

| Semester 1                             | Modulcode | ECTS | SWS | PL (a,ub) | Semester 2                                | Modulcode | ECTS | SWS | PL (a,ub) | Semester 3                                 | Modulcode | ECTS | SWS | PL (a,ub) | Semester 4                 | Modulcode | ECTS | SWS | PL (a,ub) | Semester 5                    | Modulcode           | ECTS    | SWS                                    | PL (a,ub) | Semester 6                               | Modulcode                                       | ECTS    | SWS | PL (a,ub) |    |  |  |  |  |     |  |  |  |
|--|-----------|------|-----|-----------|---|-----------|------|-----|-----------|--|-----------|------|-----|-----------|----------------------------|-----------|------|-----|-----------|-------------------------------|---------------------|---------|--|-----------|--|---|---------|-----|-----------|----|--|--|--|--|-----|--|--|--|
| <b>Kernmodule</b>                      |           |      |     |           |   |           |      |     |           |  |           |      |     |           |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     |  |  |  |
| Konstruktion                           | T3MB1001  | 5    | 5   | 1,0       | Konstruktion II                           | T3MB1008  | 5    | 5   | 1,0       |  |           |      |     |           |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     |  |  |  |
| Fertigungstechnik                      | T3MB1002  |      | 3   |           | Fertigungstechnik                         | T3MB1002  | 5    | 3   | 1,0       |  |           |      |     |           |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     |  |  |  |
| Werkstoffe                             | T3MB1003  |      | 3   |           | Werkstoffe                                | T3MB1003  | 5    | 3   | 1,0       |  |           |      |     |           |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     |  |  |  |
| Technische Mechanik + Festigkeitslehre | T3MB1004  | 5    | 6   | 1,0       | Technische Mechanik + Festigkeitslehre II | T3MB1009  | 5    | 6   | 1,0       | Technische Mechanik + Festigkeitslehre III | T3MB2001  | 5    | 6   | 1,0       |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     |  |  |  |
| Mathematik                             | T3MB1005  | 5    | 5   | 1,0       | Mathematik II                             | T3MB1010  | 5    | 5   | 1,0       | Mathematik III                             | T3MB2003  | 5    | 5   | 1,0       |                            |           |      |     |           |                               | große Studienarbeit |         |  | 1         |  | T3_3101   | 10      |     | 1         |    |  |  |  |  |     |  |  |  |
| Informatik                             | T3MB1006  |      | 3   |           | Informatik                                | T3MB1006  | 5    | 3   | 1,0       | Thermodynamik                              | T3MB2002  |      | 3   | 0,1       | Thermodynamik              | T3MB2002  | 5    | 3   | 1,0       |                               | Studienarbeit I     | T3_3100 | 5                                      | 1         | 1,0                                      | Studienarbeit II                                | T3_3200 | 5   |           | 1  |  |  |  |  |     |  |  |  |
| Elektrotechnik                         | T3MB1007  | 5    | 5   | 1,0       |   |           |      |     |           |  |           |      |     |           |                            |           |      |     |           |                               | Studienarbeit I     | T3_3100 | 5                                      | 1         | 1,0                                      | Wahlfach (Festlegung durch Studiengangsleitung) |         |     |           | 5  |  | 1                                      |  |  |     |  |  |  |
| Praxis I                               |           |      |     |           |   | T3_1000   | 20   |     | 0,1       | Praxis II                                  |           |      |     |           |                            | T3_2000   | 20   |     | 2,1       | Praxis III                    | T3_3000             | 8       |  | 0,2       | Bachelorarbeit                           | T3_3300   | 12      |     |           |    |  |  |  |  |     | 1,0  |  |  |
| Wissenschaftliches Arbeiten            |           |      |     |           |   |           |      | 2   |           | Wissenschaftliches Arbeiten                |           |      |     |           |                            |           | 2    |     |           | Wissenschaftliches Arbeiten   |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     | 2  |  |  |
| Zwischensumme/ Semester                |           | 20   | 30  | 4,0       |   |           | 50   | 27  | 6,1       |  |           | 10   | 14  | 2,1       |                            |           | 25   | 5   | 3,1       |                               |                     |         | 8 <sup>1)</sup> / 13 <sup>2),3)</sup>  | 1         | 0,2 <sup>1)</sup> / 1,2 <sup>2),3)</sup> |   |         |     |           |    | 17 <sup>2),3)</sup> / 22 <sup>1)</sup> |  | 3 <sup>1),2)</sup> / 7 <sup>3)</sup>   |  | 2,0 |  |  |  |
| Zwischensumme/ Jahr                    |           |      |     |           | Studienjahr 1:                            |           | 70   |     |           |  |           |      |     |           | Studienjahr 2:             |           | 35   |     |           |                               |                     |         |  |           |  | Studienjahr 3:                                  |         |     |           |    | 30                                     |  |  |  |     |  |  |  |
| <b>Allgemeine Profilmodule</b>         |           |      |     |           |   |           |      |     |           |  |           |      |     |           |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     |  |  |  |
|  |           |      |     |           |   |           |      |     |           | Fluidmechanik                              | T3MB2701  | 5    | 5   | 1,0       | Heizungs- und Klimatechnik | T3MB2402  | 5    | 5   | 1,0       | Wasser-/Abwassersysteme       | T3MB3401            | 5       | 5                                      | 1,0       | Energiemanagement                        | T3MB3403  | 5       |     | 5         |    |  |  |  |  |     |  |  |  |
|  |           |      |     |           |   |           |      |     |           |  |           |      |     |           | Bautechnische Grundlagen   | T3MB2403  | 5    | 5   | 1,0       | Heizungs- und Klimatechnik II | T3MB3402            | 5       | 5                                      | 1,0       | Heizungs- und Klimatechnik III           | T3MB3404  | 5       |     | 5         |    |  |  |  |  |     |  |  |  |
| <b>Wahlmodule</b>                      |           |      |     |           |   |           |      |     |           |  |           |      |     |           |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  |  |  |  |     |  |  |  |
|  |           |      |     |           |   |           |      |     |           | Messtechnik + Statistik                    | T3MB9067  | 5    | 5   | 1,0       | Verfahrenstechnik          | T3MB9002  | 5    | 5   | 1,0       | Entsorgungstechnik            | T3MB9095            | 5       | 5                                      | 1,0       | Planungsübungen                          | T3MB9096  | 5       |     | 5         |    |  |  |  |  |     |  |  |  |
|  |           |      |     |           |   |           |      |     |           | Managementsysteme                          | T3MB9141  | 5    | 5   | 1,0       | Kostenrechnung und Recht   | T3MB9094  | 5    | 5   | 1,0       | Regelungstechnik              | T3MB3103            | 5       | 5                                      | 1,0       | Regenerative Energietechniken            | T3MB9127  | 5       |     | 5         |    |  |  |  |  |     |  |  |  |
| Ges.summe/Sem.                         |           | 20   | 30  | 4,0       |   |           | 50   | 27  | 6,1       |  |           | 25   | 29  | 5,1       |                            |           | 45   | 25  | 7,1       |                               |                     |         | 28 <sup>1)</sup> / 33 <sup>2),3)</sup> | 21        | 4,2 <sup>1)</sup> / 5,2 <sup>2),3)</sup> |   |         |     |           |    | 37 <sup>2),3)</sup> / 42 <sup>1)</sup> |  | 23 <sup>1),2)</sup> / 27 <sup>3)</sup> |  | 6   |  |  |  |
| Ges.summe/Jahr                         |           |      |     |           | Studienjahr 1:                            |           | 70   | 57  | 10,1      |  |           |      |     |           | Studienjahr 2:             |           | 70   | 54  | 12,2      |                               |                     |         |  |           | Studienjahr 3:                           |   |         |     |           | 70 |  | 43 <sup>1),2)</sup> / 47 <sup>3)</sup> |  | 10,2 <sup>1)</sup> / 11,2 <sup>2),3)</sup> |     |  |  |  |
| Gesamtsumme                            |           |      |     |           |   |           |      |     |           |  |           |      |     |           |                            |           |      |     |           |                               |                     |         |  |           |  |   |         |     |           |    |  | 210                                    |  | 154 <sup>1),2)</sup> / 158 <sup>3)</sup>   |     | 32,5 <sup>1)</sup> / 33,5 <sup>2),3)</sup> |  |  |

ECTS = European Credit Transfer System  
 PL = Prüfungsleistungen  
 SWS = Semesterwochenstunden

(b = benotet, ub = unbenotet)

- 1) Erarbeitung der großen Studienarbeit T3MB3101
- 2) Erarbeitung der Studienarbeit I T3MB3100 und Studienarbeit II T3MB3200
- 3) Erarbeitung der Studienarbeit I T3MB3100 und Wahlfach