

Cooperation Project Graz Faculty of Natural Sciences (NAWI)

Statutes of the Doctoral School of Chemistry – NAWI Graz

§ 1 Objective and Content of the Doctoral School of Chemistry

The Doctoral School of Chemistry aims at educating doctoral candidates in the scientific fields of the member institutes and research groups, providing them with the opportunity to carry out individually supervised work on current chemistry topics. The foundation for successful professional development is laid down by solving scientific problems independently, attending advanced modules and taking part in a lively exchange of experiences.

§ 2 Qualification Profile

Graduates of the Doctoral School of Chemistry at NAWI Graz are capable of abstracting scientific questions and of independently carrying out scientific tasks at a high level.

They have a broad knowledge base as well as an in-depth area of specialisation within the wider field of chemistry and are thus able to expand and innovatively implement their scientific knowledge in different fields of applications. Furthermore, they are capable of successfully solving interdisciplinary and application-orientated questions as well as assuming coordinating and supervising functions.

§ 3 Governing Bodies

The Doctoral School of Chemistry is chaired by the head of the doctoral school in cooperation with the Coordinating Team of Karl-Franzens-Universität Graz (KFU) (advisory board) and the Coordinating Team of TU Graz. The chairperson and the Coordinating Team will be appointed according to the founding declaration of the doctoral school on the pages of KFU Graz and the guidelines and schedule for the constitution of the doctoral school on the pages of TU Graz. The governing body responsible for study regulations at the doctoral school shall be the responsible Dean of Studies at the appropriate university.

§ 4 Members of the Doctoral School

§ 4.1 Institutes

646 Institute of Chemistry, KFU Graz
6330 Institute of Inorganic Chemistry, TU Graz
6350 Institute of Physical and Theoretical Chemistry, TU Graz
6380 Institute for Chemistry and Technology of Materials, TU Graz
6410 Institute of Organic Chemistry, TU Graz
6450 Institute of Analytical Chemistry and Food Chemistry, TU Graz

§ 4.2 Associated and Co-Opted Members

In addition to the members who are entitled to teach (elective supervisors and mentors) at the institutes listed above, other faculty members of other NAWI Graz institutes or other universities may also be appointed members of the doctoral school according to requirements and the further development of the doctoral school.

§ 4.3 Doctoral Candidates

The responsible body at the respective university shall keep an up-to-date list of all doctoral candidates at all times.

§ 5 Dissertation

The rules on the writing, supervision and assessment of the dissertation shall be subject to the regulations that are in place at the university where the doctoral candidate was admitted. The Curriculum for the Doctoral Programme in Engineering Sciences and Natural Sciences (TU Graz) and the Curriculum for the Doctoral Programme in Natural Sciences (KFU Graz) shall apply.

§ 6 Curricular Workload

The regulations on the curricular workload shall be subject to the regulations that are in place at the university where the doctoral candidate was admitted. The Curriculum for the Doctoral Programme in Engineering Sciences and Natural Sciences (TU Graz) and the Curriculum for the Doctoral Programme in Natural Sciences (KFU Graz) shall apply.

For more detailed regulations, see § 6.1 and § 6.2.

§ 6.1 Curricular Workload – TU Graz

The total curricular workload acc. to § 6, section 1 of the Curriculum for the Doctoral Programme in Engineering Sciences and Natural Sciences at the TU Graz comprises 14 semester course hours. According to § 6, section 2 of the Curriculum for the Doctoral Programme in Engineering Sciences and Natural Sciences, these hours must be allocated as follows:

- a) Subject-Specific Basic Modules (8 semester course hours)
- b) Scientific Methods and Communication (4 semester course hours)
- c) Private Tutorial (2 semester course hours)

ad a) Subject-specific basic modules (8 semester course hours): Attendance of the module “Current Aspects of Chemistry” (2 semester course hours) is mandatory. The remaining 6 semester course hours must be chosen from the subject catalogue of subject-specific basic modules. The doctoral seminar run by KFU Graz may be elected to account for 2 semester course hours at the TU Graz.

The module catalogue of the subject-specific basic modules comprises all modules (with the exception of those offered within the bachelor’s programme) that are offered at the institutes associated with the doctoral school, subject to approval by the Dean of Studies. Subject to proposals by the members of the doctoral school, the Coordinating Team shall be able to admit additional modules. A list of these modules shall be compiled and published by the Coordinating Team.

Modules that are specifically referred to as modules for the doctoral programme in natural sciences for the wider field of chemistry at the KFU Graz shall also be recognised.

Examinations completed at recognised national or international post-secondary educational institutions, universities or extra-mural research institutions (for instance summer schools or specialist courses) may also be approved by the governing body responsible for study regulations if the criterion of equivalence is met.

Modules that have already been completed with an exam during a student's master's degree course in chemistry and technical chemistry shall not be admissible.

ad b) Scientific Methods and Communication (4 semester course hours): The 4 semester course hours must be selected from the subject catalogues in which the appropriate disciplines are offered.

§ 6.2 Curricular Workload – KFU Graz

The curricular workload at Karl-Franzens-Universität shall comprise 16 semester course hours that must be allocated as follows:

Compulsory subject: **12** semester course hours

This shall consist of modules offered at the doctoral school with reference to the subject area/subcategory in which the topic of the dissertation is located. 8 of these 12 semester course hours shall consist of the doctoral seminar.

The module “Current Aspects of Chemistry” offered by TU Graz can be elected to account for 2 semester course hours at KFU Graz within the framework of the doctoral seminar.

In addition to the regular doctoral seminar, 4 semester course hours consisting of modules at a high, post-graduate level must be attended, both to expand and deepen the students' knowledge in the individual dissertation subjects and to broaden their horizon beyond their immediate subject area. The total number of these modules should account for at least 8 semester course hours per year of study in a single doctoral school, depending on the number of doctoral candidates and dissertation subjects. A schedule of doctoral teaching modules that takes into account the specific requirements of the doctoral candidates must be publicly announced for the next two years of study.

Every doctoral candidate shall primarily attend doctoral teaching modules from within the modules offered within his/her doctoral programme curriculum. However, if proposed by the members of the doctoral school, the coordinating team shall also have the option of admitting additional modules so that part of the workload may also be covered by modules offered at a different doctoral school within the Faculty of Natural Sciences, other universities or research institutions.

Elective subject: **4** semester course hours

These modules must be selected in line with the topic of the dissertation. The elective modules may be chosen from the field of the individual doctoral programme, a closely related subject or subcategory or, to promote a transdisciplinary or interdisciplinary approach from Women's or Gender Studies, Philosophy, Theory of Science or similar related fields. The final decision on whether the elected subject is admissible or not shall be the responsibility of the Dean of Studies at KFU Graz.

§ 7 Quality Control

The Doctoral School of Chemistry is fully subject to the quality management guidelines contained in the cooperation agreement “NAWI Graz”.

§ 8 Additional Regulations

For doctoral candidates enrolled at KFU Graz, the Curriculum for the Doctoral Programme in Natural Sciences (KFU Graz) shall apply. For doctoral candidates enrolled at TU Graz, the Curriculum for the Doctoral Programme in Engineering Sciences and Natural Sciences (TU Graz) shall apply.

In addition to these statutes, the statutes contained in the founding declaration of the doctoral school shall apply (KFU Graz) as well as the statutes of the doctoral school (TU Graz).

For the Coordinating Teams of the Doctoral School of Chemistry NAWI Graz

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