



# Regulations for the Doctoral Program Chemical and Molecular Sciences (CMSZH)

Version December 6, 2018

## I. General Information

The doctoral studies are regulated according to the Ordinance for the Conferral of a PhD (PVO) and the MNF Doctoral Program Regulations. Additional information can be found on the program's website ([www.cmszh.uzh.ch](http://www.cmszh.uzh.ch)).

## II. Admission

1. The admissions criteria for a doctorate are described in the PVO §§7, the following, as well as in the general section of the Doctoral Program Regulations. There are no additional requirements for this doctoral program.
2. There are two different procedures for admission to the doctoral program:
  - Application to the doctoral program and monthly interviews with the various research group leaders in the program.
  - Application and interview directly with one of the research group leaders in the program.
3. After having advanced through the selection process and having found a faculty member or a research group leader with the right to confer PhDs at MNF and a willingness to take on the responsibilities of a PhD advisor, the candidate is admitted to the program.
4. The head of the doctoral committee is responsible for checking that the candidate has the required English skills according to PVO §9.

## III. Structure of the Doctoral Program

1. Curricular Portion
  - Students must complete at least 12 ECTS Credits by the time of their PhD defense, not counting any coursework completed because of additional requirements.
  - Each doctoral agreement can individually determine a candidate's compulsory modules or how they will fulfill the required ECTS Credits. Compulsory modules and the curricular program are individually regulated in the candidate's doctoral agreement.
  - The course offerings and the number of ECTS Credits per module are listed in the course catalogue. One ECTS Credit corresponds to 30 hours of work. In case of doubt, the doctoral committee decides on the awarding of credit points for modules.
  - At least 3 ECTS Credits must be earned in each of the three listed categories (A, B, C).

Module/Course	ECTS Credits
<i>A) Lectures and courses</i>	
Institute seminar with guest lecturers	1 per year of study
Courses in transferrable skills offered by the Graduate School (CMSZH)	according to VVZ
Additional lectures and courses offered by UZH (for instance in areas of transferrable skills)	according to VVZ
Specialized lectures offered in Chemistry/Biochemistry at UZH and ETHZ	according to VVZ
<i>B) Internal seminars and exams</i>	
Presentation in a doctoral seminar or at a Graduate School retreat (as long as the presentation is not the annual progress report for the doctoral committee)	1
Formulation of an idea for a research project outside of the research area of one's own dissertation (written by the PhD student in a professional format)	2
Cumulative exams – written exercises on scientific and practical topics in Chemistry/Biochemistry (out of N exercises, M must be completed successfully).	2
Oral exams on general knowledge in Chemistry during the first two years of the PhD	1
<i>C) External research presentations and proposals</i>	
Participation in a scientific convention with a personal contribution (lecture or poster)	1
Successful defense of a research project (for instance research credit, Boehringer Ingelheim Fonds, etc.)	2
Scientific publication (primarily authored by the doctoral student him- or herself)	1-3

## 2. Teaching Assistance

The institute is responsible for assigning students to teaching positions according to PVO §10. PhD students are assigned to supervise courses depending on need at the beginning of the semester.

Within the framework of the Doctoral Program "Chemical and Molecular Sciences" at least 300 hours of teaching from the supervision of lectures of the Institute of Chemistry are required. This also applies to external doctoral students who are not employed at the institute, but who are doing their doctorate as part of the doctoral program. In justified cases, exemptions may be granted for external doctoral students by the program director (although the 100 hours required in the PVO must be met).

#### **IV. Doctoral Degree**

1. Cumulative Dissertations

Special requirements for cumulative dissertations (such as requirements regarding number and breadth of publications, publication status and primary authorship) are determined by the doctoral committee.

2. Circulation Round

The circulation round for a dissertation is determined by the head of the doctoral committee in consultation with the other members. Specifications in Part A of these regulations must be observed.