Study Plan for Chemistry and Molecular Sciences
From 10 March 2016

The Faculty of Natural Science issues,

based on Article 44 of the Statutes of the University of Bern, 7 June 2011 (University Statutes, UniSt), and the regulations on the study program and examinations of the Faculty of Natural Science of 14 April 2005 (RSL Phil.-nat.),

the following study plan:

I. General Information

Applicability

Article 1. ¹ This study plan applies to all students enrolled at the University of Bern, majoring in Chemistry and Molecular Science (bachelor, master’s and doctoral studies), or minoring in Chemistry and Molecular Science at a bachelor or master’s level, as well as all students of the University of Bern, who attend elective courses in "Chemistry and Molecular Sciences".

² For students from other universities, or exchange students, see Article 1, Paragraph 2 RSL Phil-nat.

³ Unless otherwise specified, the provisions of the RSL Phil-nat apply.

Study Objectives

Article 2. ¹ The bachelor program provides students with basic scientific education in the field of Chemistry and Molecular Sciences. Through this, cross-curricular studies (biology, physics, computer science, mathematics, and statistics), and scientific thinking are encouraged. As the first professional degree, the bachelor provides the basis for further involvement in the field of chemistry, or in professions where broad scientific training is required.

² The master's study program builds on the bachelor degree and pursues specialized and simultaneous interdisciplinary development, with the aim of perusing a scientific occupation such as Chemist M Sc, or teaching at a secondary school (basic training for secondary school level II).
The doctoral program (PhD) shall introduce students to independent scientific research and enable them to work as research chemists in industry, in research institutions, in administration or management, or to follow an academic career path.

The minor provides students with a complementary scientific education to their major, in the field of chemistry and molecular sciences.

**ADMISSION**

**Article 3.** Admittance requirements for the degree are set out in Articles 4 and 43 RSL Phil-nat.

Any graduates of a Swiss University of Applied Sciences with a bachelor degree in chemistry can register for the bachelor study program those with a master's degree can register for the master’s study program at the University of Bern. For the entry into the master’s study program the minimum grade of 5.0 from the master’s degree of the University of Applied Sciences is required. According to the faculty regulations, the committee responsible decides about possible additional requirements or dispenses.

Those who have been dismissed for insufficient performance in a chemistry study program from another university, will not be permitted to study chemistry and molecular sciences at the University of Bern. Students that have been dismissed from the University of Bern or another university for insufficient performances in a study program similar to our chemistry and molecular sciences program can only be admitted to the latter if the occurred expulsion was not based on insufficient performance in classes that are also mandatory in our study program of chemistry and molecular sciences.

**DEGREES, TITLE**

**Article 4.** The Department of Chemistry and Biochemistry offers the following study programs and degrees in chemistry and molecular science:

a Bachelor study program with the degree of "Bachelor of Science in Chemistry and Molecular Sciences, University of Bern (B Sc)"

b Master’s study program with the degree of "Master of Science in Chemistry and Molecular Sciences, University of Bern (M Sc)"

c PhD study program with the degree of "PhD of Science in Chemistry and Molecular Sciences, University of Bern".

Furthermore, "Chemical Biology" is offered as a specialization, within the framework of the master’s study program "Molecular Life Sciences".

The Department of Chemistry and Biochemistry offers minor study programs at the bachelor level comprised of 15, 30 und 60 ECTS-credits, and at the master's level of 30 ECTS-credits.

For students from other study programs, elective courses are offered.
Furthermore, the Department of Chemistry and Biochemistry offers the specialized study program "Intensified Studies in Chemistry for PHBern Studies" with 12 resp. 18 ECTS-credits for PHBern students. The PHBern decides which study programs are accepted for the academic secondary school level.

Article 5. 1 In duly justified cases, students may submit an application for a personalized study planning to the committee responsible. We recommend consulting the Director of Studies ahead of time.

2 Students in the bachelor degree programs, "Biochemistry and Molecular Biology," and "Pharmacy" at the University of Bern may transfer to the bachelor study program "Chemistry and Molecular Sciences", and carry over 60 ECTS-credits, provided that the appropriate modules of the respective study program have been successfully completed. Otherwise, an application must be submitted for an individual study planning.

Article 6. Course guidance is provided in the form of informational events, and consultations with the Director of Studies.

II. Duration of Study and Extension Options

Article 7. 1 For full-time students, the standard period of study is:

   a  Bachelor Degree: 6 semesters,
   b  Master's Degree: 3 semesters.

The periods of study, and options for extension, comply with Article 7. RSL Phil-nat.

2 For a repetition of a bachelor and master's theses, an appropriate extension may be granted, upon request to the committee responsible, in accordance with faculty regulations.

III. Course Credits

Article 8. 1 Course credits are measured in accordance with the European Credit Transfer and Accumulation System (ECTS). One ECTS-credit represents a workload of 25-30 hours.

2 The assignment of ECTS-credits to the individual courses is documented in the "Übersicht über die Lehrveranstaltungen" (Overview of the Courses) (Appendix 1, 2, 3 and 4).

3 ECTS-credits may be credited to a course of studies for up to ten years after their acquisition.
Article 9. 1 Upon successful completion of the introductory course (1st year, Annex 1), course credits from BeNeFri (Bern, Neuchatel Fribourg) or other university bachelor programs, may be credited, up to a maximum of 60 ECTS-credits.

2 In the master's study program, up to 30 ECTS-credits may be acquired through master's programs at other universities (Annex 2). Foreign course credits which exceed 10 ECTS-credits must be submitted for approval to the committee responsible, in accordance with faculty regulations.

3 The study program for foreign course credits (Learning Agreement) must be submitted in advance to the Director of Studies for equivalence clarification.

4 Article 9a and 9b RSL Phil-nat. must be observed.

IV. Examinations

Article 10. 1 The awarding of ECTS-credits for the bachelor, master's, PhD and minor degree programs, as well as elective courses of the Faculty of Natural Science, is carried out solely on the basis of examinations.

2 The terms and modalities of the examinations will be disclosed by the lecturers at the beginning of each course.

Article 11. The examinations can be:

a written and oral examinations,
b thesis work (bachelor, master's, or doctoral thesis),
c evaluation of performance in laboratory courses and/or exercises,
d presentations,
e final degree examinations (doctorate).

Article 12. 1 The language of the examinations usually corresponds to the language of instruction. Otherwise, Article 24 and Article 11 of the RSL Phil-nat. University Act of 5 September 1996 (University Act, UniG) shall apply.

2 Lab courses as of the 2nd year of studies can be held in German or English.

Article 13. 1 Written examinations take between 30 and 180 minutes.

2 The results are made available to the candidates by the Director of Studies within one month.

3 Anyone who has completed a written examination can view their own work, with the lecturers responsible for examinations, up to one month after notification of the result.
**ORAL EXAMINATIONS**

4 The examination chairs inform the Dean’s Office of the written examination results within 30 days (Article 26, Paragraph 3 RSL Phil-nat.).

**Article 14.** 1 Oral examinations for the bachelor or master's study program take between 15 and 60 minutes.

2 If an oral examination is conducted by only one authorized person, an observer must also be present.

3 For every oral examination, it is ensured that the course of the examination can be reconstructed retrospectively.

4 The examiners inform the candidates directly afterwards on the outcome of an oral examination.

**APPRAISAL AND GRADING**

**Article 15.** 1 Passing results are assessed as follows:

- 6 excellent
- 5.5 very good
- 5 good
- 4.5 satisfactory
- 4 sufficient

2 For unsatisfactory results, the scores 1, 1.5, 2, 2.5, 3 or 3.5 will be awarded.

3 For the rounding policy, please refer to Article 19 Paragraph 7 RSL.

4 Exercises, laboratory courses etc., can be credited unevaluated if their completion is a prerequisite for admission to an examination.

5 For the bachelor and the master's study program, the weighting is carried out according to ECTS-credits, see Annexes 1 and 2. For the minor in Chemistry and Molecular Sciences, see Appendix 3, and for PHBern students Appendix 4.

**DECEPTION**

**Article 16.** If the outcome of an examination is attempted to be, or is influenced by cheating (using unauthorized aids, copying reports, plagiarism, etc.), the examination in question is considered as failed. If it is a graded examination, the Grade 1 will be given.

**RESPONSIBILITIES FOR EXAMINATIONS**

**Article 17.** 1 Examiners are authorized lecturers, and are involved with the respective course.

2 The lecturers of the course in question are responsible for the organization and execution of the examinations.

3 Should an examination extend over an entire module, the Director of Studies will designate a person responsible from among the lecturers, for the organization and execution of the module examination.

4 The Director of Studies verifies that the requirements are met for the corresponding examination.
DATE AND LOCATION OF EXAMINATIONS

Article 18. ¹ The students will be informed by the lecturers at the beginning of each semester on the nature and execution of the examinations.
² The Director of Studies shall, in consultation with the lecturers, set the test dates for the semester examinations, and announce the appointed time and location.

REGISTRATION FOR EXAMINATIONS

Article 19. The students must sign up within the prescribed time limits by the Director of Studies for the corresponding examination.

CANCELLATION OF ATTENDANCE, OR ABSENCE FROM EXAMINATIONS

Article 20. ¹ The cancellation of attendance or absenteeism from examinations is regulated under Article 23 RSL.
² If the candidate withdraws during an examination, or fails to appear for an examination, he or she must provide valid grounds within a week (e.g. medical certificate). Otherwise, the examination is considered as failed and given the Grade 1.

REPETITION OF EXAMINATIONS

Article 21. ¹ Examinations awarded an insufficient grade may be repeated once only. Sufficient examinations may not be repeated.
² Bachelor or master’s theses graded as insufficient can be written once again, on a different topic. The candidate has the right to repeat a bachelor or master’s thesis under the supervision of another lecturer.
³ If the repeated examination is once again insufficient, the one completed later counts.
⁴ Examinations may be repeated in the next academic year following the initial exam. Any extension of time may only be granted based on valid grounds mentioned in Art. 35 of the “Universitätsverordnung” and must be requested at the latest 1 day before the last possible examination date in writing to the Study Committee of the Phil. Nat. Faculty.

V. Bachelor Study Program

COMPOSITION AND STRUCTURE

Article 22. ¹ The scope of the bachelor study program in Chemistry and Molecular Sciences is 180 ECTS-credits.
² The study program is divided into a one-year introduction program (60 ECTS-credits) and a two-year main study period (120 ECTS-credits).

1st ACADEMIC YEAR

Article 23. ¹ The courses of the 1st academic year are listed in Appendix 1. This includes the allocation of ECTS-credits for study modules, as well as any groupings into modules.
2 The ECTS-credits for the first year of study will be awarded when the weighted examination grades, as based on the acquired ECTS-credits, result in an average of at least 4.0. All insufficient grades have to be repeated in order to compensate them (Art. 22 Abs 3 RSL Phil.-nat.). In case of compensation, the grade of the second examination counts. There may not be more than 3 insufficient grades.

### Article 24
1. The main study period (2nd and 3rd years) includes:
   
   a. mandatory and elective credit courses that are grouped into modules (Appendix 1),

   b. the Bachelor Thesis (10 ECTS-credits).

2. 3rd year courses may not be attended, or examinations sat, until the ECTS-credits from the 1st academic year have been fully acquired.

3. The ECTS-credits of the modules of the 2nd and 3rd year of study will be awarded when the weighted examination grades, as based on the acquired ECTS-credits, result in an average of at least 4.0. All insufficient grades have to be repeated in order to compensate them (Art. 22 Abs 3 RSL Phil.-nat.). In case of compensation, the grade of the second examination counts.

### Bachelor Thesis
1. The bachelor thesis is completed in the 6th semester in one of the research groups of the Department of Chemistry and Biochemistry. It includes a research thesis, concluding with a report.

2. The bachelor thesis will be supervised by one or more lecturers of the Department of Chemistry and Biochemistry (see RSL Phil-nat. Article. 16).

3. The bachelor thesis must be submitted to the supervisor by the deadline set by the Director of Studies.

4. If there are valid grounds that the bachelor thesis is not completed in time, the deadline can be extended by the Director of Studies one time only. The committee responsible decides on any further extension, according to faculty regulations.

5. When a candidate does not meet the deadline for submission of the bachelor thesis, the work will be awarded the Grade 1

6. A bachelor thesis will be graded by the supervisor within four weeks of submission to the Director of Studies.

### Article 26
1. A copy of the bachelor thesis must be submitted to the supervisor, as well as to the Chemistry and Molecular Sciences’ student administration office.

2. The author of a bachelor thesis is the originator or Creator under intellectual property rights and copyright laws.
Article 27. The bachelor study program is completed successfully when:

- all modules of the bachelor study plan within the degree program are completed, and the weighted average of each of them, based on the ECTS-credits is at least 4.0 taking into account the compensation rules according to articles 23 and 24
- the bachelor thesis is evaluated with a minimum grade of sufficient (Grade 4.0).

Article 28. The final grade of the bachelor degree is awarded according to Article 42 RSL Phil.-nat.. It results from the weighted average of marks, weighted according to ECTS-credits, of all individual examinations of the bachelor study program.

Article 29. ¹ After the successful completion of the bachelor study program, the Faculty of Natural Science confers the title of "Bachelor of Science in Chemistry and Molecular Sciences, University of Bern (B Sc)".

² A diploma supplement will be issued with the bachelor degree.

Article 30. ¹ Students will be expelled from the study program, if it is established that a successful completion is not possible. This is especially true if inadequate performance can no longer be compensated, or if there is an overdraft of the period of study without a possibility for extension under Article 7 paragraph 2 RSL Phil.-nat.

² At the discontinuation of studies, or expulsion, a transcript will be issued to the student by the Dean's Office, along with instructions on the right to appeal.

**VI. Master's Study Program**

Article 31. ¹ The prerequisite for the start of the master's study program is a bachelor in the field of chemistry or biochemistry, from a Swiss university, or another recognized equivalent qualification (see Article. 43 RSL Phil.-nat.). The master's thesis research can be commenced only if the bachelor degree is definitely completed.
When registering for the study program, applicants and prospective students with foreign educational qualifications must have proof of completion of one of the following language tests, with the appropriate minimum result. Either a valid TOEFL or IELTS test, which at the time of application are not older than 2 years will be accepted. A test from an earlier date will not be accepted.

<table>
<thead>
<tr>
<th>Language Test</th>
<th>Minimum Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOEFL Papier</td>
<td>550</td>
</tr>
<tr>
<td>TOEFL Internet</td>
<td>85</td>
</tr>
<tr>
<td>IELTS</td>
<td>6</td>
</tr>
</tbody>
</table>

A dispensation from the English test is possible for students who have completed their studies within a community, where the English is spoken by the majority as the colloquial language.

The successful completion of a master's study program in Chemistry and Molecular Sciences can be made dependent on the acquisition of additional knowledge and skills that are not a part of the bachelor degree.

A minor in Chemistry and Molecular Sciences, with a minimum of 60 ECTS-credits, entitles one for the master's study program, whereby up to 30 ECTS-credits in additional requirements may be requested, which will not be counted toward the master's study program.

**SCOPE AND MODULES**

**Article 32.** The scope of the master's study program is 90 ECTS-credits:

a 30 ECTS-credits (lectures, exercises and laboratory classes),

b 60 ECTS-credits Master's Thesis

The credit courses are grouped into modules as summarized in Annex 2. The focus module (major core subject area) must comprise 15 or 18 ECTS-credits respectively.

**EXAMINATIONS, GRADES**

**Article 33.** Module courses are tested individually by examinations.

The scores of the modules of the master's study program are based on the ECTS-weighted average of the examinations. Insufficient grades can be compensated within a module.

**MASTER'S THESIS**

**Article 34.** The master's thesis is supervised by a lecturer of the Department of Chemistry and Biochemistry or a lecturer of another affiliated institution of the Department of Chemistry and Biochemistry (see Article. 16 RSL Phil-nat.). In the latter case, an additional supervising person among the lecturers of the Department of Chemistry and Biochemistry will be assigned.

The master's thesis typically takes 12 months to complete. The commencement time of the thesis must be submitted in writing to the Director of Studies.

In case the master's study program is started in the fall semes-
ter, the master’s thesis is usually started on the following January 1st at the earliest and on January 31st at the latest. If the studies are started in the spring semester the master’s thesis is usually started on the following July 1st at the earliest and July 31st at the latest.

**EXECUTION OF THE MASTER’S THESIS**

**Article 35.** ¹ Master’s theses are written in German, French or English.

² Master’s theses may also consist of papers that have already been submitted for publication, or published papers that, in this case, must be summarized with an introductory text and comments. The work must not have been previously used for the bachelor thesis.

³ If there are valid grounds that the master’s thesis cannot be completed in time, this period can be extended once only by the Director of Studies. The responsible committee, designated under faculty regulations, decides on every additional extension.

⁴ When a candidate does not meet the deadline for submission of the master’s thesis, the work will be awarded the Grade 1.

⁵ The master’s thesis will be graded by the supervisor within four weeks of submission to the Director of Studies.

**ARCHIVE COPY AND COPYRIGHT**

**Article 36.** ¹ A copy of the master’s thesis must be submitted to, the supervisor, the Dean’s Office of the Faculty of Natural Sciences and the Chemistry and Molecular Sciences’ student administration office.

² The author of a master’s thesis is the originator or Creator under the intellectual property rights and copyright laws.

**FINAL DEGREE**

**Article 37.** ¹ The master’s study program is completed successfully:

   a when for each module the weighted examination grades, as based on the acquired ECTS-credits result in an average of at least 4.0 (insufficient grades can be compensated within a module),

   b the master’s thesis is graded at least with the rating of sufficient (Grade 4.0),

   c any additional requirements are successfully completed.

² The final grade is awarded according to Article. 52 RSL PhilNat.. It results from the weighted average of marks of all individual examinations of the master’s study program, weighted according to ECTS-credits.

**TITLE**

**Article 38.** ¹ After the successful completion of a master’s study program, the Faculty of Natural Science confers the title of “Master of Science in Chemistry and Molecular Sciences, University of Bern (M Sc)”.

² A diploma supplement will be issued with the master’s degree.

**EXPULSION AND**

**Article 39.** ¹ Students will be expelled from the study program,
DISCONTINUATION OF STUDIES

if it is established that a successful completion is not possible. This is especially true if inadequate performance can no longer be compensated, or if there is an overdraft of the period of study without a possibility for extension under Article 7 Paragraph 2 RSL Phil.-nat.

2 In the case of discontinuation of studies, or expulsion, a transcript will be issued by the dean's office, along with instructions on the right to appeal.

VII. PhD Study Program

ADMISSION

Article 40. 1 The prerequisite for admission to the PhD study program is a Master's of Science degree from a university, or any other recognized equivalent qualification.

2 The successful conclusion of a PhD study program in Chemistry and Molecular Sciences can be made dependent on proof of additional knowledge or skills that were not acquired when completing the master's study program.

SCOPE OF THE STUDY PROGRAM

Article 41. 1 The PhD study program takes three to four years.

2 It includes the successful preparation of the dissertation and the fulfillment of the requirements of the doctoral program.

DISSERTATION

Article 42. 1 The dissertation is supervised by a lecturer in the field of Chemistry and Molecular Sciences within the Department of Chemistry and Biochemistry.

2 The Director of Studies must be informed as to the commencement date of PhD students' dissertations. The Director of Studies reports the start to the Dean's Office.

3 According to Article 56, Paragraph 4, RSL Phil-nat., and other regulations of the faculty, a second examiner will be appointed by the supervisor, in consultation with the doctoral student.

EXECUTION AND FORM

Article 43. 1 Dissertations are written in German, French or English.

2 Dissertations may also be studies which have already been previously submitted for publication, or published work that, in this case, must be summarized with an introductory text and comments.

SUBMISSION AND ASSESSMENT

Article 44. 1 The dissertation must be submitted to the supervisor as well as the second examiner within the prescribed period.

2 The supervisor and the second examiner assess the dissertation independently of each other, within 6 weeks. The grade for
the thesis is the rounded arithmetic mean of the two individual scores. The assessment and the grade go to the committee responsible which is designated under faculty regulations.

3 After ratification of the assessment and grade by the committee responsible in accordance with faculty regulations, the candidate is informed of the grade by the supervisor.

**DOCTORAL PROGRAM**

**Article 45.** 1 The doctoral program, with a scope of 30 ECTS-credits, includes the regular attendance of seminars and conferences as defined in Annex 5, the active participation in the group seminar of the research group and the "First Year Graduate Student Symposium", the presentation of their own research findings at national and international conferences (posters and / or lecture) and participation in bachelor and master's courses.

2 Equivalency requirements of external doctoral candidates will be examined, and decided upon on a case by case basis by the Director of Studies.

**DOCTORATE EXAMINATION**

**Article 46.** 1 The doctoral examination consists of a public lecture and a question and discussion period. It lasts between 60 and 180 minutes. There may also be an oral examination lasting from 60 to 180 minutes.

2 The grade for the doctoral examination is the rounded arithmetic mean of the scores of the examiners.

**DEPOSITORY COPY AND COPYRIGHT**

**Article 47.** 1 A copy of the thesis must be submitted to the supervisor, the reviewer and the Chemistry and Molecular Sciences' student administration office. Five further copies must be submitted to the Faculty of Natural Sciences Dean's Office.

2 The author of a dissertation is the originator or Creator under copyright laws.

**FINAL DEGREE**

**Article 48.** 1 The doctoral program is successfully completed when the examination and thesis are each scored with a minimum grade of 4.0.

2 The final grade is calculated from 50% of the mark for the thesis and 50% of the mark for the doctoral examination.

3 After the successful completion of the PhD study program, the
Faculty of Natural Science awards the title of "PhD of Science in Chemistry and Molecular Sciences, University of Bern (PhD)".

The doctoral certificate designates the conferred doctor's degree, the title of the dissertation and the final rating as follows:

- 6 summa cum laude
- 5.5 insigni cum laude
- 5 magna cum laude
- 4.5 cum laude
- 4 rite

VIII. Minor, Chemistry and Molecular Sciences
Department at the Bachelor Level

Scope

Article 49. Chemistry and Molecular Sciences can be studied as part of a bachelor degree at the University of Bern, namely as:

- a Minor comprised of 15 ECTS-credits,
- b Minor comprised of 30 ECTS-credits,
- c Minor comprised of 60 ECTS-credits,

ECTC-credits can also be acquired as elective courses.

Credit for ECTS-Credits

Article 50. The ECTS-credits of the 15 ECTS-credits minor, acquired as part of another bachelor degree, may be counted toward the 30 and 60 ECTS minor in Chemistry and Molecular Sciences.

ECTS-credits can be credited to the course of studies for up to ten years after their acquisition.

Composition and Structure

Article 51. The minors with 15 and 30 ECTS-credits are comprised solely of compulsory courses and the minor with 60 ECTS-credits is comprised of compulsory and elective courses from the Department of Chemistry and Molecular Sciences as well as Biochemistry.

Minor Study Program

Article 52. The minor introductory study program includes mandatory course credits in general chemistry, which are grouped in a single module, see Appendix 3.

The 30 and 60 ECTS-credits minors are acquired cumulatively with the corresponding ECTS-credits. Mandatory and elective course credits are grouped into modules (Appendix 3).

Minor Degree

Article 53. The minor degree is completed when each
module grade is at least 4.0. All insufficient grades from the first attempts have to be repeated before they can be compensated. In case of compensation, the grade of the second examination counts.

² The minor degree grade is determined from the weighted average of marks of all examinations of the minor study program, weighted according to ECTS-credits.

IX. Minor Degree in Chemistry and Molecular Sciences at the Master’s level

Article 534. ¹ At the master’s level, it is possible to complete a minor degree in Chemistry and Molecular Sciences totaling 30 ECTS-credit. Prerequisite is the completion of a minor degree with a minimum 60 ECTS-credits at the bachelor level. (see Article 45 Paragraph 3 RSL Phil-nat.).

² The contents of the minor degree will be adapted to the respective level of the student and may be composed of courses from the bachelor program, as well as master’s courses, according to Appendix 3.

³ The minor study program is completed successfully when each module shows a result of at least 4.0. Insufficient grades can be compensated within a module.

⁴ The overall grade of the minor study program is calculated from all the weighted examination grades of the minor, as based on the acquired ECTS-credits.

X. Transitional and Final Provisions

AMENDMENTS TO THE STUDY PLAN

Article 55. Amendments to the study plan must be approved by the University Management. Exceptions are changes to the appendix, which fall under the competence of the faculty council.

TRANSITIONAL PROVISIONS

Article 56. ¹ Students starting their studies in Chemistry and Molecular Sciences as of the fall semester of 2016 are subject to the present study plan.

² Students who started their studies according to the study plan of 1 September 2008 will continue their studies according to the study plan of 1 September 2008.

ENTRY INTO FORCE

Article 57. This study plan takes effect on 1 August 2016 and replaces the study plan for the subject of Chemistry and Molecu-
iar Sciences of 1 September 2008.

Bern, On behalf of the Faculty of Natural Sciences
The Dean:

Approved by the University Management:

Bern, The Rector