Doctoral Program in Chemistry

1. Introduction

The doctoral program in chemistry defines the framework for the education of doctoral students in chemistry at the University of Fribourg, insofar as this education goes beyond the proper work on the PhD dissertation.

2. Program

The doctoral program in chemistry comprises five distinct units

a) advanced courses: Each doctoral student must, in the course of his PhD work, visit at least two advanced courses (e.g. Master courses offered by the department, by other departments in the faculty of science or at other Universities). The choice of these courses is made in consultation with the PhD advisor.

b) research seminars: Jeder Doktorand / jede Doktorandin muss während seiner / ihrer Doktoratszeit mindestens 30 Forschungsseminare (des Doktoratsprogramms der CUSO, Departementsseminare u.ä.) besuchen.

c) «Summer schools» / Workshops: Each doctoral student must, in the course of his PhD work, participate at a mimimum of three «Séminaires hors-ville» of the CUSO or similar workshops / summer schools. In consultation with the PhD advisor, the active participation at an international conference of at least four days, or an internship in another research group may be credited.

d) presentation of research results: Each doctoral student must, in the course of his PhD work, present results from his or her research on at least three occasions at the level of a department seminar or at a larger, interuniversity forum. The defence of the the thesis counts as one of these occasions, but group seminars do not count.

e) research project: Each doctoral student must, towards the end of his or her PhD work, draft a request for a research fellowship for young scientists along the lines allowed by the Swiss NSF. This request will be presented to a jury of at least two professors of the department who will examine and, if it is satisfactory, approve of it.
Recapitulation

Advanced courses: 2
Research seminars: 30
« Séminaires hors-ville », workshops: 3
Public presentations: 3
Research project: 1

3. Control

Each doctoral student maintains a doctoral booklet where he notes, which units he has chosen and visited/participated in consultation with his or her PhD advisor. The doctoral booklet is kept by the doctoral student. Each unit is validated by a signature, whereby the following rules apply:

a) *advanced courses*: are validated after passing some form of evaluation of what the student learned (oral or written exam, report, oral presentation).

b) *research seminar*: the participation of the doctoral student in a research seminar is confirmed by the signature of a professor of the department.

c) *« Séminaires hors-ville », workshops*: the uninterrupted participation in the entire exercises is confirmed by the signature of the organizer.

d) *public presentations*: signature of the PhD advisor.

e) *research project*: signature of the members of the jury.

4. Enactment

The above program becomes operative with the start of the fall term 2009.

5. Transitory measures

The doctoral students who have started their dissertation before September 1, 2009 may also participate in the doctoral program. The requirement are calculated *pro rata* with the number of the remaining years of PhD work.