

# Zuordnung der Wahlpflichtmodule im M.Sc. Informatik

|   |                            | Wintersemester   | Sommersemester |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|---|----------------------------|--|----------------|---------------------|----------|--------------|---|-------------|----------------------------|----------|--|------------|----------------------|----------|-------------------------|------------|------------|----------|-----------|---------------|----------|----------|-------------|-----------|----------|----------|--|-------------|------------|--------------------|--------------------|-----------|-----------|----------|----------|-----------|-------------|----------|--------------|-----------|------------|----------|----------|--|------------|--|----------|
| <b>Allgemeine Wahlpflicht (3x9 LP)</b>  | <b>Theorie (1x9 LP)</b>    | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>ALG</b></td> <td style="text-align: center;"><b>ARA</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich </td> </tr> </table>  | <b>ALG</b>     | <b>ARA</b>          | jährlich | jährlich     | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>MDAE</b></td> <td style="text-align: center;"><b>ML</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich </td> </tr> </table> | <b>MDAE</b> | <b>ML</b>                  | jährlich | jährlich   |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | <b>ALG</b>                 | <b>ARA</b>   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>MDAE</b>   | <b>ML</b>                  |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
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| <b>KM</b>   | <b>SbD</b>                 |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>STSP</b>   |                            |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  |                            |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>DIS</b>  | <b>EMSE</b>                |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>IGD</b>  | <b>MvS</b>                 |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>NetSec</b>   |                            |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  |                            |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| Das als „Wahlpflicht Theorie“ belegte Modul steht im allgemeinen Wahlpflichtbereich nicht mehr zur Verfügung. |                            |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>Vertiefung (3x6 LP)</b>  |                            | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>BAI</b></td> <td style="text-align: center;"><b>BKIM</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">unregelmäßig</td> </tr> <tr> <td style="text-align: center;"><b>CV1</b></td> <td style="text-align: center;"><b>DSM</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich</td> </tr> <tr> <td style="text-align: center;"><b>IR</b></td> <td style="text-align: center;"><b>NLP</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich </td> </tr> <tr> <td style="text-align: center;"><b>OML</b></td> <td style="text-align: center;"><b>PbD</b></td> </tr> <tr> <td style="text-align: center;">jährlich</td> <td style="text-align: center;">jährlich </td> </tr> <tr> <td style="text-align: center;"><b>RN</b></td> <td style="text-align: center;"><b>SWA</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich </td> </tr> <tr> <td style="text-align: center;"><b>UIST</b></td> <td style="text-align: center;"><b>WV</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich</td> </tr> </table> | <b>BAI</b>     | <b>BKIM</b>         | jährlich | unregelmäßig | <b>CV1</b>  | <b>DSM</b>  | jährlich                   | jährlich | <b>IR</b>  | <b>NLP</b> | jährlich             | jährlich | <b>OML</b>              | <b>PbD</b> | jährlich   | jährlich | <b>RN</b> | <b>SWA</b>    | jährlich | jährlich | <b>UIST</b> | <b>WV</b> | jährlich | jährlich | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>CSCW</b></td> <td style="text-align: center;"><b>CV2</b></td> </tr> <tr> <td style="text-align: center;">mind. zweijährlich </td> <td style="text-align: center;">mind. zweijährlich</td> </tr> <tr> <td style="text-align: center;"><b>DE</b></td> <td style="text-align: center;"><b>LT</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich </td> </tr> <tr> <td style="text-align: center;"><b>NN</b></td> <td style="text-align: center;"><b>QASA</b></td> </tr> <tr> <td style="text-align: center;">jährlich</td> <td style="text-align: center;">unregelmäßig </td> </tr> <tr> <td style="text-align: center;"><b>RT</b></td> <td style="text-align: center;"><b>SMT</b></td> </tr> <tr> <td style="text-align: center;">jährlich </td> <td style="text-align: center;">jährlich </td> </tr> <tr> <td></td> <td style="text-align: center;"><b>SSV</b></td> </tr> <tr> <td></td> <td style="text-align: center;">jährlich </td> </tr> </table> | <b>CSCW</b> | <b>CV2</b> | mind. zweijährlich | mind. zweijährlich | <b>DE</b> | <b>LT</b> | jährlich | jährlich | <b>NN</b> | <b>QASA</b> | jährlich | unregelmäßig | <b>RT</b> | <b>SMT</b> | jährlich | jährlich |  | <b>SSV</b> |  | jährlich |
|   | <b>BAI</b>                 | <b>BKIM</b>  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | jährlich                   | unregelmäßig   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | <b>CV1</b>                 | <b>DSM</b>   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | jährlich                   | jährlich   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | <b>IR</b>                  | <b>NLP</b>   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | jährlich                   | jährlich   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | <b>OML</b>                 | <b>PbD</b>   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | jährlich                   | jährlich   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | <b>RN</b>                  | <b>SWA</b>   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | jährlich                   | jährlich   |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | <b>UIST</b>                | <b>WV</b>  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>CSCW</b>   | <b>CV2</b>                 |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| mind. zweijährlich  | mind. zweijährlich         |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>DE</b>   | <b>LT</b>                  |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>NN</b>   | <b>QASA</b>                |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | unregelmäßig               |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>RT</b>   | <b>SMT</b>                 |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| jährlich  | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | <b>SSV</b>                 |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | jährlich                   |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   |                            | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;"><b>Schwerpunkte</b></th> </tr> <tr> <td style="text-align: center;"></td> <td>Data Science</td> </tr> <tr> <td style="text-align: center;"></td> <td>Human-Computer Interaction</td> </tr> <tr> <td style="text-align: center;"></td> <td>IT-Security</td> </tr> <tr> <td style="text-align: center;"></td> <td>Software-Engineering</td> </tr> <tr> <td style="text-align: center;"></td> <td>Theoretische Informatik</td> </tr> </table>   |                | <b>Schwerpunkte</b> |          |              | Data Science  |             | Human-Computer Interaction |          | IT-Security  |            | Software-Engineering |          | Theoretische Informatik |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
| <b>Schwerpunkte</b>   |                            |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | Data Science               |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | Human-Computer Interaction |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | IT-Security                |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | Software-Engineering       |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |
|   | Theoretische Informatik    |  |                |                     |          |              |   |             |                            |          |  |            |                      |          |                         |            |            |          |           |               |          |          |             |           |          |          |  |             |            |                    |                    |           |           |          |          |           |             |          |              |           |            |          |          |  |            |  |          |