

# Modulübersicht M.Sc. Molecular Biomedicine

| Typ | Titel   | Wintersemester |           | Vorlesungs-<br>freie Zeit | Sommersemester |           | Vorlesungs-<br>freie Zeit |
|-----|---|----------------|-----------|---------------------------|----------------|-----------|---------------------------|
|     |   | 1. Hälfte      | 2. Hälfte |                           | 1. Hälfte      | 2. Hälfte |                           |
| BM  | Molecular Genetics & Cell Biology                                   | 12 CP          |           |                           |                |           |                           |
| BM  | Biochemical Concepts in Signaltransduction                          |                | 12 CP     |                           |                |           |                           |
| BM  | Current Topics in Genetics  |                | 6 CP      |                           |                |           |                           |
| BM  | Molecular Physiology  |                | 6 CP      |                           |                |           |                           |
| BM  | Cellular and Subcellular Structures                                 |                |           |                           | 6 CP           |           |                           |
| BM  | Visual Neuroscience: Anatomy  |                |           |                           | 6 CP           |           |                           |
| BM  | Visual Neuroscience: Physiology and Anatomy                         |                |           |                           | 12 CP          |           |                           |
| BM  | Biophysical Chemistry   |                |           |                           |                | 6 CP      |                           |
| BM  | Molecular and Cellular Biology of Hearing and Deafness              |                |           |                           |                | 12 CP     |                           |
| CM  | Current Topics in Clinical Research                                 | 6 CP           |           |                           |                |           |                           |
| CM  | Immunology and Inflammation   | 6 CP           |           |                           |                |           |                           |
| CM  | Clinical Aspects of Degenerative Diseases                           | 6 CP           |           |                           | 6 CP           |           |                           |
| CM  | Genetic Diagnostics: from chromosomal aberrations to gene mutations |                | 6 CP      |                           |                |           |                           |
| CM  | Regenerative Medicine in Ophthalmology                              |                | 6 CP      |                           |                |           |                           |
| CM  | Gene-based Therapies in Human Diseases                              |                |           |                           |                | 6 CP      |                           |
| CM  | Tumor Biology   |                |           | 6 CP                      |                |           |                           |
| SM  | Journal Club  | 3 CP           |           |                           |                |           |                           |
| SM  | Microscopic Imaging in Biomedical Sciences                          | 3 CP           |           |                           |                |           |                           |
| SM  | Research Techniques Molecular Biomedicine                           |                | 6 CP      |                           |                |           |                           |
| SM  | Ethics in Medicine  |                | 3 CP      |                           |                |           |                           |
| SM  | Scientific English  |                |           | 6 CP                      |                |           |                           |
| SM  | Laboratory Animal Science   |                |           | 3 CP                      |                |           | 3 CP                      |
| RM  | Research Project Molecular Biomedicine                              |                |           |                           | 15 CP          |           |                           |
| RM  | External Research Project Molecular Biomedicine                     |                |           |                           |                |           | 15 CP                     |
| MA  | Master Thesis Module  |                |           |                           | 30 CP          |           |                           |

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|-------------------------|-----------------------|---------------------|-----------------------|---------------------------|--|
| Background Modules (BM) | Clinical Modules (CM) | Skills Modules (SM) | Research Modules (RM) | Master Thesis Module (MA) | Flexible Zeitab-<br>sprachen möglich<br> |
|-------------------------|-----------------------|---------------------|-----------------------|---------------------------|--|