

# BSc Biochemistry and Cell Biology (180 CP)

|                                | CHOICE / CORE / CAREER       |  |                                 |  |                           | 3 x 45 = 135 CP |                                       | CONSTRUCTOR Track                                            |                                       | 45 CP    |                                                |                                    |          |                       |
|--------------------------------|------------------------------|--|---------------------------------|--|---------------------------|-----------------|---------------------------------------|--------------------------------------------------------------|---------------------------------------|----------|------------------------------------------------|------------------------------------|----------|-----------------------|
| 3 <sup>rd</sup> Year<br>CAREER | Bachelor Thesis / Seminar    |  |                                 |  |                           | m, 15 CP        |                                       | Summer Internship / Start-Up<br>(after 2 <sup>nd</sup> year) |                                       | m, 15 CP |                                                | New Skills<br>/ Methods<br>Modules | me, 5 CP | New Skills<br>Modules |
|                                | Specialization I             |  | Specialization II               |  | Specialization III        |                 |                                       |                                                              |                                       |          |                                                |                                    |          |                       |
|                                | me, 5 CP                     |  | me, 5 CP                        |  | me, 5 CP                  |                 |                                       |                                                              |                                       |          |                                                |                                    |          |                       |
| 2 <sup>nd</sup> Year<br>CORE   | Infection and Immunity       |  | Advanced Biochemistry II        |  | Advanced Biochemistry Lab |                 | Advanced Cell Biology II              |                                                              | Plant Metabolism and Natural Products |          | me, 15 CP                                      |                                    |          |                       |
|                                | me, 7.5 CP                   |  | m, 5 CP                         |  | m, 5 CP                   |                 | m, 5 CP                               |                                                              | m, 5 CP                               |          |                                                |                                    |          |                       |
|                                | Microbiology                 |  | Microb. Lab                     |  | Advanced Biochemistry I   |                 | Advanced Cell Biology I               |                                                              | Advanced Cell Biology Lab             |          | Intro to Bioinformatics/<br>Analytical Methods |                                    | me, 5 CP |                       |
|                                | m, 5 CP                      |  | me, 2.5 CP                      |  | m, 5 CP                   |                 | m, 5 CP                               |                                                              | m, 5 CP                               |          | me, 5 CP                                       |                                    |          |                       |
| 1 <sup>st</sup> Year<br>CHOICE | General Cell Biology         |  | General Organic Chemistry       |  | Own Selection             |                 | Physics for the Natural Sciences      |                                                              | German / Humanities                   |          | me, 2.5 CP                                     |                                    |          |                       |
|                                | m, 7.5 CP                    |  | m, 7.5 CP                       |  | me, 7.5 CP                |                 | m, 5 CP                               |                                                              | me, 2.5 CP                            |          |                                                |                                    |          |                       |
|                                | General Biochemistry         |  | General and Inorganic Chemistry |  | Own Selection             |                 | Mathematical Concepts for the Science |                                                              | German / Humanities                   |          | me, 2.5 CP                                     |                                    |          |                       |
|                                | m, 7.5 CP                    |  | m, 7.5 CP                       |  | me, 7.5 CP                |                 | m, 5 CP                               |                                                              | me, 2.5 CP                            |          |                                                |                                    |          |                       |
|                                | Minor Option in BCCB (30 CP) |  |                                 |  |                           |                 |                                       |                                                              |                                       |          |                                                |                                    |          |                       |
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