

These degree programme and examination regulations have been worded carefully to be up to date; however, errors cannot be completely excluded. The official German text available at the Examinations Office is the version that is legally binding.

**General Examination Regulations for the Bachelor's and
Master's degree programmes
Chemistry and Molecular Science at the
Faculty of Sciences of Friedrich-Alexander-Universität Er-
langen-Nürnberg – ABMPOChemMol/NatFak –
Dated 25 July 2013**

Based on Section 13 (1)(2), Section 43 (4)(5), Section 61 (2)(1) of the Bavarian Higher Education Act (Bayerisches Hochschulgesetz, BayHSchG), the University of Erlangen-Nürnberg enacts the following examination regulations:

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Part I: General Conditions

Section 1 Scope, Purpose of the Bachelor's and Master's Examination

(1) ¹These examination regulations govern the examinations for the Bachelor's and consecutive Master's degree programmes Chemistry and Molecular Science at the Faculty of Sciences resulting in the degrees 'Bachelor of Science' and 'Master of Science'. ²They are supplemented by the degree programme and examination regulations.

(2) ¹The Bachelor of Science is a first university degree that qualifies the graduate for professional work. ²The purpose of the Bachelor's examination is to assess whether the students:

- have acquired fundamental knowledge as well as in-depth technical and methodical understanding of the examined subjects
- have the ability to employ scientific methods and knowledge independently
- are prepared for the transition to professional practice

(3) ¹The Master of Science is a second university degree that qualifies graduates for further research as well as professional work. ²The Master's examination serves to determine whether the students:

- have acquired in-depth knowledge of the basics and the fundamental research findings in the subjects of their Master's degree programme
- are capable of working independently according to scientific methods and to develop these further
- are prepared for professional practice

Section 2 Degrees

(1) Passing the examinations results in the following degrees, depending on the type of degree programme:

1. The degree of Bachelor of Science (abbreviation: BSc) for passing the Bachelor's examination
2. The degree of Master of Science (abbreviation: MSc) for passing the Master's examination

(2) The degree may also be named with the addition '(FAU Erlangen-Nürnberg)'.

Section 3 Structure of the Bachelor's Degree Programme, Teaching Language, Standard Duration of Studies

(1) ¹Students shall take a preliminary examination (Grundlagen- und Orientierungsprüfung, GOP) covering the foundations of the Bachelor's degree programme by the end of the second semester. ²The Bachelor's degree programme includes a four-semester foundation phase worth 120 ECTS credits. ³The subsequent part of the Bachelor's degree programme includes the examinations until the end of the standard duration. ⁴To complete the programme successfully, students shall achieve 180 ECTS credits, which includes all required module examinations and the Bachelor's thesis module.

(2) The standard duration of a Bachelor's degree programme including all examinations is six semesters.

(3) ¹Individual modules may be taught in English. ²The module handbook shall govern this topic in more detail.

(4) The degree programme shall begin in the winter semester.

Section 4 Structure of the Master's Degree Programme, Teaching Language, Standard Duration of Studies

(1) The Master's degree programme builds on the contents of the Bachelor's programme; it is more research-orientated.

(2) ¹The Master's degree programme shall have a duration of three semesters plus one semester for working on the Master's thesis. ²To complete the programme successfully, students shall achieve 120 ECTS credits, which includes all required module examinations and the Master's thesis module.

³The standard duration of the Master's degree programme is four semesters.

(4) In case several modules are eligible, students shall seek a consultation and shall choose modules that may be studied without overlap.

(5) The teaching language shall be governed by the relevant degree programme and examination regulations.

(6) The Master's degree programme may be started in the winter semester or in the summer semester.

Section 5 ECTS Credits

(1) ¹The degree programmes and examinations are structured based on the European Credit Transfer and Accumulation System (ECTS). ²30 ECTS credits are estimated per semester. ³One ECTS credit corresponds to 30 hours of work.

(2) ¹ECTS credits serve as a system to categorise, calculate and confirm the amount of work a student has invested. ²They are a quantitative indicator of a student's workload.

Section 6 Modularisation, Course Credit Certificates

(1) ¹The degree programme consists of modules for which students are awarded ECTS credits. ²One module is a chronologically connected and self-contained teaching and learning unit the contents of which can be tested in an examination.

(2)¹The modules shall be completed with a module examination. ²This examination shall as a rule consist of one examination achievement or one course achievement. ³In exceptional cases, this examination may also consist of several partial examinations (e.g. portfolio examination) if the subject warrants it. ⁴ECTS credits shall only be given for successful participation in modules that can be determined in an individual, separately identifiable performance in a module examination. ⁵Module examinations are conducted during the lecture period or following the last lecture/seminar of a module before the start of the next semester's lecture period.

(3) ¹Examination achievements and course achievements shall measure the student's success. ²They may be in writing, oral, or in a different form. ³Examination achievements are graded. ⁴The assessment of course achievements may be limited to determining whether the student has successfully participated or not.

(4) Enrolment in the relevant degree programme at the University of Erlangen-Nürnberg shall be a requirement for participation in module examinations (Paragraph 2 (1)).

Section 7 Examination Deadlines, Failure to Observe Deadlines

(1) ¹Examinations shall be sat in such a timely manner as to allow the student to obtain the ECTS credits specified in the **degree programme and examination regulations** for the preliminary examination and the Bachelor's or Master's examination by the scheduled deadline. ²Deadlines shall be the second semester of the degree programme for the preliminary examination and the last semester of the respective standard duration for the Bachelor's or Master's examination. ³The deadline according to Sentence 2 may be exceeded by the following periods (extended deadline):

1. Preliminary examination – by one semester
2. Bachelor's examination – by two semesters
3. Master's examination – by one semester

⁴An examination shall be considered to have been sat and failed for good if the required number of ECTS credits stipulated in the **degree programme and examination regulations** was not obtained within the extended deadline according to Sentence 3, unless the reasons for this are beyond the student's control.

(2) The deadline set forth in Paragraph 1 shall be extended by claiming the periods of protection set forth in Section 3 (2) and Section 6 (1) of the Maternity Protection Act (Mutterschutzgesetz) and the periods for parental leave according to Section 88 (1)(1)(2) of the Bavarian Public Servants Act (BayBG), and Sections 12 to 15 of the Holiday Act (Urlaubsverordnung).

(3) ¹The reasons according to Paragraphs 1 (4) and 2 shall be explained in writing and shown credibly to the Examinations Office without delay. ²If the reasons are acknowledged, the examination shall be sat at the soonest possible time; already available examination and course achievements shall be accredited. ³In case of an incapability to sit the examination occurring before or during the examination, the examiner shall be notified immediately; in cases where the student is unable to sit an examination due to illness, an official doctor's certificate shall be submitted at the same time. ⁴The Examinations Committee may demand that the student submits a certificate from an official medical examiner.

Section 8 Examinations Committee

(1) ¹An Examinations Committee consisting of six members of the Department of Chemistry and Pharmacy shall organise the examinations. ²The chairperson, their

representative and the further members of the Examinations Committee shall be professors at the Department of Chemistry and Pharmacy appointed by the Faculty Council based on the Department's recommendation. ³The term of office of the members shall be two years. ⁴Re-election shall be permitted.

(2) The chairperson may transfer tasks within their responsibility to a member of the Examinations Committee.

(3) ¹The Examinations Committee shall be tasked with carrying out the examination procedures, especially the planning and organisation of the examinations. ²Its duties include ensuring that the provisions of these examination regulations are observed. ³With the exception of the examinations themselves and their evaluation, all decisions shall be taken by the Examinations Committee. ⁴It shall send out the examination notifications in particular, after having verified the examination achievements and their legitimacy. ⁵It shall regularly report to the Faculty Council on the development of examinations and study periods. ⁶The members of the Examinations Committee shall have the right to be present during the examinations.

(4) ¹The Examinations Committee shall have a quorum when all members are summoned observing a notice period of at least one week and the majority of members are present and eligible to vote. ²Decisions shall be taken with the majority of votes cast in meetings. ³Abstentions, ballot votes and delegation of votes shall not be permitted. ⁴In case of a tie of votes, the vote of the chairperson shall be decisive.

(5) ¹The chairperson shall call the meetings of the Examinations Committee. ²The chairperson shall be entitled to take decisions that cannot be delayed on the Examinations Committee's behalf. ³The Examinations Committee shall be informed of such cases without delay. ⁴Furthermore, unless these examination regulations state otherwise, the Examinations Committee shall have the right to revocably charge the chairperson with carrying out individual tasks.

(6) ¹Official notifications in matters pertaining to examinations that may result in the infringement upon a person's rights shall be made in writing; reasons shall be given and information on legal remedies available to the person shall be included. ²Students shall be given the opportunity to make a statement before negative decisions are finalised. ³The Examinations Committee shall have the right to rule that grade notifications may be made public in the form of a bulletin or may be sent out in digital form. ⁴The President shall issue the notification of objection; in questions of examination legislation following consultation with the Examinations Committee and after hearing the examiners.

Section 9 Examiners, Exclusion due to Personal Involvement, Obligation to Confidentiality

(1) ¹The Examinations Committee shall appoint the examiners. ²All persons eligible to administer examinations according to the Bavarian Higher Education Act (BayHSchG) and the Bavarian Higher Education Examiners Act (BayHSchPrüferV) as amended from time to time shall be eligible for appointment. ³If the membership with the University of an eligible examiner ends, their eligibility as an examiner shall usually remain intact for up to one year. ⁴The Examinations Committee shall have the right to extend this period upon request.

(2) A change of examiners shortly before the start of an examination shall be permissible on urgent grounds.

(3) ¹Persons who have completed the degree programme in question or a degree programme related to it shall be eligible for appointment as observers. ²Observers shall be research associates (*wissenschaftliche Mitarbeiter*) as their primary occupation.

(4) Exclusion from the deliberation and voting process of the Examinations Committee as well as from the positions of examiner and observer due to personal involvement shall be governed by Section 41 (2) BayHSchG.

(5) The obligation to confidentiality of the Examinations Committee and other persons involved in matters pertaining to examinations shall be governed by Section 18 (3) BayHSchG.

Section 10 Announcement of Examination Dates and Examiners; Registration, and Withdrawal

(1) The dates of the examinations and the examiners shall be announced by the Examinations Office in time and according to local practice.

(2) ¹In the Bachelor's degree programme, students are registered for the individual module examinations according to the study plan in the appendices of the degree programme and examination regulations. ²An examination achievement shall be graded as 'nicht ausreichend' (unsatisfactory; 5.0) if the student withdraws from the examination without good reasons. ³The reasons for withdrawal shall be explained in writing and shown credibly to the Examinations Committee without delay. ⁴If the Examinations Committee accepts the reasons, a new date shall be appointed. ⁵In cases where the student is unable to sit an examination due to illness, the Examinations Committee may demand that the student submit a certificate from an official medical examiner. ⁶In case of withdrawal from an examination due to illness after the examination has started, the student must submit a certificate from an official medical examiner to the Examinations Committee without delay.

(3) ¹Master's students shall register for the individual module examinations during the periods determined by the Examinations Office. ²The registration dates and formalities shall be announced according to local practice four weeks prior. ³The deadlines set forth in Sections 7 and 28 notwithstanding, withdrawal from written and oral examinations shall be permitted without stating reasons up until the end of the third workday before the examination date; withdrawals are to be submitted to the examiner. The days between and including Mondays and Fridays shall be considered as workdays. ⁴An examination achievement shall be graded as 'nicht ausreichend' (unsatisfactory; 5.0) if the student withdraws from the examination later than three workdays before the examination without good reasons. ⁵Paragraph 2 (3) to (6) shall apply accordingly.

Section 11 Admissions Committees for Master's Degree Programmes

(1) ¹The evaluation of the qualification and admission requirements for a Master's degree programme shall be the responsibility of the Admissions Committee appointed jointly for the Master's degree programmes Chemistry and Molecular Science.

(2) ¹The Admissions Committee shall consist of the chairperson and two further professors from the Department of Chemistry and Pharmacy appointed by the School Council for a period of three years; re-election shall be permitted. ²Section 8 (4) and (5) shall apply accordingly.

Section 12 Accreditation of Study Periods, Course and Examination Achievements

(1) ¹Study periods, modules, course and examination achievements achieved in degree programmes at other public or state-approved universities in the Federal Republic of Germany, through successful participation in a distance course as part of a degree programme at a public or state-approved university in the Federal Republic of Germany, or in degree programmes at foreign universities shall be accredited according to these examination regulations unless there are significant differences in the skills acquired. ²The same shall apply to study periods, course and examination achievements achieved at a public or state-approved university in Bavaria in the course of other study programmes within the meaning of Section 56 (6)(1) and (2) BayHSchG, in special study programmes within the meaning of Section 47 (3)(1) BayHSchG, or at the Virtual University of Bavaria.

(2) ¹Skills acquired in the course of successfully completed vocational training, courses of secondary education or other specific courses within the meaning of Section 56 (6)(3) BayHSchG, or any other vocational practice may be accredited if they are equivalent to skills acquired through university studies. ²Skills acquired outside the university sector shall replace no more than half of the required skills of which students must provide proof.

(3) ¹The grades of accredited modules, examinations and course achievements shall be accredited if they are recognised as equivalent according to the recommendations of the data stored in the database anabin (information portal for the recognition of foreign educational achievements) and if the grades were formed according to Section 18. ²If the grading system applied in the examinations sat at a university or equivalent institution of higher education and accredited by FAU Erlangen-Nürnberg is not identical to the grading system set forth in Section 18, the grades achieved at other universities are converted according to the following formula:

$$x = 1 + 3 (N_{\max} - N_d) / (N_{\max} - N_{\min})$$
 with

x = converted grade

N_{max} = best grade attainable

N_{min} = lowest grade for passing

N_d = grade attained

³Only one decimal place is shown for the grades thus calculated. ⁴If conversion is not possible, the Examinations Committee usually determines a system by which to calculate the grades.

(4) ¹The documents needed for this accreditation shall be submitted to the chairperson of the Examinations Committee. ²If the conditions set forth in Paragraphs 1–6 are met, the student shall have a legal claim to accreditation. ³The decision shall rest with the chairperson of the Examinations Committee after consultation with the department representative appointed by the department in question; the decision shall be issued in writing.

Section 13 Breach of Regulations, Fraud

(1) ¹In case of an attempt to commit fraud or to influence the result of an examination through the use of unauthorised materials, the examination in question shall be graded as 'nicht ausreichend' (unsatisfactory; 5.0). ²Persons who disturb the orderly examination process may be excluded from continuing the examination by the authorised examiner or the supervising person; in this case the examination achievement in question shall be considered to be 'nicht ausreichend' (unsatisfactory; 5.0).

(2) The decision on exclusion from further participation in the examination shall rest with the Examinations Committee.

Section 14 Revocation of Degrees

The revocation of Bachelor's and Master's degrees shall be governed by Section 69 BayHSchG.

Section 15 Faults in the Examination Process

(1) Should it turn out that the examination process was faulty in a manner that influenced the result of the examination, it shall be ordered, either upon a student's request or ex officio, that a certain student or all students shall resit the examination or parts of the same.

(2) Faults in the examination process shall be reported to the chairperson of the Examinations Committee or the examiner without delay.

(3) Six months after completion of the examination, resit examinations may no longer be ordered ex officio as stipulated in Paragraph 1.

Section 16 Written Examination

(1) In written examinations (*Klausur, Hausarbeit* or *Seminararbeit*) students are required to prove that they are capable of identifying a problem within a limited period and with limited materials, using the conventional methods employed in their field, and to find a solution to this problem.

(2) The duration of the written examination shall be governed by the relevant **degree programme and examination regulations**.

(3) ¹Written examinations shall generally be graded by the author of the examination questions. ²If a written examination achievement is graded as 'nicht ausreichend' (unsatisfactory), it shall be presented to a second examiner for evaluation.

(4) ¹*Klausuren* may take the form of multiple-choice examinations (single or multiple choice), either in full or in part. ²It must be specified during the design of the examination questions which of the answers shall be accepted as correct. ³If the question does not allow multiple answers, multiple answers shall be inadmissible and disregarded. ⁴Before the evaluation of the examination results, at least two of the authors of the examination shall assess whether the examination questions allow for reliable examination results. ⁵Should they determine that individual examination questions are faulty, these shall not be taken into account in the evaluation of the examination result; the number of examination questions shall be considered to have been reduced. ⁶This reduction of the number of examination questions may not result in disadvantages for any of the examinees. ⁷No minus points may be awarded outside of individual examination questions.

5) ¹The examinations according to Paragraph 4 (1) shall be considered to have been passed if

1. 1. The examinee answered at least 50 percent of the examination questions correctly/achieved at least 50 percent of the attainable points, or
2. 2. The examinee answered at least 40 percent of the examination questions correctly/achieved at least 40 percent of the attainable points and the number of correct answers is no more than 17 percent below the average number of correct answers for examinees sitting the examination for the first time.

²If Sentence 1 (2) is applied, the Dean of Studies shall be notified.

(6) In case of written examinations that are not entirely composed of multiple choice questions, Paragraphs 4 and 5 shall only apply for this part.

(7) Section 18 (2) shall apply to grading.

Section 17 Oral Examination

(1) ¹In oral examinations students are required to prove that they grasp the context of their subject and can handle specific questions in this context. ²Oral examinations shall be conducted in the presence of an observer appointed by the examiner.

(2) ¹The duration of oral examinations shall be governed by the relevant degree programme and examination regulations.

(3) In oral examinations before several authorised examiners, every examiner shall determine the grade according to Section 18.

(4) ¹Minutes shall be recorded for oral examinations; they shall include the following: time, date and duration of the examination; subject and result of the examination; the names of the examiners, the observer and the student; and any special occurrences. ²The minutes shall be signed by the authorised examiners and the observer. ³It shall not be necessary to record the questions asked in the examination or the answers given.

Section 17a Electronic Examinations

¹Examinations may be administered in electronic form. ²Electronic examinations (e-examinations) are examinations which are administered and evaluated via computer-aided or digital media. ³The authenticity and integrity of the examination results shall be verified. ⁴Automatically calculated evaluations of examination achievements shall be verified by one examiner at the request of the examinee or two examiners in case of a failed examination.

Section 18 Evaluation of Examinations, Grade Scale, Final Grade

(1) ¹The evaluation of individual examinations shall be expressed by the examiners with the following ratings and grades:

Excellent	= (1.0 or 1.3)	an outstanding achievement;
gut (good)	= (1.7 or 2.0 or 2.3)	an achievement that exceeds the average requirements considerably
befriedigend (satisfactory)	= (2.7 or 3.0 or 3.3)	an achievement that fulfils average requirements;
ausreichend (sufficient)	= (3.7 or 4.0)	an achievement that fulfils the requirements despite flaws;
nicht ausreichend (unsatisfactory)	= (4.3 or 4.7 or 5.0)	an achievement that no longer fulfils requirements due to considerable flaws.

²An examination (Section 6 [2]) shall have been passed if it has received at least the grade 'ausreichend' (sufficient). ³For ungraded examinations (Section 6 [3][4]) the rating shall be 'mit Erfolg teilgenommen' (pass) or 'nicht mit Erfolg teilgenommen' (fail). ⁴Except when otherwise stipulated in the **degree programme and examination regulations**, a module examination shall have been passed when all partial achievements (Section 6 [2]) have been passed. ⁵ If an examination has several examiners or several partial achievements, the total grade is calculated from the weighted average of the individual grades. ⁶One decimal place shall be shown in the calculation of the grade; further decimal places shall be omitted without being rounded.

(2) ¹Multiple choice examinations shall be evaluated as follows: ²Students who answer the required minimum of examination questions according to Section 16 (4)(1) correctly shall receive the grade

1.0 (sehr gut/excellent) if at least 75 percent of the remaining questions were answered correctly,

2.0 (gut/good) if at least 50 percent but less than 75 percent of the remaining questions were answered correctly,

3.0 (befriedigend/satisfactory) if at least 25 percent but less than 50 percent of the remaining questions were answered correctly,

4.0 (ausreichend/sufficient) if no or less than 25 percent of the remaining questions were answered correctly.

³The grades can be increased or decreased by increments of 0.3 according to the percentage; the grade 0.7 shall not be awarded. ⁴Students who do not achieve the required minimum shall receive the grade 5.0. ⁵Sentence 4 notwithstanding, the grades 4.3, 4.7 and 5.0 may be awarded in cases in which examinations according to Section 17 (5) partly takes the form of a multiple choice examination.

(3) The preliminary examination (Grundlagen und Orientierungsprüfung) shall have been passed if the requirements stipulated in Section 25 of these examination regulations and in the relevant **degree programme and examination regulations** have been fulfilled.

(4) ¹The overall grade of the preliminary examination, the Bachelor's examination, the Master's examination and the modules shall be as follows:

at an average of up to 1.5 = sehr gut (excellent)

at an average between 1.5 and 2.5 = gut (good)

at an average between 2.5 and 3.5 = befriedigend (satisfactory)

at an average between 3.5 and 4.0 = ausreichend (sufficient)

²Students who pass the Bachelor's or Master's examination with a final grade between 1.0 and 1.2 shall receive the overall assessment 'mit Auszeichnung bestanden' (passed with distinction).

(5) ¹With the Examinations Committee's approval, the module co-ordinator shall disclose in the module catalogue how the module grade is calculated from the evaluations of the individual parts of the module examination (Section 6 [2]); Paragraph 1 (6) shall apply accordingly. ²If the Bachelor's and Master's thesis modules consist of a thesis and an oral part, the relevant degree programme and examination regulations may stipulate that the Bachelor's and Master's thesis as well as the rest of the module shall be weighted according to their number of ECTS credits in the calculation of the module grade. ³If no graded examination is conducted, the successfully completed module shall be rated as 'mit Erfolg teilgenommen' (pass).

(6) ¹The final grade of the preliminary examination shall be calculated using all module grades from the modules required for passing the preliminary examination with the weighting of their ECTS credits. ²In case of several possible modules, the better results shall be used.

(7) ¹All module grades of the Bachelor's degree programme shall be included in the calculation of the final grade of the Bachelor's examination with the weighting of the ECTS credits. ²Paragraph 1 (6) shall apply accordingly.

(8) ¹All module grades of the Master's degree programme shall be included in the calculation of the final grade of the Master's examination with the weighting of the ECTS credits. ²Paragraph 1 (6) shall apply accordingly.

(9) The **degree programme and examination regulations** may stipulate that individual module examinations shall be given a different weighting in the calculation of the final grade of the Bachelor's or Master's examination.

Section 19 Invalidity of Examinations

(1) If fraudulent methods were used during the examination and if this only becomes known after the certificate has been awarded, the Examinations Committee may correct the grade after the fact and declare the examination as having been failed in part or in full.

(2) If the requirements for admission to the examination were not fulfilled while no fraudulent acts were committed wilfully and if this fact only became known after the certificate has been awarded, these circumstances shall be considered remedied by the passing of the examination.

(3) Students shall be given the opportunity to make a statement before a decision is taken.

(4) ¹The incorrect certificate shall be withdrawn; a new certificate shall be issued if applicable. ²A decision according to Paragraph 1 and Paragraph 2 shall be excluded after a period of five years starting with the certificate's date of issue.

Section 20 Inspection of Examination Records

(1) After the completion of the individual examination procedures, students shall on request be entitled to inspect their written examination papers, the corresponding reviews by the examiners, and the examination minutes.

(2) ¹Students shall submit the request to the responsible examination body within one month of being notified of their grades. ²Unless the Examinations Office is responsible, the examiner shall allow the inspection; further details shall be decided by the Examinations Committee. ³Students prevented from observing the deadline according to Sentence 1 without any fault of their own shall be granted restitutio in integrum according to Section 32 of the Bavarian Administrative Procedures Act (BayVwVfG) as amended from time to time.

Section 21 Report, Diploma Supplement, Transcript of Records, Certificate

(1) Students who have successfully completed a degree programme shall receive a report, a transcript of records, a diploma supplement and a degree certificate, if possible within four weeks.

(2) ¹The report shall contain the modules and module grades and the final grade of the Bachelor's or Master's examination; it shall also contain the topic of the Bachelor's or Master's thesis. ²The transcript of records lists all modules attended; the report and the transcript of records may be combined into one document. ³The transcript of records and the diploma supplement shall be issued in English and German. ⁴Further details on the diploma supplement, in particular regarding its content, shall be determined by the Examinations Committee. ⁵Information not yet available to the Examinations Office must be submitted together with the required proof by the time of the degree programme's completion at the latest; otherwise this information may no longer be taken into consideration for the documents listed in Paragraph 1.

Section 22 Notification on Failed Examinations

Upon request and submission of the required certificates as well as the de-registration certificate, students who have failed the Bachelor's or Master's examination for good shall receive a written confirmation showing that the examination was failed, which grades were achieved in the individual module examinations and which examination achievements are still missing.

Section 23 Adjustments to Examination Arrangements

(1) ¹The examination procedure shall be adjusted to take into account the nature and extent of a student's disability. ²Students with a doctor's certificate showing credibly that they are either in part or fully incapable of sitting the examination in the intended manner due to long-term or permanent physical disabilities shall be entitled to have the permission of the chairperson of the Examinations Committee to carry out equivalent coursework or examinations in a different form.

(2) Paragraph 1 shall apply to pregnant students if the student submits a medical certificate, at least four weeks before the examination date, confirming that she will be at least 30 weeks pregnant by the examination date.

(3) ¹Decisions according to Paragraphs 1 and 2 shall only be made by the chairperson of the Examinations Committee upon written request. ²The student may be required to submit an official certificate from a medical examiner proving the fulfilment of the conditions in Paragraph 1.

Part II: Bachelor's Examination

Section 24 Admission Requirements for Examinations

(1) ¹Students enrolled in a Bachelor's degree programme shall be deemed as admitted to the Bachelor's examination and the module examinations of which the Bachelor's examination consists, unless admission is to be refused. ²Admission shall be refused if:

1. Requirements are not met or certificates are not submitted at all or not in due time as stipulated in the special provisions of these examination regulations and in the **degree programme and examination regulations**
2. The preliminary examination, the Bachelor's examination, the Diplom intermediary examination or the Diplom examination in the same subject or in a related subject has been failed for good
3. De-registration of the student resulting in the revocation of the student's right to sit the examination is effected

(2) If admission to the examinations is to be refused, the decision shall be taken without delay, furnished with reasons and information on legal remedies available and announced to the student.

Section 25 Preliminary Examination (Grundlagen- und Orientierungsprüfung, GOP)

(1) In the preliminary examination students should prove that they:

- can fulfil the requirements of an academic course of study in the chosen subjects
- have acquired the methodological skills required to continue their studies successfully

(2) ¹The preliminary examination shall have been passed when at least 30 ECTS credits have been earned from the modules designated as part of the preliminary examination in the relevant degree programme and examination regulations and all requirements stipulated in the relevant degree programme and examination regulations have been fulfilled. ²The relevant degree programme and examination regulations shall specify subject, type and scope of the preliminary examination.

Section 26 Bachelor's Examination

¹The **degree programme and examination regulations** shall specify subjects, type and scope of the Bachelor's examination. ²The Bachelor's examination shall have been passed if all subject modules required according to the **degree programme and examination regulations** have been passed achieving 180 ECTS credits.

Section 27 Bachelor's Thesis

(1) ¹The Bachelor's thesis is supposed to show that the student is capable of dealing with a problem from their field independently according to scientific methods within a set period and presenting the results in an appropriate form. ²Students are awarded 10 ECTS credits for the Bachelor's thesis.

(2) ¹Unless the **degree programme and examination regulations** state otherwise, full-time university lecturers at the Department of Chemistry and Pharmacy for the degree programme in question (supervisors) shall be entitled to assign Bachelor's theses. ²The Examinations Committee shall have the right to grant and regulate exceptions. ³The Examinations Committee may permit students to write their Bachelor's thesis at an institution outside the University if supervision there is ensured.

(3) ¹Students shall ensure that they receive a subject for their Bachelor's theses at the latest by the start of the last semester of the degree programme's standard duration. ²To be admitted to the Bachelor's thesis students must have obtained at least 110 ECTS credits as well as successfully completed the preliminary examination, unless the relevant degree programme and examination regulations state otherwise. ³The Examinations Office shall be notified of the subject and the date of allocation. ⁴Should a student, despite a genuine effort to that end, not be allocated a subject, the chairperson of the Examinations Committee shall, in consultation with a representative of the student's department, allocate a subject and a supervisor to the student.

(4) ¹The period between the allocation of the subject and the date of the Bachelor's thesis' submission (standard thesis work period) shall be eight weeks; it may be extended by two weeks upon request and the supervisor's approval. ²The scope of the subject must be such that it can be dealt with within the standard thesis work period. ³An extension shall only be permitted in justified, exceptional cases. ⁴If a student submits a doctor's certificate proving that they are incapable of working on the thesis, the period for thesis work shall be held in abeyance.

(5) ¹The subject of the Bachelor's thesis may only be returned once and within the first three weeks of the thesis work period; returning the subject shall not be permitted for repetitions of the Bachelor's thesis. ²If the subject is returned where it is not admissible, the Bachelor's thesis shall receive the evaluation 'nicht ausreichend' (unsatisfactory; 5.0).

(6) ¹Unless otherwise stipulated in the **degree programme and examination regulations**, the thesis shall be written in German, or in English with the permission of the supervisor. ²With the supervisor's agreement, the chairperson of the Examinations Committee may permit students to write the thesis in a different language upon request.

(7) ¹The thesis shall be submitted to the Examinations Office in triplicate as well as in a machine-readable, electronic version. ²The Examinations Office shall notify the supervisor of the date of submission and forward the thesis to them without delay. ³The Bachelor's thesis shall include a declaration by the student confirming that the thesis is an original work and that no other sources or materials than the ones listed were used.

(8) ¹The thesis shall generally be evaluated by the supervisor and another examiner appointed by the chairperson of the Examination Committee; Section 16 (3) shall apply accordingly. ²The chairperson of the Examinations Committee shall work towards

the Bachelor's thesis being graded within one month. ³The thesis shall have been accepted if the arithmetic average of the grades from the two examiners is at least 'ausreichend' (sufficient); otherwise it shall be rejected. ⁴Only one decimal place shall be shown in the final thesis grade.

(9) ¹If a Bachelor's thesis is rejected, it may be repeated once; a second repetition or revision shall not be permitted. ²The student shall ensure that they receive a new subject for the repetition of the Bachelor's thesis within two months following the announcement of the rejection; otherwise the Bachelor's thesis shall be regarded as having been failed for good; Paragraph 3 (4) shall apply accordingly. ³Paragraphs 1 to 8 shall apply accordingly to the repetition.

Section 28 Resit Examinations

(1) ¹With the exception of the preliminary examination and the Bachelor's thesis, every module examination or partial module examination may be resat twice; course achievements may be repeated as often as necessary. ²The resit examination shall be limited to the failed examination or course achievement. ³Examinations that can be part of the preliminary examination according to the relevant degree programme and examination regulations may only be resat once; Section 27 (9) shall apply to repetition of the Bachelor's thesis. ⁴Resit examinations shall take place at the earliest possible date, which is usually within six months of notification of the first examination result. ⁵The student shall be considered as registered for the next resit examination. ⁶The deadline for resit examinations shall not be interrupted by de-registration, change to or from a degree programme, or leave. ⁷If a student misses the resit examination or the resit period is not observed, the examination shall be deemed to have been failed unless the Examinations Committee grants the student a respite due to special reasons beyond the student's control. The standard deadlines according to Section 7 shall continue to apply. ⁸The provisions regarding maternity protection and parental leave (Section 7 [2]) shall apply.

(2) ¹Voluntarily resitting a passed examination of the same module shall not be permitted. ²Unless the **degree programme and examination regulations** state otherwise, alternative modules may be completed to replace failed modules; the failed attempts in the previous alternative module shall be counted. ³The same shall apply to modules that are attended and completed within the examination periods in Section 7 in addition to successfully completed modules. ⁴If a student completes additional modules, they shall decide which of the modules shall go into the calculation of the final grade. ⁵Students shall notify the Examinations Office of their decision at the latest by the end of the degree programme. ⁶The choice shall thus become binding. ⁷If no choice is made, the Examinations Office shall count the better achievements out of the student's achievements for a semester. ⁸The achievements that are left out shall not be counted towards the grade but shall be listed in the transcript of records.

III. Master's Examination

Section 29 Qualification for a Master's Degree Programme

(1) Qualification for a Master's degree programme shall be proved through:

1. An undergraduate degree that is subject-specific or subject-related to the Master's degree programme in question from a university or another degree with equivalent content; the **degree programme and examination regulations** of the Master's degree programmes shall govern the subject-specific and subject-related degrees according to Clause 1.
2. English language skills on the CEFR (Common European Framework of Reference for Languages) level B2 – Vantage or upper intermediate.
3. Passing the qualification assessment process according to **Appendix 1**.

(2) ¹The degrees according to Paragraph 1 (1)(1) must be equivalent to the subject-specific Bachelor's examination with regard to the expertise gained according to these examination regulations including the relevant degree programme and examination regulations. ²If no full equivalence with regard to gained expertise is given, the Admissions Committee may grant admission under the condition that proof of further achievements worth up to a maximum of 20 ECTS credits and to be determined by the Admissions Committee be submitted within one year of taking up studies for a Master's degree. ³Section 61 (4) and Section 63 BayHSchG shall apply to the assessment of equivalence of German and foreign degrees. ⁴Sentence 2 shall apply to subject-related degrees accordingly.

(3) ¹Paragraph 1 (1) notwithstanding, students enrolled in a Bachelor's degree programme may be admitted to a Master's degree programme if they have achieved at least 140 ECTS credits and make a request stating reasons. ²Proof of the successfully completed Bachelor's degree shall be submitted at the latest within one year of beginning the degree programme; completing the Bachelor's degree programme is a prerequisite for formally starting the Master's degree. ³Admission to the Master's degree programme shall be granted with reservations.

Section 30 Admission to Examinations

¹Students enrolled in a Master's degree programme shall be deemed as admitted to the Master's examination and the module examinations of which the Master's examination consists, unless admission is to be refused. ²Admission shall be refused if:

1. Conditions are not met or certificates are not submitted at all or not in due time as stipulated in the degree programme and examination regulations
2. The Diplom or Master's examination in the subject-related degree programme has been failed for good
3. De-registration of the student resulting in the revocation of the student's right to sit the examination is effected

Section 31 Master's Examination

(1) ¹The Master's examination shall consist of the required module examinations including the Master's thesis module. ²The relevant **degree programme and examination regulations** may stipulate that the Master's thesis is to be complemented by a final oral examination. ³The Master's examination shall have been passed if all required course-related module examinations and the Master's thesis module including the oral final examination module, where applicable, have been passed.

(2) The relevant **degree programme and examination regulations** shall specify subject, type and scope of the Master's examination including vocational practice.

Section 32 Master's Thesis

(1) ¹In the Master's thesis, students are supposed to show that they are capable of independently dealing with a problem from the field of chemistry in the degree programme Chemistry or from the field of molecular science in chemistry, food chemistry, pharmacy or biology for the degree programme Molecular Science within a set period and of presenting the results in English in a technically and linguistically correct manner and to put them in relation to current specialist literature. ²The Master's thesis may be written in German on the student's request. ³The Master's thesis module shall be worth 30 ECTS credits.

(2) ¹Students shall ensure that they receive a subject for their Master's theses at the latest by the start of the last semester of the degree programme's standard duration. ²The subject and the date of its allocation shall be confirmed by the supervisor and presented to the Examinations Office. ³Should a student, despite a genuine effort to that end, not be allocated a subject, the chairperson of the Examinations Committee shall, in consultation with a representative of the student's department, allocate a subject and a supervisor to the student. ⁴The **degree programme and examination regulations** may stipulate the conditions for the allocation of a Master's thesis.

(3) ¹Unless the **degree programme and examination regulations** state otherwise, full-time university lecturers at the Department of Chemistry and Pharmacy for the degree programme in question (supervisors) shall be entitled to assign Master's theses. ²The Examinations Committee shall have the right to grant and regulate exceptions. ³The Examinations Committee may permit students to write their Master's thesis at an institution outside the University if supervision there is ensured.

(4) ¹The time between the selection of a subject and the submission of the Master's thesis shall not exceed six months; the scope of the subject must be such that it can be dealt with within this period. ²The Examinations Committee shall have the right to extend the period for the Master's thesis by a maximum of three months upon receiving a justified request. ³If a student submits a doctor's certificate proving that they are incapable of working on the Master's thesis, the period for thesis work shall be held in abeyance.

(5) ¹The subject may only be returned once and with good reason and with the approval of the chairperson of the Examinations Committee within the first third of the period for thesis work. ²Otherwise the Master's thesis shall be graded 'nicht ausreichend' (unsatisfactory; 5.0) when the subject is returned; it shall be regarded as rejected.

(6) ¹The Master's thesis shall contain a summary of results at the end. ²The design of the title page shall follow the template provided by the Examinations Committee. ³The Master's thesis shall include a declaration by the student confirming that the thesis is an original work and that no other sources or materials than the ones listed were used. ⁴The thesis shall be submitted to the Examinations Office in triplicate as well as in a machine-readable, electronic version. ²The Examinations Office shall notify the supervisor of the date of submission and forward the thesis to them without delay. ⁵If the Master's thesis is not submitted in time, it shall be graded 'nicht ausreichend' (unsatisfactory; 5.0); it shall be regarded as rejected.

(7) ¹The thesis shall be evaluated by the supervisor and another examiner appointed by the chairperson of the Examination Committee; Section 16 (3)(2) shall apply accordingly. ²The chairperson of the Examinations Committee shall work towards the Master's thesis being graded within one month. ³The Master's thesis and the corre-

sponding reviews shall be circulated among all authorised examiners/university lecturers.

(8) ¹The Master's thesis shall be accepted if it receives at least the grade 'ausreichend' (sufficient). ²It shall be rejected if it receives the grade 'nicht ausreichend' (unsatisfactory).

(9) ¹If the Master's thesis is rejected or if it is regarded as rejected, it may be repeated once; a second repetition shall not be permitted. ²The student shall ensure that they receive a new subject for the repetition of the Master's thesis within the semester following the announcement of the rejection; otherwise the Master's thesis shall be regarded as having been failed for good; Paragraph 2 (3) shall apply accordingly. ³Paragraphs 1–8 shall apply accordingly for the repetition of the Master's thesis; returning the subject shall not be permitted. ⁴The chairperson of the Examinations Committee may, if this is not impossible according to the reviews and with the student's approval, permit the student to submit a revised version of the Master's thesis within six months of the announcement of its rejection; in the case of revision, Paragraphs 1–8 shall apply accordingly.

Section 33 Resit Examinations

Section 28 shall apply accordingly.

IV. Final Provisions

Section 34 Legal Validity, Transitory Provisions

(1) ¹These examination regulations shall come into effect on 01 October 2013. ²It shall apply to students starting a degree programme from the winter semester 2013/14 onwards.

(2) Students who study under the previous examination regulations for the Bachelor's and Master's degree programmes at the Faculty of Sciences from 28 November 2006 shall sit their examinations according to these examination regulations.

Appendix 1

Qualification assessment process for the Master's degree programmes 'Chemistry and Molecular Science at the Faculty of Sciences of Friedrich-Alexander-Universität Erlangen-Nürnberg

(1) The qualification assessment process for the relevant Master's degree programme shall be carried out as necessary, but at least once before the start of the lecture period of the semester preceding the regular start of a degree programme.

(2) ¹Applications for the qualification assessment process must be submitted to the University's Master's Office by 15 July for the winter semester and 15 January for the summer semester. ²Applications shall contain:

1. a certificate proving that the applicant holds a university degree according to Section 29 (1)(1)(report, transcript of records, diploma supplement or comparable documents) or a transcript of records in the case set forth in Section 29 (4).
2. an application letter
3. if the student does not have a Bachelor's degree yet, a confirmation that the applicant has been admitted to the examinations concluding the Bachelor's degree programme within the current examination period
4. applicants shall submit proof of English language proficiency on the CEFR (Common European Framework of Reference for Languages) level "B2 – Vantage or upper intermediate" with their application documents; six years of English lessons at a German Gymnasium shall also suffice as proof; applicants whose native language is English need not submit any such proof.
5. where applicable, further documents as proof of fulfilment of the requirements set forth in the relevant **degree programme and examination regulations**.

(3) ¹In accordance with Section 11, qualification assessment shall be the responsibility of the Admissions Committee of the Master's degree programme in question. ²The Admissions Committee may transfer the task of co-ordinating and carrying out the process to individual members unless otherwise stated. ³The Admissions Committee shall fulfil its obligations in co-operation with the Master's Office.

(4) ¹Admission to the qualification assessment process shall be subject to the timely and complete submission of the documents listed in Paragraph 2. ²The qualification assessment process shall be carried out with those applicants who fulfil the requirements according to the provisions in Paragraph 5. ³Applicants who are rejected shall receive a rejection notification including reasons and information on legal remedies available.

(5) ¹The relevant Admissions Committee shall carry out a preselection based on the submitted documents as part of the qualification assessment process to assess whether an applicant qualifies for a Master's degree programme. ²The Admissions Committee shall deem the applicant qualified according to the submitted documents if the final grade of the subject-specific, subject-related or equivalent degree fulfils the provisions under Section 29 (1)(1), Clause 1 and 2, or in the case of Section 29 (3) if the student has been confirmed to have achieved an average of 2.50 ('gut'/good) or better in their previous achievements. ³Applicants who cannot be admitted to the Master's degree programme in the course of the preselection shall be invited to an oral admission examination. ⁴Individual **degree programme and examination regulations** can specify whether candidates with a degree from a related subject or a degree that is not entirely equivalent to the admissions requirements according to Sentence 2 (1) shall be subject to an oral admission examination for admission to the Master's degree programme. ⁵The date of the oral admission examination shall be

announced at least one week in advance. ⁶If an applicant should be unable to attend the examination due to reasons beyond their control, a second date may be set upon justified request up until two weeks before the start of the lecture period. ⁷The oral admission examination shall generally be held as an individual examination and have a length of approximately 20 minutes; it may be held as a group examination with a maximum of five applicants and a length of about 20 minutes per applicant. ⁸With the applicant's approval, the oral admission examination may be conducted via video telephone. ⁹The oral admission examination shall be conducted by at least one member of the Admissions Committee in the presence of an observer; Section 17 (4) shall apply accordingly. ¹⁰The oral admission examination is supposed to demonstrate that the applicant possesses the required technical and methodological expertise and can be expected to carry out independent academic work in a more research-orientated degree programme; the individual **degree programme and examination regulations** shall specify the criteria of the examination. ¹¹The examination shall be rated as 'bestanden' (pass) or 'nicht bestanden' (fail). ¹²Applicants shall be notified of the result of the oral admission examination in writing. ¹³A rejection notification shall include reasons and information on the legal remedies available.

(6) Applicants shall bear their own costs resulting from the qualification assessment process themselves.

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Erlangen, 25 July 2013

Prof. Dr. Karl-Dieter Gröske
President

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