Module Description
21-SC-19 Master's Thesis

Faculty of Chemistry

Version dated Jun 5, 2026

This module guide reflects the current state and is subject to change. Up-to-date information and the latest version of this document can be found online via the page

https://ekvv.uni-bielefeld.de/sinfo/publ/modul/694341968

The current and valid provisions in the module guide are binding and further specify the subject-related regulations (German "FsB") published in the Official Announcements of Bielefeld University.

Non-official translation of the module descriptions. Only the German version is legally binding.

21-SC-19 Master's Thesis

Faculty

Faculty of Chemistry

Person responsible for module

Prof. Dr. Thorsten Glaser

Prof. Dr. Stephan Hammer

Prof. Dr. Thomas Koop

Regular cycle (beginning)

Every summer semester

Credit points

30 Credit points

Competencies

Upon completion of the master's thesis, students will be able to address complex research questions. These competencies include conducting a comprehensive literature review, formulating a research question, and developing a research plan. Students will be capable of executing the planned experiments within the designated timeframe and evaluating the results. They will also be able to interpret their findings and draw relevant conclusions and recommendations based on their results.

Content of teaching

The teaching content includes current research topics in the field of Sustainable Chemistry.

Recommended previous knowledge

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Necessary requirements

All previous modules must be completed.

Explanation regarding the elements of the module

Module structure: 1 bPr [1]

Examinations

Allocated examiner	Type	Weighting	Workload	LP[2]
Person responsible for module is examiner *The Master's thesis is an independent, written, academic paper. It is written in English or German and should not exceed 100 pages (excluding appendices). In addition to the assessment of the presentation of content-related aspects such as motivation and introduction to the topic, theoretical principles, description of the work carried out, discussion of the results achieved and the choice of references, the grading should take into account an assessment of the results achieved, compliance with good scientific practice and independence and creativity in dealing with the topic. The results are then presented in a seminar presentation (duration: 20-30 minutes).* *Students contact a supervisor for this purpose and discuss a possible assignment. The final assignment is* *issued responsibly by the supervisor. The processing time begins with this issue. At the same time, the supervisor and student must* *at the examination office without delay, in particular to appoint the examiners and document the examination procedure.* *The processing time is 6 months.* *The thesis must be submitted to the examination office by the deadline; the Faculty of Chemistry will provide separate information on the form (written /electronic).*	Masterarbeit	1	900h	30

Legend

1	The module structure displays the required number of study requirements and examinations.
2	LP is the short form for credit points.
3	The figures in this column are the specialist semesters in which it is recommended to start the module. Depending on the individual study schedule, entirely different courses of study are possible and advisable.
4	Explanations on mandatory option: "Obligation" means: This module is mandatory for the course of the studies; "Optional obligation" means: This module belongs to a number of modules available for selection under certain circumstances. This is more precisely regulated by the "Subject-related regulations" (see navigation).
5	Workload (contact time + self-study)
SoSe	Summer semester
WiSe	Winter semester
SL	study requirement
Pr	Examination
bPr	Number of examinations with grades
uPr	Number of examinations without grades