

Fact Sheet M.Sc. Chemistry

(Study Regulations 2024 / enrollment beginning Winter Term 24/25)

Core Elective field, 35 credit points

10 cp Inorganic Chemistry (Module Numbers 0093cA1...)

10 cp Organic Chemistry (Module Numbers 0093cA2...)

10 cp Physical/Theoretical Chemistry (Module Numbers 0093cA3...)

5 cp Cross-Topic (Module Numbers 0093cA4...)

All Core Elective classes and their assignment can be found in §7 (2) of the Study Regulations.

Research Project field, 20 – 30 credit points

Research Projects must be completed in at least 2 different research groups.

- If, in total, more than 2 Research Projects are completed (e.g. 3x 10 cp), it is possible to complete 2 Research Projects in the same research group.

At least 15 cp must be completed in Inorganic, Organic, or Physical Chemistry.

- may be split, e.g. 10 cp Inorganic Chemistry + 5 cp Organic Chemistry

Specialization field, 5 – 20 credit points

The number of credit points depends on the number of credit points completed in the Research Project field and the Elective field. The Research Project field, Specialization field, and Elective field must come to a total of 55 cp.

Further Core Elective classes may be credited for the Specialization field (Module Numbers 0093cA...).

All Specialization classes and their assignment can be found in §7 (4) of the Study Regulations.

Module Numbers and assignment:

- | | |
|---|--|
| - 0093cC1... - Analytical Chemistry | - 0093cC5... - Organic Chemistry |
| - 0093cC2... - Inorganic Chemistry | - 0093cC6... - Physical Chemistry |
| - 0093cC3... - Biochemistry | - 0093cC7... - Theoretical Chemistry |
| - 0093cC4... - Macromolecular Chemistry | - 0093cC8... - Sustainability in Chemistry |

Elective field 15 – 20 cp

Here, at least one chemical class has to be completed: either one of the above, or the module “Modern Aspects of Chemistry”.

„Modern Aspects of Chemistry“ can be completed up to 3 times with varying classes within the module (Module A and/or B and/or C). Each Module consists of 2 classes. Both classes need to be completed to complete the entire module. No credit points are awarded for partial work. All classes that are offered within the modules mentioned above are counted as “Cross-Topic” (important for the 30 cp limit, see below).

Classes in this field can be, but don't have to be graded. Classes that were graded originally are credited with the grade.

Master's Thesis, 30 credit points

Duration: 6 months; 20 – 80 pages; the format can be organized individually with the examiner. Submission to the Office of Examinations only electronically as a pdf file. The logo or seal of Freie Universität Berlin must not be used. A signed declaration of independent processing of the thesis must be submitted, too. Please note that the thesis must be received by the Office of Examinations until 11:59 p.m. of the due date, i.e. sending it at 11:59 p.m. is not sufficient.

NOTE: The modules from one subject (Inorganic Chemistry, Organic Chemistry, etc.) completed in the Core Elective, Research Project, Specialization, and Elective fields must not exceed 30 cp.

Example:

- 10 cp Organic Chemistry in the Core Elective field + 15 cp Research Project in Organic Chemistry + 10 cp Research Project in Organic Chemistry → 30 cp limit surpassed
- 10 cp Inorganic Chemistry in the Core Elective field + 15 cp Research Project in Inorganic Chemistry → not more than 5 cp in Inorganic Chemistry in any other field (Specialization, Elective, etc.)