

## Curriculum Master of Informatics

| 1. Semester and 2. Semester     | ECTS-Points | 3. Semester   | ECTS-Points |
|---------------------------------|-------------|---------------|-------------|
| Modules from core area          | 40          | Master Thesis | 30          |
| Additional modules <sup>1</sup> | 5           |               |             |
| Practical Study Project         | 10          |               |             |
| Seminar                         | 5           |               |             |

1) All modules from the Master of Informatics program are admitted. The examination board may allow other modules.

### Modules – Core Area Applied Informatics

| Module ID | Module                          | Obligatory | Semester | ECTS | Exam                         | Duration<br>Scope      |
|-----------|---------------------------------|------------|----------|------|------------------------------|------------------------|
| IM100     | Methodology of Applied Sciences | Yes        | SS       | 5    | Ausarb                       | 10-40 pages            |
| IM230     | Image Understanding             | No         | WS       | 5    | Ausarb                       | 10-40 pages            |
| IM250     | Robotics                        | No         | SS       | 5    | Klausur                      | 90 min.                |
| IM260     | IoT Practical Project           | No         | WS/SS    | 5    | portP(Ausarb,<br>Vortrag.sb) | 10-40 pages<br>20 min. |
| IM280     | Hardware-Software-Codesign      | No         | WS       | 5    | Klausur                      | 90 min.                |
| IM411     | Web Security                    | Yes        | SS       | 5    | Klausur                      | 90 min.                |
| IM420     | Advanced Database Systems       | No         | WS       | 5    | Klausur                      | 90 min.                |
| IM440     | Software Quality                | Yes        | SS       | 5    | Klausur                      | 90 min.                |

| Module ID | Module                               | Obligatory | Semester | ECTS | Exam                      | Duration Scope         |
|-----------|--------------------------------------|------------|----------|------|---------------------------|------------------------|
| IM430     | Computer Algebra                     | No         | WS       | 5    | MdIPr                     | 20 min.                |
| IM450     | Mixed Reality                        | No         | WS       | 5    | portP(Ausarb,<br>MdIPr)   | 10-40 pages<br>20 min. |
| IM460     | Advanced Topics in Art. Intelligence | No         | SS       | 5    | portP(Ausarb,<br>MdIPr)   | 10-40 pages<br>20 min. |
| IM940     | Mobile Computing                     | Yes        | WS       | 5    | portP(Ausarb,<br>Klausur) | 10-40 pages<br>90 min. |

### Other admitted Modules

| Modul-Nr. | Modul                           | Obligatory | Semester | ECTS | Exam                                    | Duration Scope |
|-----------|---------------------------------|------------|----------|------|---|----------------|
| SE20      | Concepts of Systems Engineering | No         | SS       | 5    | Klausur                                 | 90 min.        |
| SEW45     | Creative Strategies             | No         | SS       | 5    | portP (prakP.sb,<br>Votr.sb,<br>Ausarb) |                |
|           | Alle Module des MA-WIF          |            |          |      |   |                |

Auf der Fakultätsseite <https://www.haw-landshut.de/hochschule/fakultaeten/informatik/infos-zum-laufenden-studienbetrieb.html> findet sich das Modulwahlformular mit der Angabe der angebotenen Module.