

Disclaimer: This is a translation of the regulations published by Universität Regensburg under the title "Ordnung zum Erwerb des akademischen Grades eines Doktors der Naturwissenschaften (Dr. rer. nat.) an der Universität Regensburg" in July 2009 with the modifications listed above. Only those original regulations published by Universität Regensburg are legally binding. No legal claims or titles result from this English translation.

## **Regulations for earning the academic degree Doctor of Natural Sciences (Dr. rer. nat.) at Universität Regensburg**

**From June 18, 2009**

**modified by the resolutions of February 10, 2011,  
by the resolutions of December 20, 2011,  
by the resolutions of November 28, 2012,  
and by the resolutions of February 26, 2014**

On the basis of Art. 6 Para. 1, 13 Para. 1 in conjunction with Art. 64 of the Bavarian Higher Education Act (BayHSchG), Universität Regensburg decrees the following regulations:

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Preliminary remarks on language use: All terms relating to persons and their functions in these regulations are applicable for both women and men in an identical manner. Mathematics is counted as a natural science in the sense of these doctoral regulations.



# I. General regulations

## § 1 Scope of application

These doctoral regulations govern the admission to the doctoral programs and the doctoral procedures of the four faculties of the natural sciences

- Natural Sciences I, Mathematics
- Natural Sciences II, Physics
- Natural Sciences III, Biology and Pre-Clinical Medicine
- NWF IV Chemistry and Pharmacy

of Universität Regensburg

## § 2 Faculty-specific and non-faculty-specific regulations

These doctoral regulations consist of

- (1) the following parts: I General regulations; II Joint doctoral procedures with other universities both in Germany and abroad; III Provisions specific to individual faculties; IV Graduate schools; V Final provisions and Appendices 1 and 2.
- (2) <sup>1</sup> Parts I, II and V and Appendices 1 and 2 are decided upon and modified jointly by the faculties named in § 1. <sup>2</sup>The subject-specific provisions in parts III and IV are decided upon and modified by the faculties names in § 1 independently.

## § 3 Doctoral degree

- (1) The faculties named in § 1 confer the academic degree Doctor of Natural Sciences (Dr. rer. nat.) on the basis of the doctoral procedure.
- (2) In accordance with §§ 19 to 23, the doctoral degree may be awarded in a cooperative process with another university or analogous institution, either within Germany or abroad.
- (3) The faculties named in § 1 confer the academic degree Honorary Doctor of Natural Sciences (Dr. rer. nat. h.c.) following a decision by the relevant Faculty Board as a rare award to persons who have earned such an honor by their outstanding scientific performance in the area of natural science.

## § 4 Doctoral committee

- (1) The regular doctoral procedures are carried out in the faculties by the doctoral committees.
- (2) <sup>1</sup>The following belong to the doctoral committee:
  1. the dean, as chair;

2. six professors, whose main professional work is within the faculty;
3. two members of the faculty's scientific staff (hauptberufliche wissenschaftliche Mitarbeiter) holding doctorates;
4. when there is good reason, a further professor or associate professor (Hochschullehrer) in accordance with Art. 2 Para. 3 Clause 1 of the Bavarian University Staff Act (Bayerisches Hochschulpersonalgesetz – BayHSchPG), further regulated in the special designations (Part III).

<sup>2</sup>The members in accordance with Clause 1 No. 2 and 3 are chosen by the faculty board for a term of two years. <sup>3</sup>Members can be reappointed.

- (3) <sup>1</sup>The doctoral committee has a quorum if all members have been invited properly and the majority of the members are present and entitled to vote; it passes decisions on the basis of a simple majority; abstention and transferal of voting rights are not allowed. <sup>2</sup>When a vote is tied, the chair has the casting vote.
- (4) <sup>1</sup>The decisions of the doctoral committee and the dean must be conveyed to the applicants in writing. <sup>2</sup>Justification is to be provided for decisions adversely affecting individuals, as is information on the possibilities of contestation and appeal.
- (5) Art. 41 Para. 2 of the Bavarian Higher Education Act (BayHSchG) is valid for recusal due to personal involvement.
- (6) The dean informs the faculty board of the work of the doctoral committee.

### **§ 5 Acceptance as doctoral student**

- (1) Candidates, who wish to obtain their doctorate in one of the faculties named in § 1 must provide evidence of the following to the doctoral committee before they take up the research work associated with it:
  1. if the intended scientific supervisor is a professor or associate professor (Hochschullehrer) in accordance with Art. 2 Para. 3 Clause 1 of BayHSchPG (excepting honorary professors) within the faculty responsible:
 

a written confirmation from the supervisor that they are prepared to provide scientific supervision of the candidate's research should the admission requirements in accordance with Para. 11 are fulfilled;
  2. if the intended scientific supervisor is a professor or associate professor (Hochschullehrer) in accordance with Art. 2 Para. 3 Clause 1 of BayHSchPG (excepting honorary professors) within a faculty of Universität Regensburg which is not listed in § 1:
    - a. a three-page scientific proposal for the doctoral project naming concrete research goals and methods, and
    - b. a resume of the intended scientific supervisor in which their suitability and readiness to supervise the planned doctoral project in the natural sciences is evident; the intended scientific supervisor must have a doctorate in the natural

sciences or in another field and be active predominantly in research in the natural sciences, and must also provide evidence of a particularly close teaching and research connection with the relevant natural science faculty both as regards subject matter and organization; membership of a graduate school in accordance with § 5 Para. 9 is counted as evidence.

(2) A phase of preliminary work to a maximum of three months may predate admission to the research work, in case of intended scientific supervision in accordance with Para. 1 No. 2 which serves the creation of a project proposal.

(3) <sup>1</sup>Exceptions from Para. 1 No. 1 and 2 may be granted by the faculty board on the recommendation of the doctoral committee on a case-by-case basis, in so far as the applicant can demonstrate to a significant extent that they have their own scientific research achievements by describing further circumstances on the development of the dissertation. <sup>2</sup>In addition, specific competence on the subject at hand must be present within the faculty to allow an appropriate assessment of the dissertation presented.

(4) Further, the following must be shown:

1. a master's in a relevant subject at a university or a university of applied studies; or

2. a diplom at a university; or

3. the first state examination for a teaching qualification in the subject of the intended doctorate; or

4. the second section of the pharmaceutical qualification, in so far as there is relevance for the subject of the doctorate.

(5) <sup>1</sup>Notwithstanding Para. 4, students may, by demonstrating

1. a subject-relevant bachelor's degree with a very good average grade and

2. a personal consultation with a member of the doctoral committee of the relevant faculty,

be provisionally accepted in a doctoral program in the framework of an academic curriculum. <sup>2</sup>Para. 1 No. 2 is not applicable. <sup>3</sup>Should the candidate, within two semesters, show at least 60 course credits (according to the ECTS system) in relevant courses with a very good average grade, and should 45 of these be able to be more closely defined independently by the faculty, and should the candidate pass the doctoral suitability test in accordance with § 6, he or she will be accepted as a doctoral student. <sup>4</sup>The course credits obtained in accordance with Clause 3 may not be counted as course credits under Para. 9.

(6) <sup>1</sup>Within the provisions specific to individual faculties (Part III), faculties can set minimum grades and minimum levels of subject-specific content in the qualifications required in Para. 4 and 5. <sup>2</sup>In case of Para. 4 No. 3, the faculties may also require that the candidate has chosen their second subject from a specific group of subjects, and/or that he or she has written their accreditation dissertation (Zulassungsarbeit) in the subject of the doctorate aimed for.

- (7) <sup>1</sup>The faculty board can, at the recommendation of the doctoral committee, on a case by case basis, make exceptions to the prerequisites named in Para. 4 and 5, possibly with additional stipulations, if the documents submitted show a particular aptitude for scientific work. <sup>2</sup>Stipulations may include acquisition of the German language.
- (8) <sup>1</sup>Applicants whose subject-specific qualifications for a doctorate in accordance with Para. 4 cannot be shown beyond doubt or for whom no particular aptitude in the sense of Para. 7 can be shown must pass a doctoral suitability test carried out by the faculty responsible in accordance with § 6, in the German or English language. In this test, the applicant must exhibit subject-specific competence at the level of the qualifications described in Para. 4. <sup>2</sup>The doctoral committee is responsible for the evaluation of the proofs shown in accordance with Para. 4 or Para. 7.
- (9) <sup>1</sup>The faculties may, in Part IV (Graduate schools), for doctoral projects in each of their specific subject specializations, make for all candidates the admission to the doctoral procedure (§ 8) contingent on the readiness to participate and success in an academic curriculum corresponding to that subject including the attainment of up to at most 120 credit points using the ECTS system, not counting the dissertation. <sup>2</sup>Exceptions to this rule are admittances in accordance with Para. 3.
- (10) <sup>1</sup>If a student's previous studies or examinations are not recognized, then the person involved may propose a review by the university management. <sup>2</sup>The university management will make a recommendation to the doctoral committee on the further handling of the application.
- (11) <sup>1</sup>Should the candidate fulfill all the prerequisites required for admission, the doctoral committee is to send him or her a corresponding confirmation. <sup>2</sup>The confirmation contains the name of the scientific supervisor and, where necessary, the achievements necessary under Para. 9 and, if necessary, under Para. 8 in connection with § 6 Para. 6 and, where necessary, under Para. 7. <sup>3</sup>The date of the confirmation is to be taken as the start of the doctoral project in so far as no later date is agreed in writing with the candidate.

### **§ 6 Doctoral suitability test**

- (1) <sup>1</sup>Doctoral suitability tests (§ 5 Para. 5 and 8) are to be at least two hours long for a written examination or one hour for an oral examination. Such an oral examination may contain a subject-specific presentation by the candidate of about 20 minutes. <sup>2</sup>The candidate can suggest examiners for an oral examination without having the right to insist on specific examiners. <sup>3</sup>The candidate will be notified of the examination time and date two weeks in advance at the latest.
- (2) <sup>1</sup>At least two professors whose main work is in the relevant faculty and who are appointed by the doctoral committee independently evaluate the candidates contribution and report the results in writing within two weeks of the examination. <sup>2</sup>The possible results are "suitable" (geeignet) or "not suitable" (nicht geeignet).
- (3) <sup>1</sup>Oral doctoral suitability tests are to be documented in a professional, transparent manner via an examination record. <sup>2</sup>§ 17 applies accordingly.

- (4) Doctoral suitability tests which have been failed may only be repeated once at most.
- (5) Doctoral suitability tests which have been passed are valid for starting a doctoral project for a maximum of five years.
- (6) <sup>1</sup>In exceptional cases, at the candidate's request, and with the agreement of the doctoral committee, a doctoral suitability test may be replaced by the completion of courses agreed individually in advance with the candidate. These courses are to total a maximum of 12 course credits and to replace the doctoral work in the first 6 months. This can take place in so far as this process can be shown to be very likely to be successful due to the other achievements of the candidate, and in so far as the candidate has not already failed a doctoral suitability test. <sup>2</sup>Until the credit points have been obtained, the corresponding admission conditions are considered only provisionally met. <sup>3</sup>The credit points named in Clause 1 may not be counted towards further requirements for credit points.
- (7) Further details may be determined independently by faculties in the provisions specific to individual faculties (Part III).

### **§ 7 Dissertation**

- (1) <sup>1</sup>The dissertation must be an independent scientific achievement of the candidate, whose topic is counted within the scientific area of the relevant faculty. <sup>3</sup>It must represent the results obtained in a suitable written form. <sup>3</sup>Cumulative dissertations are not admissible.
- (2) <sup>1</sup>The dissertation is to be presented as a signed manuscript on A4 paper. <sup>2</sup>It should be bound, paginated and contain a table of contents. It should contain a summary detailing the research topic and the results obtained. <sup>3</sup>The literature used and other resources are to be named in full. <sup>4</sup>Text which is taken verbatim or almost verbatim from the professional literature or other similar media must be denoted as such. <sup>5</sup>The title page is to be laid out in accordance with Appendix 1. <sup>6</sup>The name of the scientific supervisor under whose guidance the dissertation has been created is to be included on another page (exceptions in accordance with § 5 Para. 3).
- (3) A treatise which the candidate has submitted in another examination process in order to obtain a doctoral degree or other academic certificate may not be submitted.
- (4) <sup>1</sup>The dissertation may be submitted in German or English. <sup>2</sup>Submission in another language must be agreed in advance with the doctoral committee. <sup>3</sup>In this case, a summary in German will be required.

### **§ 8 Admission to the doctoral process**

- (1) <sup>1</sup>Admission to the doctoral process need to be applied for in writing to the doctoral committee. <sup>2</sup>The following documents must accompany the application:
  - 1. a confirmation in accordance with § 5 Para. 11;
  - 2. where necessary supporting documents in accordance with § 5 Para. 7 to 9 and § 6 Para. 6;

3. for admissions in accordance with § 5 Para. 1 No. 2, the scientific proposal and where necessary a scientific justification for significant deviation from it;
  4. five copies of the dissertation (§ 7),
  5. an official certificate of good conduct, should the candidate not be engaged at Universität Regensburg,
  6. a resume taking particular account of the candidate's scientific education;
  7. a formal declaration in accordance with Appendix 2 and
  8. where necessary an official document in accordance with § 12 Para. 4.
- (2) Admission is to be withheld should
1. the necessary documents not be submitted in full or not be correct;
  2. there be circumstances, which could lead to a doctoral degree being withdrawn in accordance with the legal regulations; or
  3. the candidate have conclusively failed the corresponding doctoral assessment at Universität Regensburg or another institution in Germany or abroad.
- (3) <sup>1</sup>The dean, or at his or her request the doctoral committee, makes the decision on applications for admission. <sup>2</sup>A rejection of an application for admission needs a decision of the doctoral committee.
- (4) <sup>1</sup>An application for admission can be withdrawn in so far as no rejection based on the dissertation has been made and the colloquium has not begun. <sup>2</sup>In this case, the dissertation is counted as not submitted. <sup>3</sup>Should the candidate withdraw the application for admission after the relevant time named in Clause 1, then the doctoral process is considered to have ended without success.

### **§ 9 Assessment of the dissertation**

- (1) <sup>1</sup>After being admitted to the doctoral process, the doctoral committee appoints two referees to assess the dissertation. <sup>2</sup>The first referee is generally the scientific supervisor of the project. <sup>3</sup>The candidate has the right to propose a referee, but has no right to their appointment.
- (2) <sup>1</sup>Within four weeks or, upon request, within eight weeks, each referee supplies a written opinion (referee's report) on the dissertation and recommends the acceptance or rejection of the dissertation to the doctoral committee. <sup>2</sup>The referees evaluate the dissertation independently from each other in their referee's reports and award it a grade according to the following schema:

summa cum laude	=	grade 0
magna cum laude	=	grade 1
cum laude	=	grade 2
rite	=	grade 3
insufficenter	=	grade 4

- (3) <sup>1</sup>The doctoral committee will appoint a third referee if
1. one referee recommends acceptance of the dissertation and the other rejection,
  2. the referees differ by more than one grade in their evaluation of the dissertation, or
  3. at least one referee applies for a further referee for scientific reasons.

<sup>2</sup>Should both referees appointed in accordance with Para. 1 evaluate the dissertation with summa cum laude, then a further external referee can be called in. <sup>3</sup>The doctoral committee can name up to a total of two further referees. <sup>4</sup>The number of referees may, however, not exceed four.

- (4) <sup>1</sup>The dissertation and the referees' reports are made available, in the office of the faculty responsible, to be inspected by the members of the doctoral committee and by all the members of the faculties named in § 1 who are authorized examiners of the doctoral process. <sup>2</sup>The other faculties are to be notified of the beginning of this display. <sup>3</sup>The persons named in Clause 1 may make submit a written statement on the dissertation up until the end of the display period. <sup>4</sup>The doctoral committee can appoint further referees after the end of the display period on the grounds of the written statements made in accordance with Para. 3. <sup>5</sup>Should at least three written statements, giving grounds, recommending the rejection of the dissertation submitted or that find a grade at least two grades different from the average of the displayed referees' reports would be justified, then the relevant faculty board decides on the acceptance or rejection of the dissertation and/or the necessity of a new scientific referee.
- (5) <sup>1</sup>The dissertation is accepted if the majority of the referees recommend the acceptance and there is no opposite decision from the faculty board in accordance with Para. 4. <sup>2</sup>The dissertation is rejected when at least two referees recommend the rejection.
- (6) <sup>1</sup>The candidate is to be informed of the acceptance or rejection of the dissertation and about its grade. <sup>2</sup>This is calculated to two decimal places by taking the arithmetic mean of the grades awarded by the referees. <sup>3</sup>The value calculated in this way is used for the determination of the overall grade in accordance with § 13 Para. 2. <sup>4</sup>The evaluation schema in §13 Para. 2 serves for the allocation of the grade for the dissertation which appears on the diploma in accordance with § 16 Para. 2.

## **§ 10 Examination board**

- (1) <sup>1</sup>The authorized examiners are members of the examination board:
1. a professor or associate professor (Hochschullehrer) of the faculty responsible for the doctoral degree, who may not be a referee, as chair person;

2. the first and second referee;
3. a further professor or associate professor (Hochschullehrer) from one of the faculties named in § 1.

<sup>2</sup>At most two members of the examination board may belong to the same chair. <sup>3</sup>At least half of the examination board is to consist of professors in accordance with Art. 2 Para. 1 Clause 1 No. 1 and 2 of the Bavarian University Staff Act (Bayerisches Hochschulpersonalgesetz – BayHSchPG). <sup>4</sup>Replacements can be named who represent the member of the examination board who is unavailable, whereby the make-up of the committee in case of unavailability must satisfy the requirements of Clauses 1 to 3.

- (2) <sup>1</sup>The members of the examination board and where necessary their replacements in accordance with Para. 1 Clause 4 are appointed by the doctoral committee at the same time as the referees. <sup>2</sup>The candidate is informed of the composition of the examination board at the same time they are notified of the decision on acceptance of the dissertation. <sup>3</sup>The candidate has a right to suggest examiners but has no legal right on their appointment.
- (3) Should a member of the examination board be unavailable to take further part and should no replacement have been appointed in accordance with Para. 1 Clause 4, the doctoral committee appoints a professor or associate professor (Hochschullehrer) to be a member of the examination board taking into account technical points of view and proceeding in accordance with Para. 1 Clauses 1 to 3.

## § 11 Colloquium

- (1) After the dissertation has been accepted, a scientific colloquium takes place in front of the examination board.
- (2) <sup>1</sup>The colloquium is an advanced talk in the natural sciences, which should demonstrate that the candidate is proficient in their field of activity and further fields that are relevant to it, and should also demonstrate the modern progression of the candidate's subject knowledge. <sup>2</sup>Should the topic of the dissertation relate to an area of subject-specific didactics, then the oral examination should extend to the subject-specific knowledge that is pertinent; the contents of further subject-specific didactic fields may not be made an object of the colloquium.
- (3) The dean, in agreement with the chair of the examination board, decides the appointed date and time of the colloquium and makes it public throughout the university.
- (4) <sup>1</sup>The colloquium is open to members of the university and generally lasts for 75 minutes. <sup>2</sup>Any subdividing of the colloquium into separate sections (for example presentation, discussion) can be regulated independently by the faculties in Part III of these regulations. <sup>3</sup>The leadership of the colloquium is incumbent on the chair of the examination board. <sup>4</sup>At the candidate's request, further persons, in particular relatives and friends are to be allowed to attend the colloquium.
- (5) <sup>1</sup>A record is to be kept of the colloquium, containing a grade for this part of the examination. <sup>2</sup>The record is to be maintained by a member of the examination board. <sup>3</sup>It

is to contain the name of the candidate and the members of the examination board, a note on their attendance, the place and time, and the topic of the colloquium. It is also to document how the colloquium progresses in an understandable manner. <sup>4</sup>The record is to be signed by the members of the examination board.

- (6) <sup>1</sup>The colloquium is graded immediately after it finishes following a confidential discussion among the examination board members. The grade is in accordance with the grading scale given in § 9 Para. 2. <sup>2</sup>The colloquium is "not passed", should at least two examiners award the grade "insufficenter". <sup>3</sup>Otherwise, the colloquium is passed when the candidate has achieved at least the grade "rite".
- (7) <sup>1</sup>If the colloquium is not passed, then it is to be retaken. This is to take place no earlier than three months after the first attempt and no later than six months after. <sup>2</sup>Should the candidate not request to retake the colloquium or should the retake not be passed, then the whole doctoral process is conclusively failed. <sup>3</sup>A second retake of a colloquium that has not been passed is only allowed in special cases with the approval of the doctoral committee and within a time limit of six months starting from the date of notification that the second colloquium has not been passed.
- (8) <sup>1</sup>The colloquium is not passed should the candidate fail to appear at the appointed date and time of the colloquium for reasons for which he or she is responsible or should he or she withdraw from the examination after it has started for reasons for which he or she is responsible. <sup>2</sup>The reasons invoked for withdrawal or non-attendance must be detailed in writing and sent with substantiating evidence to the chair of the examination board without delay. <sup>3</sup>Should the candidate be ill, the chair of the examination board may require the medical certificate to be presented. <sup>4</sup>If the chair of the examination board accepts the reasons, then a new date and time will be appointed.

## **§12 Protection periods and special concerns of candidates with disabilities**

- (1) <sup>1</sup> Upon request, for deadlines and due-dates, claims for protection periods conforming to the valid version of §§ 3, 4, 6 and 8 of the Maternity Protection Law (Mutterschutzgesetz) and the periods in the valid versions of the laws for parental benefits and parental leave from December 5, 2006 are to be ensured. <sup>2</sup>Appropriate documents are to be provided; changes in conditions are to be disclosed without delay.
- (2) <sup>1</sup>The specific situation of candidates with disabilities is to be taken into account in an appropriate manner. <sup>2</sup>In particular, the time allowed for taking a written part of an examination is to be extended by up to one quarter for candidates with disabilities which justify this.
- (3) If the candidate with disability shows with a medical certificate that, due to a prolonged illness or permanent disability, he or she is not capable of completing the course or examination credits either wholly or partly in the designated form, then the doctoral committee will allow the candidate to render the course or examination credits in another form.

- (4) <sup>1</sup>The doctoral committee makes decisions on cases in accordance with Para. 2 to 3 upon written request and notifies the candidate with disability in writing of the decision. <sup>2</sup>Before a rejection is decided upon, the senate's Representative for Students with Disability must be heard. <sup>3</sup>The doctoral committee's decisions are to be presented when registering for the examination.

### § 13 Evaluation of the doctoral activities

- (1) The doctoral examination has been passed when both the colloquium has been passed and the grade of the accepted dissertation is at least "rite".
- (2) <sup>1</sup>In order to calculate the overall grade, the grade for the dissertation to two decimal places in accordance with § 9 Para. 6 is multiplied by two and the grade for the colloquium in accordance with § 11 Para. 6 is added. <sup>2</sup>The resulting number is divided by three and rounded to two decimal places. <sup>3</sup>From the result of this calculation, the overall grade of the doctoral examination is determined using the following schema:

	0.00	=	summa cum laude
from	0.01 to 1.35	=	magna cum laude
from	1.36 to 2.35	=	cum laude
from	2.36 to 3.35	=	rite
from	3.36	=	insufficenter

- (3) <sup>1</sup>After the colloquium, the chair of the examination board is to inform the candidate of the result of the determination of the overall grade orally. <sup>2</sup>The overall grade and the grades for the dissertation and colloquium are to be noted in the record of the colloquium (§ 11 Para. 5).
- (4) <sup>1</sup>The dean sends the candidate a provisional notification of the results of a passed examination. <sup>2</sup>This provisional notification does not entitle the candidate to use the title "Doctor"; also terms such as "Dr. of" or similar are not allowed. <sup>3</sup>This is to be indicated in the provisional notification.

### § 14 Invalid doctoral performance

- (1) If before the doctoral diploma is issued it is revealed that the candidate has cheated during the doctoral process, then the doctoral committee declares all entitlements obtained up to that point as invalid and stops the procedure.
- (2) If the candidate has cheated during the doctoral process, and this becomes known only after the issue of the diploma, then the examination board can retroactively declare the examination conclusively failed and thus withdraw the doctoral title.
- (3) <sup>1</sup>Should the prerequisites for admission to the doctorate not be fulfilled, without the candidate wishing to deceive, and should this only come to light after the diploma is issued, then this flaw is remedied by the passing of the examination. <sup>2</sup>Should the candidate have intentionally obtained incorrect admission, the doctoral committee will decide on the retraction of any unlawful administrative action, taking the general principles of administrative law into consideration.

- (4) If a determination is made that the doctoral examination has not been passed in accordance with Para. 2 and 3, then the invalid doctoral diploma is to be confiscated.

### **§ 15 Obligatory submission of copies**

- (1) <sup>1</sup>The candidate is to make the dissertation available to the scientific community by duplication and distribution. <sup>2</sup>To further the cause of distribution of the dissertation, the candidate is to deliver to the dean the following copies of the dissertation without charge:

1. 40 printed copies (letterpress or photographic) for the purpose of distribution or
2. six printed copies, if a commercial publisher takes on the distribution, the production of at least 150 copies and assignment of an ISBN13 number is shown and, and the publication as a dissertation and details of the location of the dissertation (in accordance with § 8 Para. 1 No. 4) is specified on the back of the title page, or
3. six printed copies, if an electronic version whose format and medium is agreed with the University Library is submitted, and the scientific supervisor agrees.

<sup>3</sup>Before the creation of the copies named in Clause 2, written approval of the print version must be given by the supervisor. <sup>4</sup>After admission to the doctoral process (§ 8), changes made are to be indicated for the supervisor. <sup>5</sup>Should Clause 2 No. 1 or 3 be followed, the candidate has to grant the university the right to print and distribute further copies of their dissertation in so far as no commercial interests are thus pursued.

- (2) The copies are to be delivered to the dean within one year of the conclusion of the colloquium.
- (3) If the delivery deadline is missed, then the all the rights obtained in the examination expire. The doctoral committee can, however, in special cases, extend the deadline for six months should a written application with justification be received from the candidate before the deadline.
- (4) The dean can deem the delivery deadline as met, upon receipt of a binding declaration from the publisher in accordance with § 15 Para. 1 No. 2 should the publication of the dissertation and the delivery of the copies required be sufficiently certain.

### **§ 16 Diploma and conferring the doctorate**

- (1) Should the conditions in § 15 be fulfilled, then the faculty issues a diploma for the doctoral examination which has been passed.
- (2) <sup>1</sup>The diploma confirms, in the German language, the successful doctorate and gives the title of the dissertation. <sup>2</sup>Further, it contains the grade of the dissertation in accordance with § 9 Para. 6, the grade of the doctoral colloquium in accordance with 11 Para. 5 and the overall grade in accordance with § 13 Para. 2. <sup>3</sup>The diploma is signed by the dean.

<sup>4</sup>The date of issue is the date on which the colloquium was passed (as the final part of the examination).

- (3) <sup>1</sup>The diploma is handed over by the dean. <sup>2</sup>The handing-over of the diploma confirms the doctorate. <sup>3</sup>This gives the candidate the right to use the title "Doctor".

### **§ 17 Right of inspection**

<sup>1</sup>After the conclusion of the doctoral process, the candidate may inspect the documents concerning the doctorate. <sup>2</sup>The faculties named in § 1 may make more detailed provisions of their own independently in Part III of these regulations.

### **§18 Honorary doctorates**

- (1) <sup>1</sup>The honorary doctoral procedure (§ 3 Para. 3) as a rare award for special scientific merit is to be initiated by a written request from at least three professors who are primarily employed by the relevant faculty. <sup>2</sup>The request is to be submitted to the dean.
- (2) <sup>1</sup>The faculty board appoints at least two professors to be responsible for giving their expert scientific opinion. They are to appraise the scientific performance of the person to be honored. <sup>2</sup>The request and referees' reports are to be made available to the members of the faculty board and all professors in the faculties named in § 1. <sup>3</sup>These persons may submit a written opinion within one month.
- (3) The faculty board decides on the award of the honorary doctor title, taking into consideration the request, the referee's reports and the written opinions.
- (4) <sup>1</sup>The dean confirms the award of the honorary doctorate with the handing-over of a diploma to the person honored. <sup>2</sup>The diploma is to acknowledge the scientific activity of the person honored.
- (5) In addition, the provisions of the Honorary Doctorate Regulations of Universität Regensburg are valid.

## **II. Joint doctoral procedures with other universities both in Germany and abroad**

### **§ 19 Joint supervision of doctoral project**

- (1) <sup>1</sup>A doctoral process which is carried out in conjunction with another university or analogous institution in Germany or abroad (hereafter referred to as university) requires that

1. a binding contract on the cooperative supervision of the doctorate is concluded between the relevant faculty of Universität Regensburg independently and the other university.
2. the admission to the doctorate occurs not only at the other university in accordance with the doctoral regulations there, but also in accordance with these doctoral regulations as regulated in § 5 (however not § 5 Para. 1 No. 2) and § 8.

<sup>2</sup>The other faculties are informed of the agreement in accordance with Clause 1 No. 1.

- (2) <sup>1</sup>The dissertation is submitted to the relevant faculty at Universität Regensburg (§ 20) or to the other university (§ 21). <sup>2</sup>A dissertation which has already been submitted to another university and been either accepted or rejected may not be resubmitted. <sup>3</sup>The agreement on the joint doctoral process with the other university ensures that the same holds for a dissertation already accepted or rejected at Universität Regensburg.
- (3) <sup>1</sup>The determination of the grade is done in accordance with the provisions in place at that university at which the dissertation has been submitted. <sup>2</sup>The other university determines the grade which is equivalent according to their doctoral regulations.
- (4) Should the university at which the dissertation has been submitted reject the dissertation, or should the prescribed examination be conclusively failed there, then the whole process is ended and may not be reapplied for.
- (5) § 17 applies analogously.

## **§ 20 Submission to Universität Regensburg**

- (1) <sup>1</sup>During work on the doctorate the candidate will be supervised by a professor or associate professor (Hochschullehrer) in accordance with Art. 2 Para. 3 Clause 1 of BayHSchPG (honorary professors excepted) from the relevant faculty in accordance with § 1 of Universität Regensburg and a professor or associate professor (Hochschullehrer) from the other university. <sup>2</sup>Detailed arrangements for the joint supervision arise from the agreement specified in § 19 Para. 1 No. 1.
- (2) Generally, both scientific supervisors are also referees in the sense of § 9 Para. 1.
- (3) <sup>1</sup>The dissertation is displayed in accordance with § 9 Para. 4. <sup>2</sup>If the dissertation is accepted by the relevant faculty of Universität Regensburg, then it will be circulated to the other university for approval on the continuation of the procedure. <sup>3</sup>Where necessary time limits at the relevant faculty of Universität Regensburg remain in abeyance until notification of the relevant decision from the other university.
- (4) <sup>1</sup>If the other university approves of the continuation of the process, then the colloquium will take place at Universität Regensburg in accordance with § 11. <sup>2</sup>Notwithstanding § 10 Para. 1, in this case, the examination board may also contain, in addition to the scientific supervisor from the other university, further authorized examiners from the other university pursuant to the agreement specified in § 19 Para. 1 No. 1 on the joint doctoral process, at the most, however, achieving parity.

- (5) <sup>1</sup>If the dissertation has been accepted by the relevant faculty of Universität Regensburg, but the other university has refused approval to continue the doctoral process, then the joint process is ended and may not be reapplied for. <sup>2</sup>The doctoral process is continued at the relevant faculty of Universität Regensburg in accordance with the provisions of Parts I, III and IV of these regulations.

## **§ 21 Submission to other universities in Germany or abroad**

- (1) <sup>1</sup>During work on the doctorate the candidate will be supervised by both a professor or associate professor (Hochschullehrer) of the other university and a professor or associate professor (Hochschullehrer) of the relevant faculty of Universität Regensburg in accordance with Art. 2 Para. 3 Clause 1 of BayHSchPG (honorary professors excepted). <sup>2</sup>Detailed arrangements for the joint supervision arise from the agreement specified in § 19 Para. 1 No. 1.
- (2) Generally, both scientific supervisors are also referees.
- (3) <sup>1</sup>If the dissertation is accepted at the other university, then it will be circulated to the relevant faculty of Universität Regensburg to obtain approval for the continuation of the process. <sup>2</sup>The dissertation is displayed in accordance with § 9 Para. 4. <sup>3</sup>If the relevant faculty of Universität Regensburg subsequently approves, then the oral examination takes place at the other university in accordance with the regulations in place there. <sup>4</sup>The agreement in accordance with § 19 Para. 1 No. 1 is to stipulate that in this case, the Universität Regensburg supervisor is generally to belong to the committee charged with the oral examination as an examiner. <sup>5</sup>The dean of the other university names the necessary number of examiners in accordance with the agreement, and ensures that the other requirements of the agreement are adhered to. <sup>6</sup>Should the other university, contrary to widely accepted customs, not allow for an oral examination of the candidate, then the relevant doctoral committee in Regensburg may demand an additional oral examination of the candidate at Universität Regensburg in order to determine a grade in accordance with § 19 Para. 3 equivalent to the colloquium (§ 11) grade of these doctoral regulations.
- (4) <sup>1</sup>If the dissertation has been accepted at the other university, but the relevant faculty of Universität Regensburg refuses approval for the continuation of the process, then the joint process is ended and may not be reapplied for. <sup>2</sup>Universität Regensburg raises no objections to the continuation of the doctoral process in accordance with the provisions in place at the other university.

## **§ 22 Issue of the doctoral diploma**

- (1) <sup>1</sup>After the successful realization of a joint doctoral process, a joint diploma conferring the doctoral degree will be issued by the relevant faculty of Universität Regensburg and from the other university. <sup>2</sup>This diploma will specify that the doctorate was undertaken with joint supervision. <sup>3</sup>It is to contain those signatures and seals which are required by the provisions of Universität Regensburg or by those of the other university.

- (2) Instead of a joint diploma, individual diplomas may be issued by the relevant faculty of Universität Regensburg and by the other university which make it clear that these two diplomas taken together represent a joint doctoral diploma.
- (3) The joint doctoral diploma indicates that the doctoral graduate has the right to use the German title of Doktor (Doctor) in Germany and - where relevant - in the foreign country the doctor title conferred there.
- (4) <sup>1</sup>Further details on the design and content of the diploma are regulated in the agreement specified in § 19 Para. 1 No. 1. <sup>2</sup>The equivalence of grades is also to be taken from this agreement. <sup>5</sup>The diploma should specify the equivalent grade of the other university, appropriately identified as such.

### **§ 23 Obligatory submission of copies**

- (1) If the doctorate is carried out in Regensburg in accordance with § 19 and § 20, the obligation to provide copies is in accordance with the provisions of these regulations and with the agreement reached in accordance with § 19 Para. 1 No. 1.
- (2) <sup>1</sup>If the doctorate is carried out at the other university in accordance with § 19 and § 21, the obligation to provide copies is in accordance with the provisions applicable at the other university. <sup>2</sup>The agreement made in accordance with § 19 Para. 1 No. 1 also determines how many copies are to be made available to the relevant faculty of Universität Regensburg. <sup>3</sup>§ 15 Para. 1 Clause 5 applies similarly. <sup>4</sup>In any case, one copy of the dissertation remains in the archive of Universität Regensburg.
- (3) The relevant faculty of Universität Regensburg can make the issue of the doctoral diploma to be issued by it in accordance with § 22 contingent on the delivery of the copies required.

## **III. Provisions specific to individual faculties**

### **§ 24 Provisions specific to the Natural Sciences Faculty II, Physics**

- (1) Minimal grades and other requirements for acceptance as a doctoral student in accordance with § 5
  - 1. On the basis of § 5 Para. 6 Clause 1, it is required that the degrees prescribed by § 5 Para. 4 No 1 to 3 show an average grade of "good" (2.0).
  - 2. <sup>1</sup>On the basis of § 5 Para. 6 Clause 2, it is required that candidates who have taken the first states examination in physics for the teaching qualification, school type gymnasium, chose mathematics as the second subject or as a third subject on an equal footing as the second subject. <sup>2</sup>Candidate must also have written their accreditation dissertation (Zulassungsarbeit) in physics or in mathematics on a topic particularly

close to the doctoral topic aspired to at the Institute of Theoretical Physics of the Natural Sciences Faculty II.

3. <sup>1</sup>The composition of the credit points required under § 5 Para. 5 Clause 3 must satisfy the requirements of what is known as the "Consolidation Phase" (1st year) of a master's program at the Natural Sciences Faculty II, Physics of Universität Regensburg. <sup>2</sup>The requirements of the master's examination regulations in force at the time of the provisional admission in a doctoral program (§ 5 Para. 5 Clause 1) are valid.
- (2) Further regulations in accordance with § 6 Para. 7 on doctoral suitability tests at the Natural Sciences Faculty II
    1. The doctoral suitability test covers applied physics, experimental physics and theoretical physics equally.
    2. Upon notification of the appointed date and time of the examination in accordance with § 6 Para. 1 Clause 1, the candidate will be informed of the form the examination will take (oral/written; with or without presentation; duration), and - in case of an oral examination - the name of the examiner.
  - (3) Further regulations in accordance with § 11 Para. 4: Different parts of the colloquium
    1. The colloquium begins by the candidate giving a presentation of approximately 20 minutes about their dissertation.
    2. Following the candidate's presentation, there is a detailed discussion on the results of the dissertation which should also contain a discussion on their place in the current research situation and the prospects for possible future developments in the subject area of the dissertation.
    3. In the last part of the colloquium, general scientific questions on recent developments in physics are discussed which are not part of the subject area of the dissertation.
    4. <sup>1</sup>The candidates performance in all the parts named in No. 1 to 3 are included in the evaluation. <sup>2</sup>There is no pause between the different parts of the examination.
  - (4) Regulations further to § 17 (Right of inspection of the examination documents)
    1. <sup>1</sup>An inspection of the examination documents takes place upon written request of the candidate. <sup>2</sup>The request is to be addressed to the dean and may identify a further person (name, date and place of birth, address). <sup>3</sup>The dean will make the time, date and place of the inspection known 2 weeks before it occurs.
    2. <sup>1</sup>The inspection of the examination documents may only take place under supervision. <sup>2</sup>Making copies is prohibited.
    3. Manipulating the documents or attempting to manipulate them is assessed as cheating or attempting to cheat during the examination.
  - (5) Regulations further to Part II, § 23 (Obligatory submission of copies for joint doctoral processes)

The Natural Sciences Faculty II, Physics, makes the issue of a doctoral diploma contingent on the delivery of the copies required.

## **§ 25 Provisions specific to the Natural Sciences Faculty III, Biology and Pre-Clinical Medicine**

(1) The Managing Director of the Regensburg International Graduate School of Life Sciences, "RIGeL", is a member of the doctoral committee of the Faculty of Biology and Pre-Clinical Medicine in accordance with § 4 Para. 2 Clause 1 No. 4.

(2) <sup>1</sup>The doctoral suitability test consists of

a) an oral examination in three subjects and

b) a scientific project.

<sup>2</sup>In addition to those authorized in § 6 Para. 2 Clause 1, professors and associate professors (Hochschullehrer) in accordance with Art. 2 Para. 2 No. 2 of BayHSchPG (Privatdozenten und außerplanmäßige Professoren) may be appointed.

(3) <sup>1</sup>In the oral examination, the candidate must show that he or she has the knowledge and skills necessary for the doctorate. <sup>2</sup>The examination is to be carried out three of the following subjects and each examiner may examine only one subject:

Biochemistry  
Bioinformatics  
Biophysics  
Botany  
Genetics  
Microbiology  
Neurobiology  
Cell Biology  
Zoology

(4) <sup>1</sup>The appointment of examiners for the suitability examination needs the approval of the doctoral committee. <sup>2</sup>The examination last at least 90 minutes and takes place in the presence of all three examiners. <sup>3</sup>A record of the examination is kept. <sup>4</sup>The oral doctoral suitability test is passed when the average grade of the performance in all three subjects is at least 2.5. <sup>5</sup>The dean informs the candidate in writing, including justification and information on the possibilities of contestation and appeal.

(5) <sup>1</sup>The scientific project must be done following the oral examination in the Natural Sciences Faculty III and should be restricted in terms of the topic and definition of the project so that it can be completed within six months. <sup>2</sup>The scientific project is considered rejected if it is not submitted in accordance with the deadline. <sup>3</sup>The project is to be evaluated by the person setting it and a further professor or associate professor (Hochschullehrer) as referees. <sup>4</sup>The project is considered accepted when both referees recommend it. <sup>5</sup>Should

one of the referees reject the scientific project, then the doctoral committee of the faculty decided where necessary on the appointment of a further referee. <sup>6</sup>If the project is rejected, then the doctoral suitability test is not passed. <sup>7</sup>The dean informs the candidate of this in writing, which is to include justification and information on the possibilities of contestation and appeal. <sup>8</sup>The dean informs the candidate of the acceptance of the scientific project in writing. <sup>9</sup>The doctoral committee of the Faculty of Biology and Pre-Clinical Medicine takes into account any scientific work undertaken by the candidate as part of their studies to that date, unless there is a significant difference in regards to the skills gained (learning outcomes).

- (6) The Natural Sciences Faculty III does not allow exceptions to the doctoral suitability test according to § 6 Par. 6.
- (7) <sup>1</sup>The 45 credit points in accordance with § 5 Para. 5 Clause 3 are to be comprised of two specialization modules or elective modules including the module examinations. <sup>2</sup>In such cases, the module examinations take the place of the doctoral suitability test in accordance with § 6.
- (8) <sup>1</sup>In case of § 5 Para. 4 No. 3, the supervisor of the doctoral project is to attest to the equivalence of an accreditation dissertation (Zulassungsarbeit) with a master's or diplom thesis. <sup>2</sup>Such equivalence generally exists when the time allotted for work on the topic of the accreditation dissertation (Zulassungsarbeit) was at least six months.
- (9) <sup>1</sup>The minimum grade in accordance with § 5 Para. 6 Clause 1 is fixed at 2.0. <sup>2</sup>If the minimum grade has not been achieved, then generally a doctoral suitability examination (§ 6) is to be taken. <sup>3</sup>The doctoral committee can waive the doctoral suitability test should the supervisor provide corresponding justification.

## **§ 26 Provisions specific to the Natural Sciences Faculty IV, Chemistry and Pharmacy**

- (1) <sup>1</sup>The minimum grade in accordance with § 5 Para. 6 Clause 1 is set at 2.50 (good). <sup>2</sup>If the minimum grade has not been achieved, a doctoral suitability test (§ 6) is to be taken.
- (2) <sup>1</sup>The doctoral suitability test consists of
- a) an oral examination in three subjects and
  - b) a scientific project.
- <sup>2</sup>In addition to those authorized in § 6 Para. 2 Clause 1, professors and associate professors (Hochschullehrer) in accordance with Art. 2 Para. 2 No. 2 of BayHSchPG (Privatdozenten und außerplanmäßige Professoren) may be appointed as examiners.
- (3) <sup>1</sup>In the oral examination, the candidate must show that he or she has the knowledge and skills necessary for the doctorate. <sup>2</sup>The examination is to be carried out three of the following subjects and each examiner may examine only one subject:
- Inorganic chemistry
  - Organic chemistry
  - Physical chemistry

Analytical chemistry  
Bio-analytics and biosensors  
Theoretical chemistry  
Pharmaceutical/medicinal chemistry  
Pharmaceutical biology  
Pharmaceutical technology  
Pharmacology and toxicology  
Clinical pharmacy

- (4) <sup>1</sup>The appointment of examiners for the suitability examination needs the approval of the doctoral committee. <sup>2</sup>The examination last at least 60 minutes (approximately 20 minutes per subject) and takes place in the presence of all three examiners. <sup>3</sup>A record of the examination is kept. <sup>4</sup>The oral doctoral suitability test is passed when the average grade of the performance in all three subjects is at least 2.5 (good). <sup>5</sup>The dean informs the candidate in writing, including justification and information on the possibilities of contestation and appeal.
- (5) Following a pass in an oral examination, the candidate is provisionally accepted as a doctoral student until a decision is made on the scientific project.
- (6) <sup>1</sup>The scientific project must be done following the oral examination in the Faculty of Chemistry and Pharmacy and should be restricted in terms of the topic and definition of the project so that it can be completed within six months. <sup>2</sup>In isolated cases, upon substantiated request, the time allowed may be extended by up to at most two months. <sup>3</sup>It should demonstrate that the student is able to work on a problem from an area of chemistry or pharmacy using scientific methods, and to convey his or her results appropriately, objectively, clearly and without problems. <sup>4</sup>The doctoral committee allocates the candidate the topic and fixes a time frame. <sup>5</sup>The topic of the scientific project can be so chosen that it leads on to a topic for the dissertation. <sup>6</sup>The scientific project is considered rejected if it is not submitted in accordance with the deadline. <sup>7</sup>The supervisor of the dissertation acts as referee and evaluates the project. <sup>8</sup>The project is considered accepted if the referee recommends it. <sup>9</sup>Should the referee decline the project, then the faculty's doctoral committee decides where necessary on the appointment of a further referee. <sup>10</sup>If the project is rejected, then the doctoral suitability test is not passed. <sup>11</sup>The dean informs the candidate of this in writing, which is to include justification and information on the possibilities of contestation and appeal. <sup>12</sup>The dean informs the candidate of the acceptance of the scientific project and the final acceptance as a doctoral student in writing. <sup>12</sup>The doctoral committee of the Faculty of Chemistry and Pharmacy takes into account any scientific work undertaken by the candidate as part of their studies to that date, unless there is a significant difference in regards to the skills gained (learning outcomes).
- (7) The Faculty of Chemistry and Pharmacy does not allow exceptions to the doctoral suitability test in accordance with § 6 Par. 6.

#### IV. Graduate schools

## **1. Regensburg International Graduate School of Life Sciences ("RIGeL")**

### **§ 27 General provisions**

- (1) <sup>1</sup>The International Graduate School of Life Sciences ("RIGeL") - hereafter referred to as the graduate school is a scientific institution of the Natural Sciences Faculty III - Biology and Pre-clinical Medicine at Universität Regensburg. <sup>2</sup>Its implementation is incumbent on the teaching staff in accordance with § 32 Para. 1 and 2.
- (2) Doctorates in the Natural Sciences Faculty III may only be carried out under the auspices of the graduate school.

### **§ 28 Aims**

- (1) The graduate school offers doctoral students at Universität Regensburg whose research focuses on the biological sciences education in accordance with the most up to date research and teaching with the aim of conveying a doctoral degree in accordance with § 3.
- (2) To further this, the doctoral student is to complete a structured doctoral program which should enable him or her to carry out scientific work independently with good scientific practices.
- (3) All doctoral students who are supervised by a member of the teaching staff are members of the graduate school.

### **§ 29 Components of the doctoral program**

- (1) The doctoral program consists of
  1. support from a mentoring team of three persons (§ 34 Para. 2),
  2. participation in career-supporting and interdisciplinary teaching activities,
  3. active and independent participation in colloquia, seminars and practical activities,
  4. participation in meetings and conferences and research visits abroad.
- (2) The doctoral activities named in Para. 1 are to be recorded in a Leistungsheft (achievement record) (§ 36).

### **§ 30 Admission to the graduate school**

- (1) The prerequisites for admission to the graduate school are

1. a successfully completed diplom or master's examination at a university or
  2. a master's examination from a university of applied sciences (Fachhochschul) in the faculties biology, biochemistry, biotechnology, bioinformatics, in another central area of biology or in a related area of the natural sciences or
  3. the successful completion of studies in medicine.
  4. the successful completion of studies in pharmacy (second section of the pharmaceutical examination) or
  5. the successful completion of teacher training in the subject biology (first state examination for teaching at the school type gymnasium).
- (2) <sup>1</sup>Further, candidates with a bachelor's degree in one of the subjects named in Para. 1 are accepted into the graduate school if they can show
1. that they have successfully completed the first two semesters of the relevant master's program at Universität Regensburg and
  2. that they are in the top 10% of graduates from their bachelor's program or in the best 20% from a small elite program, e.g. biochemistry at Universität Regensburg, and that they have received very good grades in the specialization or elective module and module examinations in accordance with § 25 Para. 6.
- <sup>2</sup>The decision of whether, alongside the bachelor's program biochemistry of the Universität Regensburg, further programs are small elite programs in the sense of Clause 1 No. 2 is made by the doctoral committee.
- (3) <sup>1</sup>Every doctoral student who is qualified in accordance with Para. 1 or 2 and whose dissertation is to be supervised by a member of the teaching staff of the graduate school is a member of the graduate school and has to complete the doctoral activities set out in § 35. <sup>2</sup>If the supervisor leaves the teaching staff after the student has been admitted to the graduate school, then the doctoral student's membership of the graduate school remains unaffected.

### **§ 31 Advisory Board**

- (1) <sup>1</sup>The graduate school is headed by the Scientific Advisory Board and a managing director in a supporting role. <sup>2</sup>The managing director is chosen by the Natural Sciences Faculty III.
- (2) <sup>1</sup>The Scientific Advisory Board is comprised of professors and/or associate professors (Hochschullehrer) numbering four from the Natural Sciences Faculty III - Biology and Pre-clinical Medicine, one from the Natural Sciences Faculty IV - Chemistry and Pharmacy and two from the Medicine Faculty. <sup>2</sup>The members are chosen by the respective faculties.
- (3) <sup>1</sup>The term of office for the members of the Scientific Advisory Board is two years. <sup>2</sup>An extension of two years is possible. <sup>3</sup>If a member leaves before the end of the term, the relevant faculty names a successor.

- (4) The members of the Scientific Advisory Board chose a chair and a deputy.
- (5) <sup>1</sup>The terms of office of the chair and the deputy are both two years. <sup>2</sup>Extensions of two years are possible.
- (6) If the chair or deputy leaves the Scientific Advisory Board before the end of the term, the relevant faculty names a successor whose term of office will again be two years.
- (7) The chair of the Scientific Advisory Board reports each year on the activities of the graduate school to the faculties involved in accordance with Para. 2.

### **§ 33 PhD representative**

- (1) The doctoral students in each section involved (§ 34 Para. 1) chose a spokesperson and a deputy spokesperson.
- (2) The spokesperson and deputy for each section represent the concerns of the doctoral students in the Scientific Advisory Board and support the doctoral students in the organization of activities as part of the graduate school.
- (3) The doctoral students support the advisory board in improving the conception of the graduate school.

### **§ 33 Teaching staff**

- (1) The professors and associate professors (Hochschullehrer) of the Natural Sciences Faculty III - Biology and Pre-clinical Medicine are made members of the teaching staff of the graduate school upon their appointment as professors or associate professors (Hochschullehrer).
- (2) <sup>1</sup>Professors and associate professors (Hochschullehrer) of the Natural Sciences Faculty IV - Chemistry and Pharmacy and of the Medical Faculty make an application to the Scientific Advisory Board for membership of the graduate school's teaching staff. <sup>2</sup>The Faculty Board of the Natural Sciences Faculty III decides on the membership on the basis of a recommendation by the Scientific Advisory Board. <sup>3</sup>The Medical Faculty may be represented by at most 15 members in the graduate school; every three years, it submits a new list of suggestions of which of its professors and associate professors (Hochschullehrer) should be affiliated to the graduate school. <sup>4</sup>The Scientific Advisory Board reserves the right to suggest up to three members of the medical faculty to be members of the graduate school.
- (3) The application to be a member of the teaching staff should include information on the scientific interests of the applicant over three pages.
- (4) The decision on the application should take into account the applicant's commitment to teaching, membership of the research network of the Natural Sciences Faculty III, publications and the procurement of funding.

### § 34 Supervisors

- (1) <sup>1</sup>Every member of the teaching staff of the graduate school has the right to supervise doctoral projects, which aim at the award of a doctoral degree in accordance with § 3. <sup>2</sup>If the supervisor leaves the teaching staff before the completion of the doctoral process, then the doctoral project supervised by him or her remains unaffected. <sup>3</sup>Members of the teaching staff may, under the framework of the graduate school, only guide the doctoral students they supervise directly to their doctorate. <sup>4</sup>Should a member of the teaching staff contravene Clause 3, then he or she may not supervise any doctoral projects under the framework of the graduate school in the following three years.
- (2) For doctoral projects which are supported under the framework of the Emmy Noether program, the Heisenberg program or other equivalent elite programs, the Scientific Advisory Board decides the members of the mentoring team on application.

### § 35 Sections, mentoring teams

- (1) On the basis of the research plan, the Scientific Advisory Board assigns the doctoral student's doctoral project one of the following sections:
  1. Cellular biochemistry and biophysics (**Section 1**),
  2. Molecular ecology and evolutionary biology (**Section 2**) or
  3. Neurobiology (**Section 3**) or
  4. Biomedicine (**Section 4**)
- (2) <sup>1</sup>The mentoring team consists of the supervisor of the doctoral project and two mentors. <sup>2</sup>At least one member of the mentoring team must be a professor or associate professor (Hochschullehrer) of the Faculty of Biology and Pre-Clinical Medicine. <sup>3</sup>The second mentor is generally an external professor or associate professor (Hochschullehrer). <sup>4</sup>In so far as the function of mentor is taken on by a scientist who has a doctorate but no habilitation, the supervisor must be a professor or associate professor (Hochschullehrer) in the sense of Art. 2 Para. 3 Clause 1 of BayHSchPG. <sup>5</sup>At least one member of the mentoring team must hold the degree Doctor of Natural Sciences (Doktor der Naturwissenschaften, Dr. rer. nat.) or a scientifically equivalent doctoral degree.

### § 36 Doctoral activities, credit points (CP)

- (1) <sup>1</sup>In order to qualify for the doctoral process, the doctoral students must, within the framework of the graduate school, complete a total of 60 further CP alongside the dissertation (120 CP). <sup>2</sup>These further doctoral activities are comprised of
  1. the creation of a research plan (Para. 2) for a total of 5 CP;

2. the creation of at least two research reports and at least two oral presentations of their results for a total of 25 CP (Para. 2);
  3. participation in career-supporting and teaching activities (Para. 3) for a total of at least 8 CP;
  4. participation in colloquia and seminars internal to the university (Para. 4) for a total of at least 14 CP;
  5. participation in meetings and conferences (Para. 5) for a total of at least 4 CP.
- (2) <sup>1</sup>The doctoral student must prepare a research plan at the latest three months after the start of their experimental work and present it to the mentoring team. The plan is to sketch out the project to be worked on over a maximum of three pages. <sup>2</sup>After one, two and four years, the doctoral student must attest to the progress of the doctoral project by presenting the mentoring team a research report of at most three pages and giving them an oral presentation. <sup>3</sup>From the fifth year of the doctoral project, the research report in the sense of Clause 2 must take place annually. <sup>4</sup>The mentoring team, in a private discussion, makes a recommendation on the experimental progress of the doctoral project. <sup>5</sup>The first research report is awarded 10 CP and each subsequent report is awarded 15 CP.
  - (3) <sup>1</sup>As part of the participation of career supporting courses, it is required that the candidate attends a two-week method course, supervises at least one course and participates in at least one further career-supporting course. <sup>2</sup>The training for Biological Safety Officer, individual supervision of students in the lab and participation in excursions and lectures can be counted.
  - (4) As part of the participation on colloquia and seminars internal to the university, the following activities must be shown:
    1. participation in at least two summer academies of the graduate school in which either one talk was given and one poster presented or two talks were given, and
    2. talks in working groups and literature seminars.
  - (5) In terms of participation in external meetings, the doctoral student has to show that he or she has presented their research results via either a poster or a talk.
  - (6) Further regulations are determined by the version of the Leistungsheft (achievement record) valid at the time.

### **§ 37 Leistungsheft (achievement record)**

- (1) To show the scientific and career-supporting activity and to review the results of the dissertation, every doctoral student must keep a Leistungsheft (achievement record).
- (2) The achievement record contains the following points:

1. the subject of the doctoral project (§ 34 Para. 1),
2. the composition of the mentoring team (§ 34 Para. 2),
3. proof of the handing in of the research reports (§ 35 Para. 2),
4. proof of participation in career-supporting and teaching activities (§ 35 Para. 3),
5. proof of participation in colloquia and seminars internal to the university (§ 35 Para. 4), and
6. proof of participation in external meetings (§ 35 Para. 5).

## **2. Regensburg International Graduate School for Chemistry and Pharmacy**

### **§ 38 General provisions**

- (1) <sup>1</sup>The Regensburg International Graduate School for Chemistry and Pharmacy - hereafter referred to as the graduate school ChemPharm is a scientific institution of the Natural Sciences Faculty IV - Chemistry and Pharmacy at Universität Regensburg. <sup>2</sup>Its implementation is incumbent on the teaching staff in accordance with § 43 Para. 1 and 2.

### **§ 39 Aims**

- (1) <sup>1</sup>The graduate school ChemPharm offers doctoral students at research institutes represented at the Natural Sciences Faculty IV - Chemistry and Pharmacy Universität Regensburg education in accordance with the most up to date research and teaching with the aim of conveying a doctoral degree in accordance with § 3. <sup>2</sup> To further this, the doctoral student is to complete a structured doctoral program which should enable him or her to carry out scientific work independently with good scientific practices.

### **§ 40 Components of the doctoral program**

- (1) <sup>1</sup>The doctoral program consists of
1. support from a mentoring team of three persons (§ 45 Para. 2),
  2. participation in career-supporting and interdisciplinary teaching activities,
  3. active and independent participation in colloquia, seminars and practical activities,
  4. participation in meetings and conferences and research visits both in Germany and abroad.

<sup>2</sup>The doctoral activities named in Para. 1 are to be recorded in a Leistungsheft (performance record) (§ 47).

#### **§ 41 Admission to the ChemPharm graduate school**

- (1) <sup>1</sup>Admission to the graduate school ChemPharm requires acceptance as a doctoral student in accordance with § 5. <sup>2</sup>The following are considered scientifically relevant for the graduate school ChemPharm
1. a successfully completed diplom or master's examination at a university in programs focusing on chemistry or
  2. the successful completion of studies in pharmacy or
  3. master's examinations in the areas of natural science which are closely related to the subjects chemistry and pharmacy.
- (2) <sup>1</sup>Admission to the graduate school ChemPharm takes place after an application to the Scientific Advisory Board (§ 41). <sup>2</sup>Admission to the graduate school ChemPharm is not a substitute for admission as a doctoral student in accordance with § 5 or admission from the doctoral committee in accordance with § 8.

#### **§ 42 Advisory board**

- (1) The graduate school ChemPharm is headed by the Scientific Advisory Board.
- (2) <sup>1</sup>The Scientific Advisory Board is comprised of five professors and/or associate professors (Hochschullehrer) of the Natural Sciences Faculty IV - Chemistry and Pharmacy. <sup>2</sup>The members are chosen by the Faculty Board.
- (3) <sup>1</sup>The term of office for the members of the Scientific Advisory Board is two years. <sup>2</sup>An extension of two years is possible. <sup>3</sup>If a member leaves before the end of the term, the Faculty Board names a successor.
- (4) The members of the Scientific Advisory Board chose a chair and a deputy.
- (5) <sup>1</sup>The terms of office of the chair and the deputy are both two years. <sup>2</sup>Extensions of two years are possible.
- (6) If the chair or deputy leaves the Scientific Advisory Board before the end of the term, the relevant faculty names a successor whose term of office will again be two years.

#### **§ 43 PhD representatives**

- (1) The doctoral students in each subject involved (§ 45 Para. 1) chose a spokesperson and a deputy spokesperson.
- (2) The spokesperson and deputy for each subject represent the concerns of the doctoral students towards the Scientific Advisory Board and support the doctoral students in the organization of activities as part of the graduate school ChemPharm.
- (3) The doctoral students support the advisory board in improving the conception of the graduate school ChemPharm.

#### **§ 44 Teaching staff**

- (1) The professor and associate professors (Hochschullehrer) of the Natural Sciences Faculty IV - Chemistry and Pharmacy are made members of the teaching staff of the graduate school ChemPharm upon their appointment as professors or associate professors (Hochschullehrer).
- (2) <sup>1</sup>Professors and associate professors (Hochschullehrer) of the Natural Sciences Faculty II – Physics and III – Biology and Pre-clinical Medicine and the Medical Faculty can make an application to the Scientific Advisory Board for membership of the graduate school's teaching staff. <sup>2</sup>The Faculty Board of the Natural Sciences Faculty IV decides on the membership on the basis of a recommendation by the Scientific Advisory Board.
- (3) The application to be a member of the teaching staff should include information on the scientific interests of the applicant over two pages.

#### **§ 45 Supervisors**

- (1) <sup>1</sup>Every member of the teaching staff of the graduate school has the right to supervise doctoral projects, which aim at the award of a doctoral degree in accordance with § 3. <sup>2</sup>If the supervisor leaves the teaching staff before the completion of the doctoral process, then the doctoral project supervised by him or her remains unaffected.
- (2) For doctoral projects which are supported under the framework of the Emmy Noether program, the Heisenberg program or other equivalent elite programs, the Scientific Advisory Board decides on the supervisor and the members of the mentoring team (§ 45 Para. 2).

#### **§ 46 Subjects, mentoring teams**

- (1) <sup>1</sup>The doctoral student must prepare a research plan at the latest three months after the start of the doctoral project and present it to the Scientific Advisory Board of the graduate school ChemPharm. The plan is to sketch out the project to be worked on over a maximum of two pages. <sup>2</sup>On the basis of the research plan, the Scientific Advisory Board assigns the doctoral student's doctoral project one of the following subjects:

1. Inorganic chemistry,
2. Organic chemistry,
3. Physical chemistry,
4. Analytical chemistry,
5. Pharmaceutical/medicinal chemistry,
6. Pharmaceutical biology
7. Pharmaceutical technology,
8. Pharmacology or
9. Clinical pharmacy

- (2) <sup>1</sup>The doctoral project will be supervised by a mentoring team. <sup>2</sup>The mentoring team consists of the supervisor of the doctoral project, a professor or associate professor (Hochschullehrer) of the Natural Sciences Faculty IV - Chemistry and Pharmacy in accordance with Art. 2 Para. 3 Clause 1 of BayHSchPG and a third, generally external professor or associate professor (Hochschullehrer). <sup>3</sup>The doctoral student and the supervisor have the right to suggest the further members of the mentoring team, however its composition is determined by the Scientific Advisory Board.

#### **§ 47 Doctoral activities, credit points (CP)**

- (1) <sup>1</sup>In order to qualify for the doctoral process, the doctoral students must, within the framework of the graduate school, complete a total of 60 further credit points (CP) alongside the dissertation (§ 7). <sup>2</sup>These further doctoral activities are comprised of
1. participation in career-oriented teaching activities (Para. 2) for a total of at least 8 CP and at most 12 CP;
  2. participation in colloquia and seminars internal to the university (Para. 3) for a total of at least 14 CP and at most 18 CP;
  3. participation in meetings and conferences (Para. 4) for a total of at least 4 CP and at most 6 CP;
  4. the creation of a research plan (§ 45 Para. 1 Clause 1) for a total of 5 CP;
  5. the creation of at least two research reports and one oral presentation of their results for a total of 25 CP (Para. 5);
- (2) <sup>1</sup>As part of the participation of career supporting courses, it is required that the candidate attends a method course. <sup>2</sup>The supervision of courses, individual supervision of students in the lab and participation in excursions can be counted.
- (3) As part of the participation in colloquia and seminars internal to the university, the following activities must be shown:
1. a talk at one of the colloquia organized by the doctoral students themselves,
  2. talks in working groups and literature seminars.

- (4) In terms of participation in external meetings, the doctoral student has to show that he or she has presented their research results via either a poster or a talk.
- (5) <sup>1</sup>After between 11 and 13 months, and again between 23 and 25 months, the doctoral student must attest to the progress of the doctoral project by presenting the mentoring team a research report of at most three pages and giving them an oral presentation. <sup>2</sup>The mentoring team, in a private discussion, makes a recommendation on the experimental progress of the doctoral project. <sup>3</sup>The first research report is awarded 10 CP and the second is awarded 15 CP.

#### **§ 48 Leistungsheft (performance record)**

- (1) <sup>1</sup>To show the scientific and career-supporting activity and to review the results of the dissertation, every doctoral student must keep an Leistungsheft (performance record). <sup>2</sup>The performance record is to be divided into four sections and contain the following:
1. a confirmation of the start of the doctoral project in accordance with § 5 Para. 11;
  2. the subject of the doctoral project (§ 45 Para. 1 Clause 2);
  3. the composition of the mentoring team (§ 45 Para. 2);
  4. proof of the handing in of the research plan (§ 45 Para. 1 Clause 1);
  5. proof of the handing in of the first and second research reports (§ 46 Para. 5);
  6. proof of participation in career-oriented teaching activities (§ 46 Para. 2);
  7. proof of participation in colloquia and seminars internal to the university (§ 46 Para. 3); and
  8. proof of participation in external meetings (§ 46 Para. 4).

## **V. Final provisions**

#### **§ 49 Coming into force and transitional provisions**

- (1) The statutes come into force on the day after their announcement.
- (2) It holds for all doctoral students who have not, within one year after these regulations come into force, applied in writing to the relevant doctoral committee including the start date of their doctoral work and proof thereof for a procedure in accordance with the regulations which were valid up to this point.

Issued on the basis of the decisions of the senate of Universität Regensburg taken on January 28, 2009 and May 20, 2009 and the approval of the rector of Universität Regensburg given on June 18, 2009.

Regensburg, June 18, 2009  
Universität Regensburg  
The Rector

Prof. Dr. Thomas Strothotte

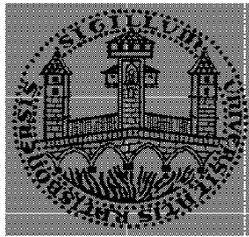
This statute was laid down on June 18, 2009 in the university. It was announced with notices in the university on June 18, 2009. The promulgation date is, therefore June 18, 2009.

## Appendix 1: Template for the title page of a dissertation:

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(Titel der Dissertation, ggf. dt. oder engl. Übersetzung als Untertitel / Title of the dissertation, where necessary with a German or English translation as subtitle)



DISSERTATION ZUR ERLANGUNG DES DOKTORGRADES DER NATURWISSENSCHAFTEN (DR.  
RER. NAT.) DER FAKULTÄT \_\_\_\_\_

DER UNIVERSITÄT REGENSBURG

vorgelegt von

\_\_\_\_\_ aus

(Vorname, Name, ggf. Geburtsname / First names, last name, where necessary name at birth)

\_\_\_\_\_

(Geburtsort, zusätzlich Geburtsland, falls nicht Deutschland / Place of birth, country of birth if not Germany)

im Jahr \_\_\_\_\_

(Jahreszahl der Vorlage der Dissertation / Year the dissertation submitted)

On the rear of the title page:

Promotionsgesuch eingereicht am:  
(Doctoral application submitted on)

Die Arbeit wurde angeleitet<sup>1</sup> von:  
(The dissertation was supervised by)

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<sup>1</sup>entfällt im Falle einer Promotion nach § 5 Abs. 3 / not applicable in case of a doctorate coming under § 5 Para. 3.

## Appendix 2 (see § 8 Para. 1 Clause 2 No. 7)

### Declaration in lieu of oath

- (1) I hereby declare that I have completed the dissertation presented without the impermissible help of third parties, without the use of resources other than those indicated, and that any data and concepts stemming directly or indirectly from other sources are indicated with citations to the literature.
- (2) The following persons have assisted me in the selection and evaluation of the following material in the ways described in return for payment/without payment:
  1. ....
  2. ....
  3. ....
- (3) No further persons were involved with the creation of the contents of the dissertation presented. In particular, I have not made use of the assistance of a doctoral consultant or other person in return for payment. No-one has received payment in kind either directly or indirectly for work which is associated with the content of the dissertation submitted.
- (4) The dissertation has not been submitted in the same or similar form to another examining authority, neither in Germany nor abroad.