung   | 1. - 4.         | 2 |    | 2 |   | 5  | MP |
| Technisches Englisch   | 1. - 4.         | 2 |    | 2 |   | 5  | MP |

Die Wahlpflichtmodule können je nach Verfügbarkeit gewählt werden.  
\* Die Leistungspunkte richten sich nach den gewählten Modulen