

## PhD at the Department of Chemistry and Pharmacy: Implementation Regulations

### 1. Cumulative Thesis

Instead of a monographic doctoral thesis a cumulative thesis may be prepared. A cumulative thesis comprises several peer reviewed papers published in relevant scientific journals already published or accepted for publication. A summarized presentation of the topic dealt with, connected with a discussion part, must be submitted.

The supervisor has to agree to a cumulative thesis. There is no claim for a cumulative thesis.

Minimum requirements of the department:

- 4 accepted publications, 2 of them under his/her authorship. Only in well-founded circumstances you can deviate from this principle
- all authors have to submit a written consent
- the report of the reviewer has to emphasize correctly and in detail the individual proportion of the content of the PhD student in the publications
- in the dissertation, the PhD student has to enter a at least 25-30-page summary of the work on the individual part for every individual publications. An overview of the articles should be provided as an overview in the annex to the publications and, in this list or in the immediate future, the individual contribution must be presented for each publication

The corresponding publication can be included in two (in exceptional cases, three) cumulative theses, if all PhD students collaborate in a research project and contribute own quantitative equivalent and scientific complementary contributions. It is important to emphasize the individual contributions of all PhD students to the respective publications in the cumulative thesis (and the written expert reports).

### 2. Constitution of the Examination Board

Arrangement of the department: Not all examiners may be from the same chair or „institute“ (Inorganic Chemistry, Organic Chemistry, Physical/Theoretical Chemistry or Pharmacy/Food Chemistry). If necessary, one examiner can be from another department or faculty.

### 3. Written Consent in Lieu of a Meeting

In principle, the written consent in lieu of a meeting should be carried out quickly.

For this purpose, the PhD regulations of the faculty of sciences set a 4-week deadline.

Requirements of the department: At least 2/3 of the signatures are required by the written consent in lieu of a meeting.

### 4. Reviewer selection

It is important to ensure there is no relationship of dependency between the first and second reviewer (e.g. if both are from the same chair). This is important for e.g. postdocs, Emmy-Noether junior research group leaders.

### 5. Summa-Grading

In case a summa-grading is being considered, a separate justification is required and the dissertation and the PhD performance have to be presented to the executive board of the department of chemistry and pharmacy. In addition to the PhD dissertation and PhD performance, the reviewer and the examination board have to be discussed as well.