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**EXAMINATION AND COURSE REGULATIONS FOR
THE MASTER'S DEGREE PROGRAM
ADVANCED SYNTHESIS AND CATALYSIS
AT UNIVERSITÄT REGENSBURG
FROM JUNE 8, 2016**

AS MODIFIED BY THE RESOLUTION OF MAY 27, 2019

On the basis of Art. 13 Para. 1 Clause 2, in conjunction with Art. 43 Para. 5 Clause 2, Art. 58 Para. 1 Clause 1, and Art. 61 Para. 2 Clause 1 of the Bavarian Higher Education Act (BayHSchG), Universität Regensburg decrees the following examination and course regulations:

Preliminary remarks on language:

All terms in these rules relating to people and functions apply to both men and women in the same way.

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I. General regulations

§ 1

Scope of application

¹Universität Regensburg offers the master's degree program Advanced Synthesis and Catalysis.

²These examination and course regulations apply to earning course and examination credits and the award of academic degrees in this program.

§ 2

Assessment objectives, academic degree

- (1) ¹The master's examinations, which are to be completed during one's studies, conclude the further degree program, which qualifies the holder professionally. ²The master's assessment is used to determine if the student has acquired the in-depth technical knowledge from the modules chosen in the master's program. ³The master's examinations should ensure that the student can work independently according to scientific methods and has acquired the necessary technical knowledge and skills for transition to a doctoral program or occupational practice.
- (2) Universität Regensburg awards the academic degree "Master of Science" (abbreviated "M.Sc.") based on passing the master's examinations.

§ 3

Beginning studying, standard period of study, program structure

- (1) The program can be started in either the summer or winter semester.
- (2) The standard period of study for the master's program is four semesters.
- (3) ¹The program has a modular structure. ²The master's program includes both the successful completion of the designated modules and the production of the final thesis.

- (4) (4) A total of 120 credit points (CP) are necessary to successfully complete the master's program.
- (5) It is recommended to undertake a stay abroad planned as part of the master's program between the second and the fourth semesters.
- (6) The language of instruction for the master's degree program is English.

§ 4 Qualification

- (1) The prerequisites for admission to this master's degree program are:
 - 1. A university degree or equivalent qualification with at least six semesters' standard period of study in a bachelor's program in Chemistry or a related subject, and with an average grade of 2.50 or better; for degrees obtained abroad, grades are converted using the modified Bavarian formula (modifizierte bayerische Formel).
 - 2. Certification of eligibility for the specific program. This is obtained by successfully completing the eligibility test in accordance with the appendix.
 - 3. Certification of English language proficiency at level B2 of the Common European Framework of Reference for Languages (CEFR).
- (2) ¹Checking that the prerequisites have been fulfilled in accordance with Para. 1 is incumbent on the examination committee. ²§ 15 Para. 3 applies.
- (3) If it is not possible to present the graduation certificate at the time of the application, then qualification can be alternatively demonstrated in accordance with Para. 1 Clause 1 No. 1 via current accredited evidence of the courses and examinations already completed in the program comprising at least 140 CP. This evidence must show the provisional overall grade arising from the grades already achieved.
- (4) ¹Applications for admission to the master's program and for the eligibility test are to be made by December 1 for the summer semester and June 1 for the winter semester (cutoff deadlines) to the chemistry course coordinator. ²If at the time of matriculation, the degree certificate cannot be presented, then the matriculation will be provisional. The matriculation must then be confirmed by presenting the degree certificate at the latest at the end of the first semester.
- (5) ¹Applicants for the master's program who did not complete their undergraduate degree or did not qualify for university entrance at a German-speaking institution must show basic knowledge of the German language. ²This must be shown via language courses (basic courses) comprising at least 120 teaching hours. ³If this proof of German proficiency cannot be given at the time of enrollment, then the matriculation will be provisional. The matriculation must then be confirmed by presenting such proof at the latest at the end of the first year of the studies.

§ 5 Course counseling

¹Both the Central Course Counseling and a Course-specific counseling Service offer advice for students. ²We advise you to consult

the Central Course Counseling, in particular

- before starting one's studies,
- if you change course or university;

the course-specific counseling Service, in particular

- for all questions relating to course planning and scheduling,
- for questions relating to recognition of courses and examination credits,
- following failure in an examination;

the International Office, in particular before taking a stay abroad.

§ 6

Credit-point system and credit-point account

- (1) ¹The credit points awarded for the master's programs measure the workload necessary to successfully complete a module. ²They are awarded on the basis of the European Credit Transfer System (ECTS); accordingly one credit point (Leistungspunkt or CP) corresponds to a workload for the student of between 25 and 30 hours, including attending courses and private study. ³In order to be able to keep to the standard period of study, according to § 3 Para. 2, it is recommended that the student earn an average of 30 LP per semester.
- (2) ¹Credit points are awarded both for the successful completion of a module and for the successful preparation of the master's thesis. ²They can be credited only once within the degree program.
- (3) ¹The central examination office will maintain a credit-point account for each student, detailing all modules including those examination and course credits taken towards his or her successful completion of the program. ²The student can see the status of his or her account via the university's electronic examination management system at any time. ³If the program is stopped or conclusively failed, the student, on request, will receive a summary of his or her account as a transcript; this includes the credit points awarded and the successfully completed modules, where applicable with their grades, and will make it clear if the student still has the right to take examinations.

§ 7

Teaching activities, study credits and examination credits

- (1) ¹The following types of teaching activity are designed to convey the aims and content of the program:
Lectures
Exercise courses
Seminars
Tutorials
Laboratory courses
²All teaching activities are assigned to modules (§ 8). ³This assignment arises from the module catalog (§8 Para. 5).

- (2) ¹Course credits, under these regulations, are tasks which are generally to be performed as part of teaching activities. They can also be specified more closely in § 14 as additional prerequisites of a module exam. ²Course credits are presentations, talks, holding a tutorial, exercises, reports, protocols, invigilated examinations, seminar papers and term papers.
- (3) ¹Examinations and examination credits, under these regulations, are module examinations and the thesis. ²Course credits are not subject to the provisions relating to examinations in accordance with Part II of these regulations, and can be repeated as often as desired.

§ 8 Modules

- (1) ¹A module contains a unit which is subject to examination; to which credit points are assigned; and which integrates the subject areas at a particular level thematically. ² It should generally correspond to at least 12 credit points and be possible to complete in at most two semesters. ³There are graded and ungraded modules. Graded modules are counted towards the overall grade of the master's degree in accordance with § 27.
- (2) ¹The following will be determined for every module: the contents to be imparted, the skills and competency to be gained, and the prerequisites for gaining the credit points assigned to the module. ²The credit points determined for a module are awarded following the successful completion of the module. ³The prerequisites for the successful completion of a module are:
- a) passing a module examination in accordance with § 16, and / or
 - b) successfully completed course credits in accordance with § 7 Para. 2.
- (3) ¹In general, it should only be necessary obtain one examination credit (in the sense of § 7 Para. 3) to successfully complete a module. ²Substantiated exceptions to this may provide for up to three binding examination credits per module. However, a total average examination load of six examinations per semester may not be exceeded.
- (4) ¹The program contains compulsory modules. ²Compulsory modules must be taken and successfully completed.
- (5) ¹The individual curricular activities assigned to a module; the contents to be imparted, the skills and competency to be gained; the prerequisites for gaining the credit points assigned to the module; the module-specific evaluation rules; and, where necessary, the recommended prior knowledge for participation in a module are imparted in a module catalog. ²The module catalog is adopted by the examination committee in agreement with the faculty board. It may not be changed before two semesters have passed. ³The promulgation of the module catalog will take place on the university's website one week before the start of a semester at the latest.

§ 9 Examination committee

- (1) ¹An examination committee will be formed to organize and carry out the examinations, appoint examiners and observers, and make decisions concerning examinations. ²It will consist of five

members. ³The faculty board appoints the members. ⁵The term of office for members of the examination committee is two years. Reappointment is possible.

- (2) ¹The examination committee selects a chair and deputy from among their number. ²The chair carries out the ongoing business and calls the meetings of the committee. ³He or she is authorized to make urgent decisions and take urgent action on behalf of the examination committee. ⁴Such matters will be communicated without delay to the examination committee. ⁵The examination committee can delegate the execution of further tasks to the chair, the deputy or the Central Examination's Office, and can revoke such a delegation.
- (3) ¹The examination committee has a quorum when all members have been invited with at least a three days' notice, the majority is present and entitled to vote. Decisions are made with a majority of the votes cast in the meeting. ²Abstaining, secret votes and transferal of voting rights are not allowed. ³When the vote is tied, the chair has the casting vote. ⁴Minutes are to be made of the meeting. These must contain the date and location of the meeting, the names of the persons in attendance, the matters discussed and motions, decision and voting results. ⁵In suitable cases, resolutions can be made with written consent in lieu of a meeting, also in electronic form, as an alternative to Clause 1.
- (4) ¹The examination committee issues the communications required by these examination regulations in writing with justification and information on the candidate's statutory rights. ²The candidate is to be given an opportunity to be heard before a decision about him or her is adopted.
- (5) The central examination office supports the examination committee in the organization and implementation of the examinations.

§ 10

Examiners and observers

- (1) ¹Any person who is authorized to carry out examinations under the relevant in-force versions of the Bavarian Higher Education Act (BayHSchG) and the act governing examiners at institutions of higher education (HSchPrüferV) can be appointed an examiner. ²Any member of Universität Regensburg can be appointed an observer who has successfully concluded a corresponding or similar scientific degree program. ³The observers do not give examinations themselves.
- (2) Any professor or associate professor (a "Hochschullehrer" in accordance with § 2 Para. 3 Clause 1 of the Bavarian University Staff Act (Bayerisches Hochschulpersonalgesetz – BayHSchPG)) can be appointed as a supervisor for the master's thesis.
- (3) ¹If a member of the university authorized to give examinations leaves Universität Regensburg, then the examination committee can, upon his or her application, decide that he or she is still to be active as an examiner for a reasonable length of time. ²Generally, the authorization to give examinations should remain unchanged for up to two years.
- (4) Should there be compelling reasons that make it necessary to change examiners at short notice before the start of the examination, this will be allowed.

§ 11

Recusal due to personal involvement, duty of confidentiality

- (1) A recusal from debate and voting in the examination committee or from an examination activity due to personal involvement is prescribed according to Art. 41 Para. 2 of the Bavarian Higher Education Act (BayHSchG).
- (2) The duty of confidentiality of the members of the examination committee, the examiners, the examination observers and other persons involved with examinations is determined by Art. 18 Para. 3 of the Bavarian Higher Education Act (BayHSchG).

§ 12

Consideration for special circumstances

- (1) ¹Upon request, for deadlines and due-dates, claims for protection periods conforming to the valid version of §§ 3, 4, 5 and 6 of the Maternity Protection Law (Mutterschutzgesetz) from May 23, 2017, and the periods in the valid versions of the laws for parental benefits and parental leave from December 5, 2006, are to be ensured. ²Appropriate documents are to be provided; changes in conditions are to be disclosed without delay.
- (2) ¹Should there be study time during which proper study is not possible or only possible in a very limited way for reasons beyond the student's control, upon request, this time will not be included in calculations of examination deadlines. ²Reasons beyond the student's control are, in particular, illness or time providing nursing care at home for seriously ill dependents. ³Appropriate documents are to be provided without delay. In particular medical certificates, in case of doubt official medical certificates, are to be shown. ⁴Changes in conditions are to be disclosed without delay.
- (3) ¹In particular, pregnant students may, on request, suspend their examination, if it is proven that an examination of the length proposed can, due to the pregnancy, not be taken. ²A medical certificate is to be provided. ³The provisions of § 13 Para. 3 apply.
- (4) It is recommended to take strictly into account the valid versions of the 'Family-friendly study and examination regulations - Universität Regensburg Guidelines'.

§ 13

Specific issues for students with disabilities or chronic illnesses

- (1) ¹The specific situation of students with disabilities or chronic illnesses is to be taken into account in an appropriate manner. ²If the student shows that, due to a disability or chronic illness, he or she is not capable of completing the course or examination credits according to § 7 either wholly or partly in the designated form or within the designated period allowed, then the examination committee allows the extension of the time allotted for completing the course or examination credits or the completion of a comparable course or examination credits in a form fitting the student's needs. ³The same applies for a possible eligibility test.
- (2) When it is foreseeable that a program cannot be carried out in the form provided for due to disability or chronic illness, there is the possibility of drawing up a study plan, in consultation

with the department and the examination committee, which is oriented on the individual's restricted capacity.

- (3) ¹The chair of the examination committee makes decisions on cases according to Para. 1 and 2 upon written request, which generally has to be made four weeks before the start of an examination at the latest, and informs the student of the decision in writing. ²Upon application according to Clause 1, the student can simultaneously express the wish that the senate's representative for students with disability or chronic illness hear the case before a negative answer is reached. ³The notification from the examination committee is to be presented when registering and taking the examination.
- (4) A medical certificate, in case of doubt an official medical certificate, is to be shown to demonstrate a chronic illness or disability.

II. Special regulations

§ 14

Constituent parts of qualification for the master's degree

¹Qualification for the master's degree consists of obtaining 120 LP. ²These are distributed in the following manner:

The successful completion of the following modules, which are described in more detail in the module catalog:

- Basic Module "Synthesis" (ASC-M SYN, 16 CP)
- Basic Module "Catalysis" (ASC-M CAT, 16 CP)
- Basic Module "Techniques (Theory)" (ASC-M TEC, 16 CP)
- Advanced Module "Techniques (Exercise)" (ASC-M ATEC, 12 CP)
- External (International) Module "Research" (ASC-M RES-EX, 12 CP)
- Concluding Module (ASC-M CON, 15 CP)
- Master Thesis Module (ASC-M MAT, 33 CP, this contains the master's thesis, which makes up 30 CP)

§ 15

Crediting expertise

- (1) ¹Periods of study, study credits and examination credits which have been completed in different programs of study at other public or publicly recognized universities in the Federal Republic of Germany; by successful participation in a distance learning unit as part of a program of study at a public or publicly recognized university of the Federal Republic of Germany; or in programs of study at foreign universities are to be credited upon taking up studies, upon resuming studies and upon taking examinations unless there are significant differences in the expertise acquired (learning outcomes). ²The same holds for periods of study, study credits and examination credits which have been completed at public or publicly recognized universities in Bavaria as part of other programs according to Art. 56 Para. 6 No. 1 and 2 or the Bavarian Higher Education Act

(BayHSchG), in particular courses offered according to Art. 47 Para. 3 Clause 1 of BayHSchG or those completed at the Virtuelle Hochschule Bayern (Bavarian Virtual University).

- (2) ¹Expertise which has been acquired as part of other further educational study according to Art. 56 Para. 6 No. 3 of BayHSchG or outside higher education can be credited when it is equivalent. ²Expertise acquired outside higher education may make up no more than a half of the expertise to be shown.
- (3) ¹If the grading system of course or examination credits achieved at a foreign university for which credits are to be awarded do not correspond to § 21, then the grade of the examination credit to be awarded will be determined according to a grade conversion key valid across the university. ²In so far as a grade conversion key has been agreed with a foreign university as part of a partnership agreement, this is binding.
- (4) ¹Crediting periods of study and course and examination credits requires a written request from the applicant. ²Generally, 30 CP will be credited for each semester of study in the subject concluded. ³The request is to be addressed to the chair of the examination committee and is to have the relevant documents attached. ⁴The documents to be supplied include, in particular, the module catalog, which shows the qualification objectives, educational content and the workload, amongst other things; and the grading system used as a basis for the evaluation. ⁵An application to credit courses not taken at Universität Regensburg may only be made once. It must be made within the first semester after taking up or resuming one's studies at Universität Regensburg. ⁶For courses completed later, the application must be completed within one semester. ⁷When the examination which is to be credited against has taken place, such a crediting is no longer permitted. ⁸The chair of the examination committee decides whether the prerequisites for awarding credits have been met, in agreement with the relevant specialist representative, taking into consideration Art. 63 of BayHSchG.

§ 16

The form of and procedure for master's examinations and module examinations

- (1) Qualification for the master's degree takes place in the course of the student's studies in the form of successfully completed modules in accordance with § 8 Para. 2.
- (2) ¹Module examinations are examinations whose result, in accordance with § 27, are included in the overall grade of the master's examination, and graduation certificate. ²The module examination is to determine whether the student has achieved the qualifications and competency of the module as specified concretely in the module catalog. ³When a subject justifies it, in exceptional cases, up to three areas of competence can be assessed separately as part of the module examination. Each of these partial credits is an examination credit in accordance with § 8 Para. 3 Clause 2. ⁴The examination result will be graded according to § 23. ⁵In cases with special justification, it is also possible to conclude more than one module with one module examination.
- (3) ¹The concrete organization (parts, form, lengths and contents) of the module examinations are displayed in the module catalog. ²The promulgation of the relevant valid module catalog will take place on the university's Internet site one week before the start of a semester at the latest.
- (4) A prerequisite for taking a module examination is that the candidate is registered as a student at Universität Regensburg.

§ 17

Examination dates, registration for module examinations

- (1) ¹Module examinations are held at least once during the time that the module takes place. ²The examination dates are to be conveyed to the students via the Universität Regensburg electronic module administration system.
- (2) ¹Registration for the examination is generally done via the Universität Regensburg electronic examination management system. ²If electronic registration is not possible, a written registration must be submitted to the examiner within the registration period.

§ 18

Written module examinations

- (1) Written module examinations can take the form of invigilated examinations, seminar or term papers or reports.
- (2) ¹If a written exam takes the form of written tasks undertaken under invigilation, then the length of the examination will be at least 60 minutes and at most 120 minutes. ²A record is to be taken. ³The invigilator has to confirm its correctness with a signature. ⁴The record is to include all incidents which could be of interest in determining the examination results.
- (3) ¹A seminar paper or term paper is to be a continuous text (possibly with tables, figures and graphs). ²Generally, it is to be between 10 and 20 pages (font size 11, single spaced).
- (4) ¹If a written examination is evaluated as "not sufficient" (nicht ausreichend), then a second examiner is to evaluate the examination. ²The overall grade is determined according to § 23 Para. 3.

§ 19

Oral module examinations

- (1) ¹Oral examinations are carried out by two examiners or an examiner and an observer in the English or German language. ²The length of the examination is at least 20 and at most 60 minutes.
- (2) ¹A record of the oral examination is to be made. This is to include: the time and place of the examination; its duration; its subject matter and result; the name of the examiners, or the examiner and the observer, and the candidate; and any special incidents. ²The record is to be signed by the examiners, or the examiner and the observer. ³The grades for an oral examination performance are determined by the examiner according to § 23.

§ 20

Master's thesis

- (1) ¹The master's thesis should, as a rule, be completed in the third and fourth semester. ²It should demonstrate that the student is able to work on a problem from the area synthesis and catalysis using scientific methods, and to convey his or her results appropriately, objectively, clearly and without problems.
- (2) ¹The topic of the master's thesis will be assigned by the supervisor (§ 10 Para. 2). ²The Central Examination Office is to be notified of the topic of the thesis and the date of its announcement to the candidate without delay. This information will be put on record at this office.
- (3) ¹Work on the master's thesis must be completed within 39 weeks of the topic being assigned. ²The time limit begins with the announcement of the topic to the candidate. ³Upon application, an extension of up to three months will be awarded, if the candidate can show that there are reasons, for which he or she is not responsible, which hinder his or her work. ⁴The application is to be addressed by the candidate to the chair of the examination committee and submitted to the central examination office without delay when the reasons arise. § 26 Para. 3 applies correspondingly. ⁵The thesis is to be submitted on time as two bound copies and an electronic version (pdf file) to the examination office of the Faculty of Chemistry and Pharmacy. ⁶ The date of the submission and whether it is complete in accordance with Clause 5 will be put on record. ⁷If the thesis is not submitted on time, it will be evaluated as "not sufficient" (nicht ausreichend).
- (4) ¹The master's thesis is to be formulated in English. ²It has to end with a declaration from the author that the print versions submitted are identical with the electronic version submitted, that the work has been completed independently, that no sources or aids have been used other than those noted, and that the work has not already been submitted to another university in order to obtain an academic degree. ³The declaration should also contain a confirmation from the author that he or she is familiar with the legal consequences noted in § 26 Para. 6.
- (5) ¹The master's thesis is to be evaluated by the supervisor (first examiner) and a further examiner (second examiner) appointed by the chair of the examination committee, generally within one month of its submission. ²The provisions of § 23 Para. 3 apply correspondingly to determining the overall grade. Should the evaluations differ by more than a full grade, then the examination committee determines the grade after consulting with the examiners.

§ 21

Registration for the master's thesis

- (1) ¹The application for admission to write the master's thesis and assignment of a topic should be submitted to the Chemistry Examination Office in writing four weeks before the planned starting date at the latest. ²It is to be directed to the chair of the examination committee. ³Alongside the application, a declaration is to be included that the candidate has not already conclusively failed a master's examination in chemistry.
- (2) The following are prerequisite for admission to the master's thesis:
 1. proof of at least 48 CP;
 2. matriculation at Universität Regensburg.
- (3) Admission is to be denied if the candidate
 1. does not fulfill the prerequisites given in Para. 2 or

2. has already conclusively failed to qualify for the master's degree in physics.
- (4) ¹The candidate can, in justified and exceptional cases, return the topic within 12 weeks of its assignment. ²The declaration of the return of the topic is to be recorded. ³§ 20 applies for the assignment of a new topic.

§ 22 Examination deadlines

- (1) ¹Should the candidate, at the end of the sixth semester, not have achieved the 120 LP necessary under § 14 Para. 1 to qualify for the master's degree, then the master's assessment will be considered finished and failed at the first attempt, unless the student is awarded an extension due to reasons for which he or she is not responsible. ²The reasons are to be asserted and supported by the candidate without delay. ³The written application is to be made to the chair of the examination committee and submitted to the central examination office without delay. § 26 Para. 3 applies correspondingly. ⁴After the deadline from Clause 1 has passed, modules which have not yet been successfully completed, and the master's thesis will be considered completed and failed at the first attempt.
- (2) ¹If those units necessary for successful qualification for the master's examination which are still outstanding cannot be completed within the following semester, then the master's assessment is considered conclusively failed, unless the student is awarded an extension due to reasons for which he or she is not responsible. ²Para. 1 Clauses 2 and 3, and § 24 Para. 1 Clause 4 apply correspondingly.
- (3) Periods of study coming under § 15 are to be added to the time limits.

§ 23 Evaluation of examinations, announcement of the examination result

- (1) ¹The examination performance will be evaluated as follows:
- | | |
|--|---|
| 1 = very good (sehr gut) | an excellent performance; |
| 2 = good (gut) | a performance significantly above the requirements; |
| 3 = satisfactory (befriedigend) | a performance meeting the requirements; |
| 4 = sufficient (ausreichend) | a performance which, despite its shortcomings, meets the requirements |
| 5 = not sufficient (nicht ausreichend) | a performance which, due to significant shortcomings, does not meet the requirements. |
- ²A grade of "6 = insufficient" (ungenügend) can only be awarded in cases detailed in § 26 Para. 4 and 5.
- (2) ¹For more differentiation in the assessment according to Para. 1 Clause 1, the grades can be incremented up or down by 0.3. ²The grades 0.7, 4.3 and 4.7 are, however, excluded.
- (3) ¹Should an examination consist of several separately assessed tasks or assessment by more than one examiner, then the grades are averaged. In the case of § 16 Para. 2 Clause 3, the module

description may contain a determination of the grade which deviates from the principle of averaging. § 27 Para. 2 remains unaffected. ²When creating average grades in accordance with Clause 1, the first decimal place after the decimal point is taken into account. All further decimal places will be dropped without being rounded up. ³The grade for the examination performance then reads as follows with respect to these averages

- to 1.5 = very good
- from 1.6 to 2.5 = good
- from 2.6 to 3.5 = satisfactory
- from 3.6 to 4.0 = sufficient.

⁴Separately assessed tasks, in the sense of Clause 1, only refers to independent (module) examinations; they are not discrete parts of examinations, in particular the term does not include individual problems within the same examination.

- (4) An examination is successfully completed with a grade of at least "sufficient" (ausreichend, 4.0).
- (5) An examination participant is considered notified of his or her results in an examination after these results have been placed in the Universität Regensburg electronic examination management program.

§ 24

Retaking module examinations and theses

- (1) ¹Every module examination which is failed at the first attempt can be retaken twice. ²Should the module examination consist of several separately assessed tasks in accordance with § 16 Para. 2 Clause 3, only the separately assessed tasks which were failed are retaken. ³The first retake is generally to be taken within six months, but at the latest as part of the examination dates of the following semester, in so far as the candidate is not granted an extension due to special reasons beyond the candidate's control. § 22 Para. 1 Clauses 2 and 3 apply correspondingly. ⁴The deadline is not extended by the removal of the student from the register of students or leave of absence unless the leave of absence is due to a semester abroad.
- (2) The second retake is generally to be taken within six months of the announcement of the result of the first retake which was failed.
- (3) The voluntary retaking of a module examination which has been passed is not allowed.
- (4) ¹If a master's thesis is assessed as "not sufficient" (nicht ausreichend), or if it should be not passed according to § 22 Para. 1 Clause 2, then a new thesis with a new topic can be submitted with a new topic, subject to § 26 Para. 6. ²A corresponding application for a new allocation of a topic is to be made at the latest two months after the notification of the evaluation of the master's thesis. ³A second retake is not possible. § 21 Para. 4 is not applicable.

§ 25

Shortcomings in examination processes

- (1) If an examination process contained deficiencies which might have influenced the examination results, upon request from a candidate or instituted ex officio, it is to be directed that a specific candidate or all candidates retake the examination or parts thereof.
- (2) Deficiencies in the examination process must be lodged with the chair of the examination committee or the examiner without delay.
- (3) Ex officio directives in accordance with Para. 1 may no more be reached after six months following the conclusion of the examination.

§ 26

Non-attendance, withdrawal, cheating, infringement of regulations

- (1) ¹The candidate can withdraw from an examination up to a deadline of five workdays before it starts without giving reasons. ²The registration is canceled by the candidate using the university's electronic examination management system. ³If cancellation via the electronic examination management system is not possible, the cancellation must be given in writing to the examiner within the deadline given in Clause 1.
- (2) If the candidate withdraws from the examination after the deadline given in Para. 1 or misses the whole examination or part thereof, should the examination have several parts, for reasons attributable to him or herself, then the examination in question is considered taken and will be evaluated with "not sufficient" (5.0, nicht ausreichend).
- (3) ¹The reasons invoked for missing the examination or for withdrawal in accordance with Para. 2 must be given immediately, with evidence and in writing via the central examination office to the examiner. ²The same holds for an inability to take the examination which commences during the examination. ³If the candidate is unable to take the examination due to illness, then a medical certificate is to be presented, which as a basic principle is to be based on a medical examination which takes place on the day of the inability to take the exam invoked. ⁴In case of doubt, an official medical certificate can be demanded. ⁵If the examination committee accepts the reasons brought forward as sufficient, then the legal consequences of Para. 2 do not occur and the candidate can register for the examination the next time it is scheduled.
- (4) ¹Should the candidate attempt to affect the results of an examination in their or another's favor by cheating, exceeding the time allowed or using unauthorized aids, then the relevant examination will be evaluated as insufficient (6.0, ungenügend). ²During an invigilated written examination, if unauthorized aids are discovered at the desk after the examination has commenced; this will be deemed cheating. ³In serious cases, the examination committee can decide that the grade awarded according to Clause 1 is to be counted up to 30% alongside the grade achieved in a retake in the calculation of the module grade, and thus, in accordance with § 27, will find its way into the overall grade of the master's examination.
- (5) ¹A candidate who disrupts the orderly conduct of the examination can be excluded from continuing to take the examination by the examiner or invigilator. In this case, the examination will receive the grade "not sufficient" (nicht ausreichend). ²In severe cases, the examination committee can decide that the opportunity to retake the examination in accordance with § 24 is not to be awarded to the candidate.

- (6) ¹In the case of a test paper or the thesis, should the candidate fail to compose their work on their own or fail to name all aids and sources used, the work will be evaluated as "insufficient" (6.0, ungenügend). ²In the case of a module examination, the examination committee may decide that the grade awarded according to Clause 1 is to be counted up to 30% alongside the grade achieved in a retake in the calculation of the module grade, and thus, in accordance with § 27, will find its way into the overall grade of the master's examination. ³In the case of a master's thesis, the examination committee may decide, in severe cases, that the candidate will not be given the opportunity to retake in accordance with § 24 Para. 4 Clause 1, and thus the master's examination will be conclusively failed.
- (7) A candidate is to be informed in writing of decisions in accordance with Para. 2, 4, 5 and 6. Justification and information on the possibilities of contestation and appeal are to be included.

§ 27

Passing the master's examinations, overall grade

- (1) The master's examination is passed when the 120 CP in accordance with § 14 Para. 1 are established.
- (2) The overall grade of the master's degree is comprised as follows:
- | | |
|--------------------------------------|-----|
| ASC-M SYN: Basic Module "Synthesis" | 20% |
| ASC-M CAT: Basic Module "Catalysis" | 20% |
| ASC-M TEC: Basic Module "Techniques" | 20% |
| ASC-M MAT: Master's Thesis | 40% |

- (3) ¹The master's examination is conclusively failed if
- the master's thesis is conclusively failed;
 - one of the modules required in the compulsory part is conclusively failed;
 - the credit points necessary to qualify for the master's degree (120 CP) can no longer be obtained due to the deadline according to § 22 Para. 2 having passed.
- ²The chair of the examination committee will give written notice of this, which is to include information on the possibilities of contestation and appeal.

§ 28

Degree certificates, diplomas and diploma supplements

- (1) ¹A candidate who has passed the master's examination receives a degree certificate detailing both the overall grade, and the modules taken with the associated credit points and grades. ²It contains the date the master's examination was passed, which is the date that the last examination credit was earned. ³This degree certificate also shows the topic of the master's thesis, its grade and the credit points awarded for it. ⁴The candidate will be provided with a translation in English and a diploma supplement in English, which contains a description of the qualification obtained via the degree program. ⁵In addition, the candidate will be presented with a print out of their credit-point account (transcript of records) showing what courses were studied.
- (2) ¹At the same time as the degree certificate is issued, the candidate will be provided with a master's diploma dated as per the degree certificate, with an English-language translation. ²This contains the certification of the award of the master's degree in accordance with § 2 Para. 2.

- (3) ¹The degree certificate will be signed by the chair of the examination committee, the diploma by the dean of the relevant faculty. ²Both documents will be stamped with the seal of the faculty.
- (4) ¹In addition to the degree certificate an ECTS grading table is given out on request. ²For each level, this table shows what proportion of the degree program's graduates completed their studies with this level during the reference period in accordance with § 23 Para. 3. ³The group used as a reference is all those completing the degree program within the previous eight semesters. It will however include at least 30 graduations. ⁴The date of the student's last activity decides the semester to which they are assigned. ⁵If the minimum number of graduations is not reached, then the reference group will be extended by one semester after another until this is the case. ⁶For graduations which occur before the minimum number of graduations for the reference group has been reached, upon request, an ECTS grading table will be created subsequently as soon as at the end of a semester the minimum number of graduations has been reached. ⁷For this, the semester in which the graduation in question was obtained will be included in the reference group. ⁸The size of the reference group in question and the period from which it is collected is to be shown.

§ 29

Invalid examinations

- (1) If the candidate has cheated in an examination, and this becomes known only after the issue of the degree certificate, then the examination committee can amend the grade in question retroactively and declare the examination wholly or partially failed.
- (2) ¹Should the prerequisites for admission to an examination not be fulfilled, without the candidate wishing to deceive, and should this only come to light after the degree certificate is issued, then this flaw is remedied by the passing of the examination. ²Should the candidate have wrongly obtained admission, the examination committee will decide on the retraction of any unlawful administrative action, taking the general principles of administrative law into consideration.
- (3) The candidate is to be given the opportunity to be heard before a decision of the examination committee according to Para. 1 or Para. 2. is made.
- (4) ¹The incorrect examination certificate is to be confiscated and, where applicable, a new certificate issued. ²A decision in accordance with Para. 1 and Para. 2 Clause 2 is precluded following a deadline of five years after the date of the examination certificate.

§ 30

Inspection of the examination documents

It is possible to inspect the examination documents within one month of the notification of the examination results with the relevant examiner.

§ 31

Revocation of a degree

A revocation of a degree is based on Art. 69 Bavarian Higher Education Act (BayHSchG).

III. Final provisions

§ 32 Coming into effect

¹The statutes come into effect on the day after their announcement. ² They apply for all students taking up their studies from the winter semester 2016-17.

Appendix to § 4 Qualification

Eligibility test

(1) ¹All applicants go through an eligibility test in order to ensure the success of their studies. ²The procedure has two stages. ³In the first stage, the application documents and a subject-specific problem, which is to be handled as part of the eligibility test, are used with the following schema to award points which are then summed. ⁴The reference to a bachelor's degree is given as an example only; the provisions of § 4 Para. 1 No. 1 apply.

(2) Stage 1:

The final grade in a BSc in chemistry, biochemistry or a related subject (for example molecular science, chemical biology, chemical materials science)

2.20 – 2.00	5 points
1.99 – 1.75	7 points
1.74 – 1.50	9 points
1.49 – 1.25	11 points
1.24 – 1.00	13 points

Extent of the subject-relevant credit points from the bachelor's program

100 – 120	3 points
121 – 140	5 points
141 – 160	7 points
161 – 180	9 points

Courses which are considered subject-relevant include, for example, basic lecture courses in inorganic chemistry, laboratory courses in organic chemistry, research methods course in analytical chemistry.

Bachelor's thesis in inorganic chemistry or organic chemistry

6 points

Stay abroad / internship during the bachelor's program

3 points

The stay abroad or internship is to comprise at least four weeks and be in the area of chemistry. The stay abroad has been recognized as course credits or there is a confirmation of the type and extent of the internship.

Co-author of scientific publications

3 points per publication

The publications must be attributable to the area of chemistry and have been published in a peer-review process.

Language certificates in English at the level C1 or better

3 points

Award for (scientific) performance and course credits (for example "Jugend forscht", scientific competitions, educational foundation, Max-Weber program, best in year, scholarships awarded for performance).

3 points

Solving the subject-specific problem as part of the eligibility test

0 to 10 points; evaluated by an examiner

As part of the application procedure, in order to determine the applicant's eligibility in creative solutions for specific research problems, a subject-specific problem, (presented by activating it online) is to be solved using the prerequisite basic knowledge from the student's first degree. The candidate's suitability for the program depends on the quality of the solution proposed (erroneous, scientifically correct, creative and innovative).

Sum to a maximum of 50 points

Achieving 35 or more points shows eligibility for this program.

The eligibility of candidates who achieve more than 20 but less than 35 points will be assessed in an oral examination of 30 minutes duration (stage 2 of the eligibility test).

Candidates who achieve less than 20 points are ineligible for the program.

(3) Stage 2:

¹During discussion, it will be checked whether the candidate has sufficient competence that it is to be expected that he or she can successfully complete the master's degree program ASC. ²This includes:

- subject knowledge; in particular a solid understanding of inorganic chemistry, organic chemistry, physical chemistry and analytical chemistry, and on this basis the ability to work on scientific questions from the area synthesis and catalysis

- solving subject-specific problems, i.e. the competence to have an overview of the different parts of chemistry, transfer knowledge between them and use them to answer specific questions, including synthesis planning, questions on mechanisms, and determination of structure.

- knowledge of methodology; especially basic chemical and analytic methods for laboratory work including NMR spectroscopic methods, methods from chromatography and working in inert conditions.

³The criteria named will be evaluated in the selection interview, each on a scale from 1 to 10 points.

⁴Achieving 20 or more points in total during the selection interview shows eligibility. ⁵A record of the examination is kept. ⁶The examination is carried out by two examiners or an examiner and an observer.

(4) ¹The candidate is informed of the results of the eligibility test in writing, and if the candidate is rejected, this to include justification and information on the possibilities of contestation and appeal. ²The eligibility test can be repeated once.

Issued on the basis of the decision of the Senate of Universität Regensburg from January 28, 2015, and the approval of the president of Universität Regensburg given on June 8, 2016.

Regensburg, June 8, 2016

Universität Regensburg

On behalf of the president

Prof. Dr. Nikolaus Korber

(vice president)

This statute was laid down on June 8, 2011, in the university. It was announced with notices in the university on June 8, 2016. The promulgation date is, therefore June 8, 2016.