



**Modules Media Informatics**  
(see Curriculum §3a)

|             |  |
|-------------|--|
| Matr.-nr.:  |  |
| First name: |  |
| Last name:  |  |
| E-Mail:     |  |

| Gatekeepers passed in the bachelor programme |                 |
|--|-----------------|
| Foundations of Computer Graphics (GFX)       | GFX alternative |
| Name and ECTS of alternative:                |                 |
| Foundations of Data Analysis (FDA)           | FDA alternative |
| Name and ECTS of alternative:                |                 |
| Distributed Systems Engineering (DSE)        | DSE alternative |
| Name and ECTS of alternative:                |                 |
| Signal and Image Processing (SIP)            | SIP alternative |
| Name and ECTS of alternative:                |                 |

| Modules                        |  |        |
|--------------------------------|--|--------|
| 2.5 Computer Graphics (6 ECTS) | Foundations of Computer Graphics       | GFX    |
|                                | Image Synthesis                        | IMS    |
|                                | Real-Time Computer Graphics            | RCG    |
|                                | Visualisation and Visual Data Analysis | VIS    |
|                                | Advanced Topics in Computer Graphics   | AT-GFX |
|                                |  |        |

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|--|--|-------|
| 2.6 Multimedia (24 ECTS)                 | Signal and Image Processing              | SIP   |
|  | Image Processing and Image Analysis      | IPA   |
|  | Multimedia Content Management            | MCM   |
|  | Multimedia Representation and Encoding   | MRE   |
|  | Multimedia Retrieval and C-Based Search  | MRS   |
|  | Multimedia and Semantic Technologies     | MST   |
|  | Network Technologies for Multimedia Apps | NTM   |
|  | Advanced Topics in Multimedia            | AT-MM |
|  |  |       |
| 2.7 Advanced Media Informatics (12 ECTS) | Cloud Computing                          | CC    |
|  | Natural Language Processing              | NLP   |
|  | Distributed Systems Engineering          | DSE   |
|  | Foundations of Data Analysis             | FDA   |
|  |  |       |

|                                     |
|-------------------------------------|
| Alternative group of modules:       |
| Digital Media Production Techniques |
| Game Technologies                   |
|                                     |

Notes *optional*

Please confirm that no courses chosen above have already been used otherwise, directly or indirectly by passing equivalent courses, see Curriculum § 10(3).

Please fill in your personal data and choose your modules. Note that modules can only be selected, if the prerequisites are fulfilled, i.e. the corresponding gatekeepers have already been selected. When the confirm button is selected, it is checked whether all the rules of the curriculum are observed.

Note: This form is validated using JavaScript. It is recommended to edit this document with Adobe Acrobat Reader **DC** (editing with web browsers, tools, etc. will cause problems).