

| Modul-Nr. |       | Modul   |  | Aufwand pro Semester |     |      |       |     |       |       | Prüfung |       |      |       |     |      | Einordnung |       |     |       |     |     |      |            |            |            |                    |                  |  |
|-----------|-------|---|--|----------------------|-----|------|-------|-----|-------|-------|---------|-------|------|-------|-----|------|------------|-------|-----|-------|-----|-----|------|------------|------------|------------|--------------------|------------------|--|
|           |       |   |  | ECTS pro Sem.        |     |      | Fq.   | SWS | Hfgk. | WS    | KoZ     | EiZ   | Anw. | Vorl. | Art | Ben. | Vers.      | Dauer | OA. | Vert. | WB. | LF. | Mit. | Sprache    |            | Fachgebiet | Curricularer Bezug |                  |  |
|           |       |   |  | 1.                   | 2.  | 3.   | [min] | [h] | [h]   | [min] | V.      | M.    |      |       |     |      |            |       |     |       |     |     |      |            |            |            |                    |                  |  |
| M003      |       | Algorithmics  |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       | iw  |     |      | Informatik |            |            |                    |                  |  |
|           | M003a | Algorithmics  |  | 5.0                  |     |      | S     | 4   | 12    | 150.0 | 30.0    | 120.0 | N    |       |     | KM   | J          | 3     | 120 | J     |     |     | VU   | iw         | EN         | EN         |                    |                  |  |
| M005      |       | Funktionale Programmierung                                  |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     | si  |      |            | Informatik |            |                    |                  |  |
|           | M005a | Funktionale Programmierung                                  |  | 2.0                  |     |      | S     | 2   | 12    | 75.0  | 15.0    | 45.0  | N    |       |     | KM   | J          | 3     | 30  | J     |     |     | V    | si         | DE         | DE         |                    |                  |  |
|           | M005b | Übg. Funktionale Programmierung                             |  | 3.0                  |     |      | S     | 2   | 12    | 75.0  | 15.0    | 75.0  | J    |       |     | AB   | N          | o. B. |     | N     |     |     | U    | si         | DE         | DE         |                    |                  |  |
| M006      |       | Learning & Softcomputing                                    |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     | uh  |      |            | Informatik |            |                    |                  |  |
|           | M006a | Learning & Softcomputing                                    |  | 5.0                  |     |      | S     | 4   | 12    | 150.0 | 30.0    | 120.0 | J    |       |     | AS   | J          | 3     |     | N     |     |     | di   | uh         | DE         | DE         |                    |                  |  |
| M023      |       | Seminar (Master)  |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     | Doz  |            |            | Informatik |                    |                  |  |
|           | M023a | Seminar (Master)  |  | 5.0                  |     |      | E     | 2   | 12    | 75.0  | 15.0    | 135.0 | J    |       |     | SA   | J          | 3     |     | N     |     |     | S    | Doz        | DE         | DE         |                    |                  |  |
| M009      |       | Workshop Cryptography                                       |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     | gb   |            |            | Informatik |                    |                  |  |
|           | M009a | Workshop Cryptography                                       |  | 5.0                  |     |      | S     | 4   | 12    | 150.0 | 30.0    | 120.0 | J    |       |     | U    | J          | 3     |     | N     |     |     | W    | gb         | EN         | EN         |                    |                  |  |
| M018      |       | Robotics  |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     | uh   |            |            | Technik    |                    |                  |  |
|           | M018a | Robotics  |  | 5.0                  |     |      | S     | 4   | 12    | 150.0 | 30.0    | 120.0 | J    |       |     | AS   | J          | 3     |     | N     |     |     | di   | uh         | EN         | EN         |                    |                  |  |
| M062      |       | Praktikum Virtuelle Realität und Simulation                 |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      | bo         |            |            | Integrationsfach   |                  |  |
|           | M062a | Prakt. Virtuelle Realität und Simulation                    |  | 5.0                  |     |      | S     | 5   | 12    | 187.5 | 37.5    | 112.5 | J    |       |     | AB   | J          | 3     |     | N     |     |     | U    | bo         | DE         | DE         |                    |                  |  |
| M010      |       | Aktuelle Entwicklungen in der Informatik                    |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      | uh         |            |            | Informatik         |                  |  |
|           | M010a | Workshop Aktuelle Entwicklungen in der Informatik           |  | 5.0                  |     |      | S     | 4   | 12    | 150.0 | 30.0    | 120.0 | J    |       |     | U    | J          | 3     |     | N     |     |     | W    | fhu        | DE         | DE         |                    |                  |  |
| M029      |       | Berechenbarkeit und Verifikation                            |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      | iw         |            |            | Informatik         |                  |  |
|           | M029a |   | Berechenbarkeit und Komplexität        |                      | 2.5 |      |       | W   | 3     | 12    | 112.5   | 22.5  | 52.5 | N     |     |      | KM         | J     | 3   | 60    | J   |     |      | V          | iw         | DE(EN)     | DE/EN              |                  |  |
|           | M029a |   | Formale Spezifikation und Verifikation |                      | 2.5 |      |       | W   | 3     | 12    | 112.5   | 22.5  | 52.5 | N     |     |      |            |       |     |       |     |     |      | VU         | uh         | DE(EN)     | DE/EN              |                  |  |
| M027      |       | Datenbanken 3   |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      | mpr        |            |            | Informatik         |                  |  |
|           | M027a | Konzepte der Datenbanktechnologie                           |  | 3.0                  |     |      | W     | 2   | 12    | 75.0  | 15.0    | 75.0  | N    |       |     | KM   | J          | 3     | 60  | J     |     |     | V    | mpr        | DE         | DE         |                    |                  |  |
|           | M027b | Übg. Konzepte der Datenbanktechnologie                      |  | 2.0                  |     |      | W     | 2   | 12    | 75.0  | 15.0    | 45.0  | J    |       |     | AB   | N          | o. B. |     | N     |     |     | U    | mpr        | DE         | DE         |                    |                  |  |
| M035      |       | Distributed Systems   |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      | uh         |            |            | Informatik         |                  |  |
|           | M035a | Distributed Systems   |  | 3.0                  |     |      | W     | 2   | 12    | 75.0  | 15.0    | 75.0  | N    |       |     | KM   | J          | 3     | 90  | J     |     |     | V    | uh         | EN         | EN         |                    |                  |  |
|           | M035b | Tutorial: Distributed Systems                               |  | 2.0                  |     |      | W     | 2   | 12    | 75.0  | 15.0    | 45.0  | J    |       |     | AB   | N          | o. B. |     | N     |     |     | U    | uh         | EN         | EN         |                    |                  |  |
| M033      |       | Künstliche Intelligenz                                      |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      | gb         |            |            | Informatik         |                  |  |
|           | M033a | Methoden der Künstlichen Intelligenz                        |  | 5.0                  |     |      | W     | 4   | 12    | 150.0 | 30.0    | 120.0 | N    |       |     | KM   | J          | 3     | 90  | J     |     |     | VU   | gb         | DE(EN)     | EN         |                    |                  |  |
| M048      |       | Projekt   |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      | Doz        |            |            | Informatik         |                  |  |
|           | M048a | Projekt   |  | 5.0                  |     |      | E     | 0   | 12    | 0.0   | 0.0     | 150.0 | J    |       |     | SA   | J          | 3     |     | N     |     |     | PR   | Doz        | DE         | DE         |                    |                  |  |
| M042      |       | Digitale Kommunikationssysteme und Reconfigurable Computing |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      |            | saw        |            |                    | Technik          |  |
|           | M042a | Digitale Kommunikationssysteme                              |  | 1.0                  |     |      | W     | 2   | 12    | 75.0  | 15.0    | 15.0  | N    |       |     | MP   | J          | 3     | 30  | J     |     |     | V    | saw        | DE         | DE         |                    |                  |  |
|           | M042b |   | Prakt. Reconfigurable Computing        |                      | 3.0 |      |       | W   | 2     | 12    | 75.0    | 15.0  | 75.0 | J     |     |      | MP         | J     | 3   | 60    | N   |     |      | P          | saw        | DE         | DE                 |                  |  |
|           | M042b |   | Reconfigurable Computing               |                      | 1.0 |      |       | W   | 2     | 12    | 75.0    | 15.0  | 15.0 | N     |     |      |            |       |     |       |     |     |      | V          | saw        | DE         | DE                 |                  |  |
| M044      |       | Fotorealismus und Simulation                                |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      |            | bo         |            |                    | Integrationsfach |  |
|           | M044a |   | Fotorealismus und Simulation           |                      | 2.0 |      |       | W   | 2     | 12    | 75.0    | 15.0  | 45.0 | N     |     |      | MP         | J     | 3   | 115   | J   |     |      | V          | bo         | DE         | DE                 |                  |  |
|           | M044a |   | Visualisierung                         |                      | 3.0 |      |       | W   | 2     | 12    | 75.0    | 15.0  | 75.0 | N     |     |      |            |       |     |       |     |     |      | V          | bo         | DE         | DE                 |                  |  |
| M162      |       | Moderne Software-Architekturen                              |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      |            | uh         |            |                    | Informatik       |  |
|           | M162a | Moderne Software-Architekturen                              |  | 5.0                  |     |      | W     | 4   | 12    | 150.0 | 30.0    | 120.0 | N    |       |     | AS   | J          | 3     |     | N     |     |     | V    | uh         | DE         | DE         |                    |                  |  |
| M050      |       | Master-Thesis   |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      |            | Doz        |            |                    | Informatik       |  |
|           | M050a | Master-Thesis   |  |                      |     | 28.0 | E     | 0   | 12    | 0.0   | 0.0     | 840.0 | N    |       |     | SA   | J          | 2     |     | N     |     |     |      | TS         | Doz        | DE         | DE                 |                  |  |
| M058      |       | Master-Kolloquium   |  |                      |     |      |       |     |       |       |         |       |      |       |     |      |            |       |     |       |     |     |      |            | Doz        |            |                    | Informatik       |  |
|           | M058a | Kolloquium  |  |                      |     | 2.0  | E     | 0   | 12    | 0.0   | 0.0     | 60.0  | N    | M050a | KO  | J    | 2          | 60    | N   |       |     |     |      | K          | div        | DE         | DE                 |                  |  |