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**Examination and Study Regulations
of the Ludwig-Maximilians-Universität München
for the Doctoral Degree Program Systemic Neurosciences**

15 March 2010 – As amended on 6 June 2011

The Ludwig-Maximilians-Universität München (Munich), by virtue of Article 13 (1), second sentence, jointly with Article 58 (1), first sentence and Article 61 (2), first sentence, of the Bavarian Higher Education Act (BayHSchG in its German acronym) adopts the following Statutes:

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I. General Aspects

§ 1

Object of the Degree Program and Purpose of the Doctoral Degree Examination

(1)¹The object of the Doctoral Degree Program is to offer a structured educational training program with particular emphasis on research-oriented contents from the systemic neurosciences. ²The Doctoral Degree Program aims at forming the coming generation of scientists.

(2) The Doctoral Degree examination (§ 9 (1)), to be taken during the course of the study program, serves to prove the student's capacity for in-depth and independent scientific work as well as his/her qualification to engage in scientific work and research.

(3)¹Within the framework of the foreseen courses, the Doctoral Degree Program also conveys key qualifications. ²Such qualifications include especially

1. the capacity to research specific areas of knowledge and information and to evaluate, condense and structure such findings;
2. the acquisition of a broad and also detailed knowledge of the most important areas of the corresponding subject;
3. networked thinking;
4. organisation and transfer capacities;
5. information and media skills;
6. acquisition of learning and presentation techniques;
7. conveyance skills;
8. team spirit and communication skills, also from gender-specific perspectives;
9. knowledge of languages as well as
10. computer literacy and skills.

(4) The program is conducted in English.

§ 2

Academic Degree

The Graduate School of Systemic Neurosciences awards the successful graduates of this Doctoral Degree Program the academic degree of "Doctor of Philosophy" (in its abbreviated form: "Ph.D.").

§ 3

Prerequisite Qualifications for Admission

(1) ¹Admission to the Doctoral Degree Program shall only be open to those candidates who can accredit having the necessary qualifications for higher education entrance as well as a higher education degree conferring professional qualifications in a study program of at least six semesters of duration in the specialized field of biology, psychology, medicine, physics or related field. ²Further admittance

conditions may be set out in the statutes regarding the aptitude procedure for Ludwig-Maximilians-Universität München's Systemic Neurosciences Doctoral Degree Program, in its respectively applicable version. ³The same cycle of studies may not have been irrevocably failed (Article 46, No. 3 of the Bavarian Higher Education Act, (BayHSchG in its German acronym).

(2) Should the candidate not fulfil the preconditions set out in paragraph 1 above, any participation in the modular and submodular examinations shall be excluded, unless explicit permission has been given for a later presentation of accreditation of the requisites as detailed in paragraph 1 and such accreditation is accordingly presented within the foreseen deadlines.

§ 4

Central Student Counselling and Academic Counselling

(1) ¹The central student counselling service at the Ludwig-Maximilians-Universität München informs and advises especially with regard to problems that extend across several disciplines. ²Students are advised to seek counselling especially before the start of their program cycles, for all issues related to a planned change of study programs or in relation to admission problems.

(2) ¹Academic counselling lies within the responsibility of the Head Office of the Graduate School of Systemic Neurosciences. ²Counselling seeks to aid especially with regard to study planning as far as content and timeframes are concerned. ³Information regarding examinations and accreditation of accomplished studies and examination results is supplied mainly by the members of the corresponding Doctoral Commission and the Head Office of the Graduate School of Systemic Neurosciences.

II. Duration, Structure and Development

§ 5

Start of the Degree Program, Usual Duration, Semester Weekly Hours

(1) Studies for the Doctoral Degree Program may only be commenced during the winter semester.

(2) ¹The degree program has a standard duration of six semesters, during which period the dissertation must also be completed. The doctoral degree curriculum (§ 6 (1), first sentence) foresees a total of 54 weekly lecture hours per semester.

§ 6

Structure of the Degree program, European Credit Transfer System (ECTS)

(1)¹ The Doctoral Degree Program requires for its completion the acquisition of 180 points in line with the European Credit Transfer System (ECTS points), specifically:

1. 30 ECTS points in the submodular examinations assigned to the mandatory modules P1 to P4, as in Annex 2/Column 12 (curricular studies for the doctoral degree program);
2. 130 ECTS points in the modular examinations or submodular examinations assigned to the mandatory modules P5 and P6 and assigned as well to mandatory courses P 7.1 and P 7.2 as shown in Annex 2/Column 12 (Academically Supervised Doctoral Degree Program) and
3. 20 ECTS points to be obtained in an oral exam related to the mandatory course P 7.3 as described in Annex 2/Column 12 and regarding research work (oral defence of the dissertation).

²ECTS points provide a quantitative means of measuring the overall workload of the student(s). ³They cover directly all courses and teaching formats included under paragraph 8(1), second sentence, as well as the time needed to prepare and process learning material (attendance and independent learning), the efforts invested in preparing examinations and performance in exams. ⁴A single ECTS-Point represents a work load of 30 hours; in this way, the total foreseen standard periods of study per semester add up to 900 hours (paragraph 5(2), first sentence).

(2)¹The student is expected to obtain the ECTS points foreseen under Annex 2/Column 18 per semester. ²ECTS points are awarded only for successfully taken modular examinations and submodular examinations (paragraph 9).

§ 7

Modular Structure and Modules

(1)¹ The Doctoral Degree Program is designed following a modular structure and set out in a compulsory and binding manner as exposed in Annex 2. ²Empty cells have no binding character.

(2)¹ The Doctoral Degree Program is made up exclusively of compulsory modules. ²Compulsory modules must be completed without exception.

(3) The module consists of a group of thematically and chronologically coordinated courses, of a modular examination or of one or several submodular exams, all of which are allocated a certain number of ECTS points, in line with the guidelines for such point concession as set out in §6(1) and in accordance with invested time.

(4)¹ According to the indications set out in Annex 2, a module typically spans one or at the most two semesters. According to Annex 2/Column 18 the scope for each course amounts to a multiple of three ECTS points respectively.

(5) Annex 2 sets out:

1. the modules,
2. their assignation to one or several semesters of study (Annex 2/Column 1),
3. admission requirements or conditions (Annex 2/Column 2),
4. module type (compulsory or elective module – Annex 2/Column 3), with additional information regarding selection criteria for elective modules,
5. the abbreviated designation of the module (Annex 2/Column 4),
6. the German designation of the module (Annex 2/Column 5),
7. periodic module availability (on a semester or yearly basis) (Annex 2/Column 6)
8. the ECTS-points assigned to the module (Annex 2/Column 18)

§ 8 Courses

(1)¹The study program's targets and contents, as well as its key qualifications (§1(3)), shall be conveyed through the courses and teaching methods. ²Annex 2/Column 9 foresees specifically the following courses and teaching methods:

1. tutorials,
2. seminars,
3. practical training.

(2) All courses are assigned to specific modules.

(3)¹The syllabus for the current Doctoral Degree Program is made up exclusively of compulsory courses, ²all of which have to be completed, without exception.

(4) Participation in courses depends on whether the candidate fulfils all admission requirements; details under Annex 2/Column 7.

(5) Annex 2 conveys a schedule of:

1. all courses,
2. course types (compulsory or elective courses – Annex 2/Column 3),
3. periodic availability (on a semester or yearly basis) of courses (Annex 2/Column 6),
4. their assignation to one or several modules,
5. their assignation to one or several semesters (Annex 2/Column 1),
6. admission requirements (Annex 2/Column 7),
7. the abbreviated designation of the course (Annex 2/Column 4),
8. the German designation of the course (Annex 2/Column 8),
9. forms of instruction (Annex 2/Column 9),
10. weekly hours per semester (Annex 2/Column 10).

III. Doctoral Degree Examination

1. Modular Examinations and Submodular Examinations

§ 9

Modular and Submodular Examinations as Part of the Doctoral Degree Examination

(1) The Doctoral Degree examination is composed of modular and submodular examinations.

(2) ¹As shown in Annex 2, each module finishes with a modular examination or with a specific number of submodular exams. ²Successfully passed modular or submodular examinations shall automatically credit the candidate's personal study credit-points account with the corresponding number of ECTS points (§12).

(3) Admission to modular or submodular examinations is subject to the candidate's fulfilment of the admission requirements in order to be entitled to sit the exam. ²More details on this can be found in Annex 2/Column 11. ³Should the candidate have been absent for more than 20 per cent of the foreseen activities programmed for the course, for whatever reasons, it shall be considered that regular participation as set out in Annex 2/Column 11 has not taken place.

(4) The candidate student must prove through modular, submodular examinations or the sum of submodular examinations of the corresponding module that he/she has acquired the knowledge and skills foreseen for that module and set out in Annex 2/Columns 7 through to 10.

(5) ¹Annex 2 sets out:

1. the modular and submodular examinations,
2. their assignation to a specific module or to a specific course,
3. their assignation to a specific semester (standard scheduled deadlines—Annex 2/Column 1),
4. admission requirements (Annex 2/Column 11),
5. types of modular and submodular examinations (Annex 2/Column 12),
6. examination forms (Annex 2/Column 13),
7. duration of examinations (Annex 2/Column 14),
8. evaluation (grading with "pass" or "failed" – Annex 2/Column 15),
9. grade weighting (Annex 2/Column 16),
10. possibilities for retaking exams (Annex 2/Column 17)
11. ECTS points awarded on successfully completing modular or submodular examinations (Annex 2/Column 18).

²Should Columns 13 and 14 of Annex 2 offer several examination forms and their corresponding exam duration; it will be up to the relevant course instructor to inform at the beginning of his/her course which of the forms shall be applicable for the given course.

§ 10 Evaluation of the Modular and Submodular Examinations

(1) Modular and submodular examinations shall be evaluated and graded with two of the following grades: “pass” or “fail”.

(2) ¹The grade to be awarded for a modular or submodular examination shall be determined by the corresponding examiner. ²Modular and submodular examinations shall be evaluated in line with the grades as detailed below:

Grade 1	= very good	= outstanding performance
Grade 2	= good	= performance well above required levels
Grade 3	= satisfactory	= performance suffices for average required levels
Grade 4	= sufficient	= despite deficiencies, performance suffices required levels
Grade 5	= insufficient	due to considerable shortcomings, performance does not meet required levels

³To allow for differentiated evaluation between modular and submodular examinations, the grades may be subject to an increase or decrease of 0.3 points to set them at an intermediate grade; such alterations cannot however be applied to results of 0.7, 4.3 and 5.3 points. ⁴Should a modular or submodular examination have to be graded by several examiners or should a modular or submodular examination be made up of several partial tasks, an overall grade shall be calculated for the modular or submodular examination by working out the arithmetic average of all single results. ⁵The calculation shall only encompass up to the first two digits after the decimal point. In this way, the points obtained translate into the following grades:

an average of up to and including 1.50 points	=	“very good”
an average of 1.51 up to and including 2.50	=	“good”
an average of 2.51 up to and including 3.50	=	“satisfactory”
an average of 3.1 up to and including 4.00	=	“sufficient”

(3) ¹The modular grade

1. shall be calculated for a modular examination or for a submodular examination with only one result (§ 9(2)) as set out in paragraph 2 and
2. for submodular examinations (§ 9(2)) the grade shall be the result of the arithmetic average of all single evaluations, graded as set out in Annex 2/Column 15 and weighted single results as set out in Annex 2/Column 16 for the submodular examinations of the corresponding module.

²Unless otherwise specified in Annex 2/Column 16, the submodular examinations with their corresponding ECTS points assigned in Annex 2/Column 18 shall be part of the arithmetic average, to be calculated as set out in first sentence, No. 2.

³Paragraph 2, sentences 5 and 6 apply accordingly.

(4) ¹If more submodular examinations for courses are successfully passed than were necessary within a module to successfully pass the module, only those ECTS points that were necessary for the successful completion of the module shall be taken into account when calculating the module grade. ²A module shall be considered as having been successfully completed when all the module examinations for the corresponding compulsory courses have been successfully taken or when all submodular examinations have been successfully taken in one of the modalities which are set out in Annex 2.

§ 11

Modular and Submodular Examinations: Pass, Failure and Resitting

(1) ¹A modular examination shall be considered as having been successfully completed if it receives a grade of

1. "pass" or
2. "sufficient" (4.0) at the minimum

²Modular and submodular examinations should, with the exception of circumstances as set out in §36, have been successfully completed at the latest at the end of the semester as set out in Annex 2/Column 1 (scheduled deadlines); entries which appear in parenthesis in Annex 2/column 1 are mere recommendations. ³Modular and submodular examinations shall be considered as having been successfully completed when all partial requirements have been completed at the latest by the end of the fourth semester following the scheduled deadlines, with the exception for circumstances as set out under §36.

(2) ¹Should Annex 2/Column 1 show an entry in parenthesis for a module or submodular examination, then the end of the sixth semester shall be considered the applicable scheduled deadline. ²Said module or submodular examination shall be considered as having been successfully completed at the latest by the end of the tenth semester, with the exception for circumstances as set out under §36.

(3) Modular and submodular examinations shall also be considered as having been successfully completed even if the prerequisites set out under paras. 1 and 2 have not been fulfilled within the set deadlines but are retaken in line with the stipulations foreseen by these Examination and Study Regulations for resitting examinations.

(4) ¹Modular and submodular examinations shall be considered as having been failed even if they have been taken, be it partial or totally, but have nevertheless been failed. ²Modular and submodular examinations shall also be considered as having been definitely failed if they have been taken, be it partial or totally, but have nevertheless been failed and no possibility of retaking the exam is foreseen.

(5) ¹Subject to § 36, modular and submodular examinations shall be considered as

1. having been taken but failed if they were not successfully taken before the end of four semesters, after the scheduled deadline has passed on grounds for which the candidate is responsible and

2. as irrevocably failed if they have not been taken before the end of the sixth semester after the scheduled deadlines on grounds for which the candidate is responsible.

²Subject to § 36, should Annex 2/Column 1 show an entry in parenthesis for a module or submodular examination, it shall then be considered as

1. having been taken but failed if at the end of the tenth semester it has not been successfully taken, on grounds for which the candidate is responsible, and
2. as irrevocably failed if it has not been successfully taken before the end of the twelfth semester, on grounds for which the candidate is responsible.

³Any grounds that justify the inobservance of the deadlines as set out in sentences 1 and/or 2 must be reported to the Head Office of the Graduate School of Systemic Neurosciences as soon as these have arisen, without undue delay in written form and clearly substantiated. ⁴In case of sickness, the candidate must present a medical certificate; furnishing a certificate of incapacity for work shall not suffice. ⁵The Head Office of the Graduate School of Systemic Neurosciences shall be entitled to demand the provision of a certificate issued by a public health officer or a certification by a doctor of its choice. ⁶Should the grounds be accepted, a new deadline shall be set. For modular and submodular examinations that are susceptible to being broken down, the results already obtained shall be taken into consideration.

(6) Any failed submodular examination may, without prejudice of any provisions differing from the rules foreseen in Annex 2/Column 17, only be retaken once and at the next possible scheduled examination date.

(7) Retaking a modular or submodular examination which has already been successfully completed with the aim of improving a grade is not permitted.

(8) The grade and ECTS points earned through a modular or submodular examination can only be taken into consideration one time.

§ 12 Credit Points Account

¹The students enrolled in the Doctoral Degree Program receive a personal credit points account from the Head Office of the Graduate School of Systemic Neurosciences. This account shows:

1. all successfully passed modular and submodular examinations (§ 11(1-3)), with the corresponding indication of having “passed” and/or with the given grade and the ECTS points obtained, as well as
2. all failed modular and submodular examinations (§ 11(4 and 5)), with the corresponding indication of having “failed” and/or with the given grade.

²At the start of each subsequent semester the students receive a personal account statement in line with sentence 1 as a form of certification and which gives the student information on applicable legal remedies.

2. Academically Supervised Doctoral Program

§ 13

Supervision of the Academically Supervised Doctoral Degree

(1)¹Each student in the academically supervised doctoral degree program is assigned with a supervisor, duly authorised to guide doctoral students in line with Article 62(1), second sentence, of the BayHSchG (Bavarian Higher Education Act), and with the HSchPfüferV (Ordinance on Higher Education Examiners) in their respectively binding version. ²The Supervisor may be a member of the Graduate School of Systemic Neurosciences, of another faculty of the Ludwig-Maximilians-Universität München or of another institution of higher education or other institution outside the Ludwig-Maximilians-Universität München. ³The Supervisor shall be appointed by the Chairperson of the Doctoral Commission.

(2) Should the supervisor find him/herself unable to fulfil his/her supervisory duties, the Doctoral Commission will arrange a suitable new supervisor.

§ 14

Supervisory Commission

(1) ¹Before the start of the courses in the first semester of the doctoral program, the Doctoral Commission appoints a Supervisory Commission for each student. ²The Supervisory Commission consists of a Supervisor (§ 13 (1), first sentence), a second expert in the field of study and of a third member. ³The Chairperson of the Doctoral Commission shall ensure that due account is taken of the fields of specialization which are dealt with within the framework of the academically supervised doctoral program. ⁴A minimum of two of the members of the Supervisory Committee must be members of the Graduate School of Systemic Neurosciences. ⁵ The Chairperson of the Doctoral Commission shall appoint a member of the Supervisory Commission to act as Chairperson.

(2) ¹Should a member of the Supervisory Commission present its resignation, the Doctoral Commission shall appoint a new member. ²Paragraph 1 applies accordingly.

(3) ¹The Supervisory Commission shall carry out an interim evaluation at the end of the second and fourth semesters. ²Should the candidate student have met the agreed objectives, the Supervisory Commission will recommend to the Doctoral Commission to allow the candidate student to proceed to the stage of the oral defense of the dissertation.

(4) § 28 (3) and (5) apply accordingly to the Supervisory Commission.

§ 15

Target Agreement

(1)¹Upon the basis of an overview of the type of doctoral project and its scope, the Supervisory Commission and candidate student shall agree on the targets to be

achieved, always within the framework of the academically supervised doctoral degree program (Agreed Targets). The Supervisory Commission shall likewise support the student in attaining his/her targets. ²The Agreed Targets shall include the criteria for the interim evaluations at the end of the second and fourth semesters and for the admission into the oral examination (oral defense of the dissertation), especially the target of writing the dissertation (§ 17(2), first sentence). ³Furthermore, the Agreed Targets can also set the basis for the following decision-making tools:

1. a written report to be directed to the Supervisory Commission , including a discussion of the report,
2. publishing and tasks taken on for publication,
3. regular and/or successful attendance in specific courses, modules and examinations beyond the curricular requirements for the doctoral program as detailed Annex 2 (§ 6 (1), first sentence, No.1).

⁴The Agreed Targets shall be set out in writing and shall only become binding once they have been countersigned by the Chairperson of the Doctoral Commission.

(2) Should it prove impossible to form a Supervisory Commission or should no targets be agreed upon, the doctoral candidate shall ex-matriculate his/herself at the end of the first semester, subject to §36.

§ 16 Interim Evaluations

(1) ¹The Supervisory Commission shall carry out an interim evaluation at the end of the second and fourth semesters of study. The Chairperson of the Doctoral Commission shall be notified of the results of the interim evaluations.

(2) ¹If the results match the Agreed Targets, the academically supervised doctoral program may be pursued without any special decision in this sense being necessary on the part of the Doctoral Commission. ²If corrections of the original Agreed Targets prove necessary as a result of an interim evaluation, these can be set out in a revised agreement; § 15(1), fourth sentence applies accordingly.

(3) ¹Should the Supervisory Commission come to the conclusion that the Agreed Targets for the interim evaluation have not been met, it shall stipulate the results to be presented within the framework of a repetition of the module. ²Should the Supervisory Commission find that the Agreed Targets for the interim evaluation have likewise not been met in the repetition exercise and that it is foreseeable that the Agreed Targets for admittance into the oral defence of the dissertation shall likewise be missed, it shall rescind the appointment of a Supervisory Commission and terminate the doctoral degree program. ³The Chairperson of the Doctoral Commission shall substantiate its decision in a written report which shall also provide the student with information on applicable legal remedies.

§ 17

Students' Duties within the Framework of the Academically Supervised Doctoral Program; Dissertation

(1)¹The students have the duty to qualify for academia and research by proving their ability to engage in advanced academic work. ²130 ECTS points can be acquired through the academically supervised doctoral program.

(2)¹The students must bring forward an independently written piece of academic work (dissertation). ²The dissertation subject should be drawn from one of the research areas of the Graduate School of Systemic Neurosciences or related fields of research. ³The dissertation shall consist of a dissertation manuscript or of several publications or works accepted for publication with the academic content as would typically be expected of a dissertation (cumulative dissertation). ⁴The presentation of works that have been accepted for publication can only be taken into account for a cumulative dissertation as an exception in line with sentence 3. ⁵Cumulative dissertations need to be presented with an introductory summarizing abstract which explains the relevance of the works for the specific field. ⁶For those cases where several authors are involved, the contribution which corresponds to the student shall be appropriately explained. So-called qualification works may not be presented or used as a dissertation.

(3) ¹The dissertation must be presented in the format of a printed manuscript ready for printing, in its original form and printed on DIN A4 paper or as a copy version in DIN A4 or DIN A5. ²The copy must be hardbound and paginated (consecutively numbered pages) and present a list of contents and bibliography, as well as a detailed summary. ³Annexes may be added to the dissertation, even if they are not susceptible for printing, but should be labelled accordingly.

(4) The dissertation shall be written in English.

§ 18

Evaluation of the Doctoral Candidate's Performance

(1) As soon as all agreed or mandatory results for the admission to the oral defence have been submitted, the Supervisory Commission shall immediately commence a concluding academic evaluation.

(2) For the concluding evaluation by the Doctoral Commission the students must present said Commission with the documents listed below. This documentation shall remain in the files of said Commission, with the exception of publications:

1. a curriculum vitae,
2. a list of scientific publications,
3. five copies of the dissertation,
4. an affidavit that the academic work was done independently.

(3) ¹The Chairperson of the Doctoral Commission shall assign the supervisor (§ 13(1) first sentence) with the task of carrying out the first evaluation and a second expert with the task of the second evaluation (§ 14(1), second sentence). ²The evaluations

will be completed and submitted within two months of their assignment. ³The Doctoral Commission shall additionally appoint an Examination Committee, to be composed by four members: ⁴the supervisor, the second expert and another member of the cooperating institutions of higher education associated with the Graduate School of Systemic Neurosciences and who is not likewise a member of the Supervisory Commission. ⁵The fourth member can be drawn from the cooperating institutions of higher education associated with the Graduate School of Systemic Neurosciences or can belong to another, foreign, university. ⁶When appointing the Examination Committee, due account must be taken of an adequate representation of the subject areas which are dealt with in the dissertation. ⁷Should the student agree, the Examination Committee may be extended to six members, with the new members having likewise to be drawn from the circle of higher education professors in the cooperating institutions associated with the Graduate School of Systemic Neurosciences.

(4) Each expert evaluation shall give the dissertation a grade as per § 10 and one of the following recommendations: acceptance of the dissertation; acceptance with request for changes to be carried out before publication; return of the dissertation for revision; rejection.

(5) ¹Immediately after submission of the evaluation, The Doctoral Commission's Chairperson shall circulate the dissertation and its expert evaluation among the members of the Doctoral Commission and of the Examination Commission, ²who may then comment on the dissertation and suggest grades. ³In the course of the term, comments must be made at the latest four weeks after receipt of the dissertation and at the latest six weeks if there is no academic term at that moment (vacation).

(6) ¹Should the expert evaluations as per paragraph 4 and all comments as per paragraph 5 not be unanimous in their recommendation of unqualified acceptance of the dissertation, the Doctoral Commission shall decide either on acceptance of the dissertation; acceptance subject to changes before publication; return of the dissertation for revision or rejection. The Doctoral Commission can make the acceptance of the dissertation conditional on corrections or changes being made prior to publication for those cases where the shortcomings of the dissertation do not justify its outright rejection or return for revision.

(7) ¹Should the dissertation be returned for revision, the circulation copy shall be kept as an integrating part of the student file. ²The revised version must be resubmitted within one year. ³Should this deadline not be met, the doctoral program shall be considered as having been irrevocably failed. ⁴The revised version shall comply with the remaining paragraphs of this article, as below. ⁵A renewed return of the project for further revision is no longer possible. ⁶Should another return for revision prove to be necessary, the doctoral program shall be considered as having been irrevocably failed.

(8) ¹The dissertation shall be considered as having been successfully passed if the expert evaluations and the comments of the member of the Doctoral Commission return a grade of "sufficient" (4.0) or better, in line with paragraphs 4 and 5 respectively. ²If the returned grades of the expert evaluations and comments are in agreement, the grade returned shall be considered as the grade given to the

dissertation. ³Should however different grades be returned, it shall be up to the Doctoral Commission to set the final grade. ⁴The Chairperson of the Doctoral Commission shall decide on the grade in line with sentences 1 and 2.

(9) ¹The Chairperson of the Doctoral Commission shall inform the candidate student of the acceptance, conditional acceptance, return for revision or rejection of the dissertation and as to the grade obtained. ²The decision regarding an irrevocable failure of the dissertation, its return for revision or its conditional acceptance shall be substantiated in a written report which shall also provide the student with information on applicable legal remedies.

§ 19 Oral Defence

(1) ¹Subject to acceptance of the dissertation, the doctoral candidate shall be admitted to the oral defence of his/her work. ²The Chairperson of the Doctoral Commission shall accordingly issue a written invitation to the candidate in this sense at least two weeks in advance.

(2) ¹The oral defence is taken and evaluated by the Examination Committee (§ 18(3) sentences 3 to 7). ²During the oral defence, the candidate must prove that he/she has an adequate command of the subject matter of the dissertation and of the related areas. ³In his/her oral defence the candidate shall hold a 45 minute presentation, followed by an oral examination to be carried out by the Examination Committee with a duration of 30 to 60 minutes. ⁴The oral defence and the result thereof are not open to the public.

(3) ¹The oral defence shall be graded as set out in § 10. ²The grade shall be communicated to the candidate following the oral defence. ³One of the members of the Doctoral Commission shall be assigned by the Chairperson with the task of taking the minutes of the oral defence and of recording the given grade. The Chairperson shall sign the minutes.

§ 20 Publication of the Dissertation

(1) ¹Once the oral defence has been successfully passed, the student must make the dissertation available to the public. ²Should the Doctoral Commission have accepted the dissertation in line with §18 (6) subject to certain provisions, the modified version must be submitted for approval by the Supervisor and must receive written confirmation of approval that the provisions have been met, before publication can proceed.

(2) ¹The title page must contain the designation "Dissertation of the Graduate School of Systemic Neurosciences of the Ludwig-Maximilians-Universität München", together with the date on which the dissertation was completed. ²The inside cover page of the dissertation must show the names of the supervisor and the second expert, as well as the date in which the oral defence took place.

(3) ¹Should the dissertation be very voluminous, the chairperson of the Doctoral Commission may be applied to by the author for permission to publish only a part of the dissertation. ²The published part must contain the main findings of the dissertation.

§ 21 Statutory Copies

(1) Subject to §36 the student shall provide within the space of one year six bound copies of the dissertation, one digital version and two forms for the delivery of dissertations in electronic format to the University library's *Hochschulschriftenstelle* (University documentation department), insofar as the stipulations set under paragraph are not applicable.

(2) ¹The university library set outs the specifications to be met as to format and medium. ²The university library, the German Library (DDB in its German acronym: *Die Deutsche Bibliothek*) and the special collection libraries of the German Research Foundation (DFG in its German acronym) shall be granted the right to publish the electronic version in data networks. ³The University library checks that the delivered version is readable and conforms with the required specifications. ⁴Any digital format that does not conform with format and medium shall not be considered as having duly been delivered.

(3) ¹ The delivery of the statutory copies of the dissertation as set out in paragraph 1 shall not apply for those cases of cumulative dissertations (§ 17 (2) sentence 3) or if it is known that it shall be published as a book. ² In these cases the student shall deliver six versions of the publication or the published book. ³ Should distribution of the book be foreseen by a publishing house, a minimum print run of 150 copies must be demonstrated. ⁴In this case, it shall not be necessary to provide the university library with a digital version.

(4) Should only a part of the dissertation be destined for publishing, as set out in § 17 (3), sentence 3, two additional unabbreviated bound versions of the dissertation must be delivered to the university library.

(5) Following a duly substantiated plea by the student, the Chairperson of the Doctoral Commission may extend the deadline for delivery of the statutory copies by up to two years; § 36 applies accordingly.

(6) ¹ Should delivery follow in line with paragraph 1, the Chairman of the Doctoral Commission shall be entitled to consider that the duty of delivery has been duly observed even when publication of the dissertation is delayed on grounds of a non-disclosure note being imposed due to a patent registration procedure. ² This exception can only be applied on condition that the corresponding delivery duties have been duly observed, that the latest date in which publication can take place is clearly registered in the non-disclosure note and that publication may be carried out independently by the university library. The university library shall extend the corresponding certification thereof in writing. ³ A non-disclosure note can be applied for for a maximum duration of two years with the corresponding university library form. This petition may be extended twice.

(7) Should the statutory copies fail to be delivered within the prescribed deadlines, all rights acquired through the successful oral defence and the doctoral degree program shall expire.

3. Forms of Examination

§ 22

Oral Modular and Submodular Examinations

(1) ¹The modular and submodular examinations prove whether the student is aware of all aspects of the subject area being examined and that he/she can solve special tasks and questions in context against this background. ²Additionally, the examinations aim to ascertain whether the student is in possession of the basic knowledge necessary at that particular stage of the doctoral degree studies.

(2) ¹Each candidate will have to undergo an oral modular or submodular examination with a minimum duration of 30 and a maximum duration of 60 minutes. ²More details are set out in Annex 2/Column 14.

(3) ¹The main subjects and results of the modular and submodular oral examinations shall be recorded in the minutes of the examination. ²The candidate student shall be informed of the result obtained after the modular and submodular oral examination.

§ 23

Assessment Tests and other Written Proctored Exams

(1) ¹Through assessment tests and other written proctored exams the candidate student will prove whether he/she can solve set problems and deal with specific issues in a limited time and with limited aid mechanisms, using the necessary basic knowledge and with the standard work methods of his/her field. ²The candidate student may be given a choice of subjects but does not have the right to demand such a choice.

(2) The duration of the assessment tests and other written proctored exams is set out in Annex 2/Column 14.

§ 23a

Other Forms of Modular and Submodular Examinations and Appraisals

(1) ¹A presentation paper (*Referat*) is an individually prepared presentation, held with the aid of suitable visual material. ²Presentations are expected to have a duration of 45 minutes and ³may be followed by a specialist discussion.

(2) Academic protocols are a written and systematic review and analysis of a specialist lecture or event, including a critical discussion of contents.

(3) More details can be found under Annex 2.

4. Result of the Doctoral examination

§ 24

The Doctoral examination: Pass and Failure

(1) The doctoral candidate must successfully pass the Doctoral examination by the end of the sixth semester of study.

(2)¹The Doctoral examination shall be considered as having been successfully passed if the dissertation has been accepted and if by the end of the tenth semester

1. all modular and submodular examinations of compulsory modules have been successfully passed as foreseen in Annex 2 and
2. the necessary 180 ECTS points have been earned.

²The Doctoral examination shall also be considered as successfully passed even if the preconditions as set out in sentence 1 have not been fulfilled within the foreseen deadlines but have been fulfilled after resitting in line with the requirements of these Examination and Study Regulations.

(3) The Doctoral examination shall be considered as having been irrevocably failed when

1. the Doctoral Commission rescinds the appointment of the Supervisory Committee in line with § 16 (3) second sentence,
2. the dissertation is rejected or
3. a modular and submodular examination for the compulsory modules foreseen in Annex 2

has been taken but failed and no retaking of the examination is possible.

(4)¹ Subject to § 36, the Doctoral examination is considered as having been

1. initially taken but not successfully passed if the deadline set out in paragraph 1 has been exceeded by more than four semesters and for reasons that are the responsibility of the student and
2. irrevocably failed if the deadline set out in paragraph 1 has been exceeded by more than six semesters for reasons that are the responsibility of the student.

²§ 11 (5), sentences 3 to 7 apply accordingly.

§ 25

Notification of and Certification of Failure

(1) Should the Doctoral examination be considered

1. as having been irrevocably failed as set out in §24 (3) or
2. considered as irrevocably failed as set out in §24 (4) first sentence, No. 2

the Chairman of the Doctoral Commission shall issue a written notification thereof which shall include information on applicable legal remedies ; § 28 (5) applies accordingly.

(2) Should the Doctoral examination be considered as failed or as having been failed a certification shall be issued on petition and presentation of the ex-matriculation certificate; this certification lists all successfully passed modular and submodular examinations, the corresponding ECTS points earned and the grades assigned, as well as a statement to the effect that the Doctoral examination was failed.

§ 26

Calculation of the Final Grade

¹If the Doctoral examination has been successfully passed in line with § 24 (2), the final grade is calculated by working out the arithmetic average of the module grades weighted as set out in Annex 2/Column 16; § 10 (3) sentences 2 and 3 apply for the calculation of the final grade from the module grades. ²Should more than 180 ECTS points have been earned in the Doctoral examination, only the 180 ECTS points which are considered necessary for passing shall be taken into account when calculating the final grade. ³In order to successfully pass the Doctoral examination all the examinations for the modular and submodular examinations assigned to each compulsory module must be passed successfully as stipulated in Annex 2.

§ 27

Doctor's Degree (*Promotionsurkunde*), Doctor's Certificate (*Promotionszeugnis*), Transcript of Records and Diploma Supplement

(1) ¹After having successfully passed the Doctoral examination and delivering the statutory copies of the dissertation (§ 21), the student receives the so-called *Promotionsurkunde* in German and a Doctor's Degree in English with the date in which the last modular or submodular examination was taken. ² These documents certify the conferment of the academic degree as set out in § 2.

(2) ¹Simultaneously to the two above listed documents, the student receives the *Promotionszeugnis* in German and the Doctor's Certificate in English with the date of the *Promotionsurkunde* and the Doctor's Degree. ² The topic of dissertation, the grade of the academically supervised doctoral program and the final grade obtained are all registered in the *Promotionszeugnis* and Doctor's Certificate.

(3) The Head Office of the Graduate School of Systemic Neurosciences additionally issues a transcript of records in German with all grades assigned to the completed modules and their associated modular and submodular examinations and the corresponding ECTS points earned. ²Examinations for modules and submodules which in line with §§ 24 and 26 are not included in the Doctoral examinations are included in this transcript for informative purposes.

(4) Additionally, the Head Office of Graduate School of Systemic Neurosciences issues a diploma supplement in English with information regarding the type and level of the Doctoral Degree (*Promotionsabschluss*), the status of the Ludwig Maximilian-Universität München as well as detailed information as to the study program of the doctoral degree program.

(5)¹The Doctor's Degree and *Promotionsurkunde* are signed by the Chairman of the Joint Commission for the Ph.D. Program of Systemic Neurosciences; the Doctor's Certificate and *Promotionszeugnis* are signed by the Chairperson of the Doctoral Commission; the Transcript of Records and Diploma Supplement are signed by the Director of the Head Office of the Graduate School of Systemic Neurosciences.

²*Promotionsurkunde*, Doctor's Degree, *Promotionszeugnis*, Doctor's Certificate, Transcript of Records and Diploma Supplement are all stamped with the seal of the Ludwig Maximilian-Universität München (Munich).

(6)¹Should it be discovered after the *Promotionsurkunde*, Doctor's Degree, *Promotionszeugnis*, Doctor's Certificate, Transcript of Records and Diploma Supplement, and other certificate, degree or student account statement have been issued and conferred that unauthorised aids were used or that cheating took place, the Doctoral Commission can retrospectively change the originally given grades which are affected and declare the examination as having been partially or integrally failed. ²The incorrect *Promotionsurkunde*, Doctor's Degree, *Promotionszeugnis*, Doctor's Certificate, Transcript of Records and Diploma Supplement, and other certificate, degree or student account statement shall be retracted. ³Should the requirements be met, a correct *Promotionsurkunde*, Doctor's Degree, *Promotionszeugnis*, Doctor's Certificate, Transcript of Records and Diploma Supplement, and other certificate, degree or final student account statement shall be issued. ⁴ Any such decision is excluded after five years from the date registered on the *Promotionszeugnis* and the Doctor's Certificate. ⁵The student shall be given a chance to make a statement before a decision in accordance to sentence 1 or 2 is taken. ⁶Any incriminating decisions shall be communicated to the student without delay in written form, duly substantiated and with information on applicable legal remedies.

IV. Examination Bodies and Examination Administration

§ 28

Doctoral Commission and Head Office of the Graduate School of Systemic Neurosciences

(1) The Ludwig-Maximilians-Universität München's (Munich) University Charter (*Grundordnung*, GrO in its German acronym) of 15 June 2007 in its currently most recently binding version sets out in §43 (1), second sentence, No. 1 that the Doctoral Commission is made up of the assigned members of the Systemic Neurosciences Ph.D. Program's Joint Committee. ²The membership in the Doctoral Commission shall begin and cease simultaneously with membership of the Systemic Neurosciences Ph.D. Program Joint Committee, in line with § 43 (1), second sentence, No. 1 of the University Charter.

(2)¹ The Chairperson of the Doctoral Commission is likewise the Chairperson of the Systemic Neurosciences Ph.D. Program Joint Committee. ² The Chairmanship of the Doctoral Commission shall begin and cease simultaneously with the chairmanship of the Systemic Neurosciences Ph.D. Program Joint Committee. ³ Sentences 1 and 2 apply accordingly to the Deputy Chairperson.

(3)¹ The Doctoral Commission shall be quorate when all members have received a written or electronic invitation with the date and agenda of the next session at least one week in advance and when the majority of the members are present and able to vote. ² It shall take decisions on the basis of a majority; vote abstention, secret vote and delegation of the right to vote are not permitted. ³ In case of a tied vote, the vote of the Chairperson shall settle the vote. ⁴ The exclusion of one of the members from the deliberations and voting within the Doctoral Commission and from examination tasks shall be determined in line with Article 41 (2) of the Bavarian Higher Education Act (BayHSchG).

(4)¹ The Doctoral Commission shall be responsible for the organisation of examinations, the assignment of examiners and observers (§ 29 (3)) and for taking all decisions regarding examination matters. ² The Doctoral Commission receives the support of the Head Office of the Graduate School of Systemic Neurosciences for the fulfilment of its duties. ³ The Doctoral Commission shall ensure that the provisions of these Examination and Study Regulations are duly observed.

(5)¹ The Doctoral Commission can delegate in a revocable manner the completion of certain duties to the Chairperson of the Doctoral Commission, to his/her deputy or to the Head Office of the Graduate School of Systemic Neurosciences. ² On matters that cannot be postponed, the Chairperson of the Doctoral Commission has the right to take decisions alone, instead of within the framework of the Commission; in such cases, the Chairperson shall inform the Doctoral Commission without delay.

(6) The Doctoral Commission shall adopt its own rules of procedure.

(7) The members of the Doctoral Commission shall have the right to attend examinations.

§ 29 Examiners and Observers

(1)¹ For those modular and submodular examinations which only pertain to one course and with the exception of the academically supervised doctoral program, the examiner shall be the course instructor of the course under examination, subject to paragraph 4 (1). ² For those modular and submodular examinations covering several courses with different course instructors, the Doctoral Commission shall appoint generally or on a case-to-cases basis the examiner from among the course instructors involved. ³ Sentence 2 shall apply accordingly if the course instructor is not authorised to carry out examinations (paragraph 4(1)).

(2)² Oral modular and submodular examinations must be held by at least one examiner together with an observer who has the required knowledge of the field

under examination (paragraph 3 (1)). ²Failed modular and submodular examinations must be evaluated by two examiners (paragraph 3 (2)).

(3)The Doctoral Commission can appoint generally or for individual cases

1. the observers to attend the oral modular and submodular examinations,
2. a second examiner for failed modular and submodular examinations.

(4)¹Only those persons which are entitled to carry out examinations in line with Article 62 (1), second sentence of the Bavarian Higher Education Act (BayHSchG) jointly with the Ordinance on Higher Education Examiners (HSchPrüfV) shall be able to carry out examinations. ²Observers must be knowledgeable in the field being examined and must have completed successfully at least one doctoral degree or be able to show comparable qualifications.

(5)The application of adequate examination procedure is the responsibility of the single examiners and supervisors.

§ 30

Program Coordinator, Examiners' Duties

(1)¹The Program Coordinator for this doctoral degree program shall be appointed by the Systemic Neurosciences Ph.D. Program's Joint Commission. ²For the time where no appointment has yet been made, the Chairperson of the Doctoral Commission shall perform the necessary duties. ³The Program Coordinator, together with the Doctoral Commission, the Head Office of the Graduate School of Systemic Neurosciences and the central university administration shall perform the following tasks:

1. As far as the establishment of this Doctoral Degree Program or any changes thereto is concerned, they shall:
 - a. monitor and shape from the specialists' perspective the content and set-up of the current Examination and Study Regulations,
 - b. prepare the required information on this Doctoral Degree Program for candidate students and examiners.
2. Thereafter: they shall be responsible for the coordination and organisation of courses, modular and submodular examinations, specifically
 - a. convening an annual conference to discuss the curriculum,
 - b. assigning the specific courses due to take place to the abstract courses as stipulated in the present Examination and Study Regulations,
 - c. announcement of the courses in the course catalogue,
 - d. entering the courses in the electronic data base,
 - e. scheduling and room-assignment for courses and for modular and submodular examinations and appraisals, and
 - f. entering grades and/or evaluations in the electronic database.

(2)¹The examiners are under the obligation (§ 29) of immediately informing the Program Coordinator in the standard format foreseen for this purpose by the Head Office of the Graduate School of Systemic Neurosciences which students have taken part in which of their courses and the grades therein obtained. ²The Program Coordinator must check the notifications he/she receives without delay and immediately pass them on to the Head Office of the Graduate School of Systemic Neurosciences in the standard format it foresees for this purpose. ³These notifications must be submitted within the established deadlines and in correct form to the Head Office of the Graduate School of Systemic Neurosciences. The Head Office of the Graduate School of Systemic Neurosciences shall announce at the latest at the start of each semester the dates in which the notifications of the Program Coordinator and/or of the Head Office of the Graduate School of Systemic Neurosciences must be submitted. ⁴Should the requirements set out in sentence 3 remain unfulfilled, the courses in question will not be taken into account in the corresponding credit points accounts (§ 12). ⁵The Program Coordinator must pass these notifications on as quickly as possible to the Head Office of the Graduate School of Systemic Neurosciences and singly per mail to each of the affected students in the form of official notifications, which shall also include information on applicable legal remedies.

§ 31

Students' Duty to Cooperate, Confirmation of Notifications

¹The student shall be under the obligation of confirming receipt of information, notifications and administrative instruments from the Doctoral Commission or the Head Office of the Graduate School of Systemic Neurosciences (acknowledgement of receipt) which are sent to or handed out to the student or electronically downloaded by the student him/herself, in the required form and at the student's own expense. ²The acknowledgement of receipt can also be effected directly at the premises of the Ludwig-Maximilians-Universität München free of cost. ³The Head Office of the Graduate School of Systemic Neurosciences usually announces in the first two weeks of a semester from which moment onwards information, notifications and administrative instruments can be posted on notice boards or sent or made electronically available for download or access. ⁴The general legal provisions apply to the delivery of such information, notifications and administrative instruments. ⁵Those students who do not take note of the posted information, notifications and administrative instruments and who do not download or access the information, notifications and administrative instruments electronically available, or who do not pick up the information, notifications and administrative instruments sent to him/her by post or held by a postal delivery company, the information, notifications and administrative instruments shall be considered as having been effectively sent or made known to the student one month after their posting, electronic availability for download or access or after dispatch. ⁶Should the Head Office of the Graduate School of Systemic Neurosciences have to resend the information, notifications and administrative instruments in view of the student's not having issued an acknowledgement of receipt as described in sentence 1 above and/or has not taken note of the posted information, notifications and administrative instruments that were made available, or has not electronically downloaded or accessed the information, notifications and administrative acts made available electronically or has not accepted or taken delivery of the information, notifications and administrative

instruments sent by mail or via a postal delivery company, the student shall have to bear the cost of resending. ⁷The Head Office of the Graduate School of Systemic Neurosciences shall be exempt of any duty of re-attempting to resend the information.

V. Examinations: Procedure

§ 32

Credits for Accomplished Periods of Study, Study Achievements and Examination Results

(1) ¹Credits shall be awarded for accomplished periods of study, study achievements and examination results obtained in the same degree program in another state or state-recognized university in the Federal Republic of Germany, unless these are not of the same academic value. ²Credits shall likewise be awarded for accomplished periods of study, study achievements and examination results achieved within another degree program with the Ludwig-Maximilians-Universität München or in another state or state-recognized university in the Federal Republic of Germany, unless these are not of the same academic value.

(2) ¹Accomplished periods of study, study achievements and examination results are also credited through successful participation in distance learning units insofar as the course content of the unit in question is of equal value of that of the on-site courses; this applies likewise for courses taken with the Virtual University of Bavaria (*Virtuelle Hochschule Bayern*). ²Accomplished periods of study, study achievements and examination results achieved in propaedeutic courses can be credited with relevant vocational training or school education of equal academic value. Study programs and examination results taken as part of a training program in an advanced technical college/academy with equivalent content and level can be credited.

(3) Accomplished periods of study, study achievements and examination results obtained in institutes of higher education outside Germany will generally be credited, unless they are of unequal level.

(4) ¹Accomplished periods of study, study achievements and examination results are considered as having equal value if they correspond essentially with the content, scope and requirements of the same study program within the Ludwig-Maximilians-Universität München. ²For purposes of comparison no detailed comparative evaluation shall be necessary; an overall review and assessment shall suffice. ³When giving credits for periods of study, study achievements and examination results that were gained outside the Federal Republic of Germany, the equivalence agreements as adopted by the Ministerial Education Conference and the German Rector's Conference as well as agreements within the scope of university partnership schemes shall apply. ⁴In case of doubt, the Central Office for Foreign Education (*Zentralstelle für Ausländisches Bildungswesen*) may be consulted.

(5) Skills and knowledge acquired outside the sphere of higher education may only replace at most half of the study cycle foreseen in this doctoral degree program.

(6) ¹Study or examination results that are credited will receive grades – insofar as the grading systems are equivalent to one another – that will be included in the calculation of module and final grades in line with the present Examination and Study Regulations. ²The grades so adopted shall be indicated as such and shall appear in the final certificate as such. ³Should the grading systems not be equivalent, the Chairperson of the Doctoral Commission will establish the grade for the recognized study achievements and examination results in line with the rating levels as set out in § 10 (2), and the procedure described in sentences 1 and 2 will then follow. ⁴Sentences 1 to 3 apply accordingly for the assignation of ECTS points.

(7) ¹The students must submit to the Doctoral Commission all accreditation documentation at the latest at the end of the first semester of studies at the Ludwig-Maximilians-Universität München after enrolment in the Doctoral Degree Program for all accomplished periods of study, study achievements and examination results obtained before enrolment in the Doctoral Degree Program at Ludwig-Maximilians-Universität München which the students wishes to see recognised. ²For recognition of accomplished periods of study, study achievements and examination results gained after enrolment in the Doctoral Degree Program at Ludwig-Maximilians-Universität München, the accrediting documentation must be submitted in the semester following the achievements. ³Proof of the periods of study to be credited is generally provided by presenting the transcript of the academic records issued by the institute of higher education at which the studies were carried out. ⁴To obtain recognition of study achievements and examinations achieved, the certificate emitted by the institute of higher education at which the achievements were obtained must be submitted and must contain the following information:

1. information on which individual (oral and/or written) exams were to be taken for which subjects within the scope of overall examinations,
2. which exams were in fact taken,
3. the evaluation of examination performance and grade assigned
4. the evaluation system at the base of the grading system,
5. for degree programs with credit systems, credits given for the individual courses in which study achievements and examination results attained should be recognised, as well as the number of credits necessary for successful completion of the degree program,
6. the scope of individual courses in which the examinations results to be recognised were achieved (hours per week and per semester) and
7. if an overall examination was considered as failed due to the existing results or due to other circumstances.

(8) Certificates and documents issued in a language other than German may be required to be submitted accompanied of a certified German translation.

(9) The Doctoral Commission shall decide on credits for periods of study, study achievements and examination results; in case of doubt, after consultation of the specialist representative of the subject course in question.

§ 33
Course Reservation and Registration for Modular and submodular Examinations; Study Organizational Aspects

¹The Doctoral Commission may decide that due reservation must be made in order to take part in a particular course or for all courses in general, specifying likewise the necessary form and deadlines to be observed in the submission of a request for reservation. ²Students who have not observed the form and deadlines necessary for the reservation of a place in a course as set out in sentence 1 above shall lose the right to participate in said course. ³The Head Office of the Graduate School of Systemic Neurosciences shall inform within the first two weeks after the start of the semester in the customary way as to which courses need reservation and as to form and deadlines for reserving particular courses; it shall suffice that the Head Office of the Graduate School of Systemic Neurosciences publishes this information only on the internet.

(2) ¹The Doctoral Commission can require registration for individual or for all modular and submodular examinations, stipulating also the form and deadlines in which such registration should occur. ²Students who have not observed the form and deadlines necessary for the registration to modular and submodular examinations as set out in sentence 1 above shall lose the right to participate in said modular and submodular examinations. ³Furthermore, the Doctoral Commission may generally rule that a modular and submodular examination for which registration was stipulated as per sentence 1 above shall be considered as having been failed if the student does not report for the exam for reasons that are his/her responsibility or if the student withdraws from the modular and submodular examination after having reported for it. ⁴Paragraph 1, sentence 3 applies accordingly for modular and submodular examinations for which registration is necessary and for the form and deadlines of said registration.

(3) ¹A written protocol shall be issued in relation with paragraph 1(3) and paragraph 2(4), specifying the information regarding content of the requirements as well as time, type and place of their announcement. ²The chairperson of the Doctoral Commission shall sign the protocol, which shall be filed and kept for at least five years by the Head Office of the Graduate School of Systemic Neurosciences.

(4) Study organisational aspects shall be subject to the general study program statutes of 9 May 2007 on the definition of criteria for admission of students in courses with limited places in its currently valid version.

§ 34
Absence, Withdrawal

(1) A modular and submodular examination shall be considered as failed or evaluated as "insufficient" (5.0) if the student

1. for reasons within his/her responsibility is absent on the date for which the modular and submodular examination was set for which he/she had registered and for which the Doctoral Commission had made the necessary

- arrangements in line with § 33 (2), third sentence or misses and examination set for a specific date for reasons that fall under his/her responsibility or
2. withdraws from modular and submodular examination to which he/she has reported for exam for reasons that fall under his/her responsibility or
 3. has not completed the written modular or submodular examination within the time assigned for doing so.

(2)¹ The student must report the reasons for withdrawal or absence to the Head Office of the Graduate School of Systemic Neurosciences without undue delay in written and clearly substantiated form.²§11 (5), sentences 4 through to 7 apply accordingly.

§ 35

Deception, Breach of Regulations, Non-conformity with Participation Requirements

(1) Should the student attempt to influence for his/her own benefit or for the benefit of a third party the result of a modular or submodular examination by using unauthorised aids or by deception, the modular or submodular examination shall be graded as “failed” or “insufficient” (5.0); the possession of unauthorized aids already during and after distribution of the examination papers for written modular and submodular examinations shall qualify already as an attempt to deceive.

(2) Any student who disturbs the orderly procedure of the scheduled examinations may be excluded by the examiner or supervisor from continuing to take part in the module or submodular examination; in this case, the module or submodular examination shall be graded as “failed” or “insufficient” (5.0).

(3) In cases of serious or repeated behaviour as described in paragraphs 1 and/or 2 the Doctoral Commission may decide to disqualify the student from being able to take part in specific or any other remaining modular and submodular examinations; if this is the case, the student shall be ex-matriculated in line with Article 49 (2) No. 3 of the Bavarian Higher Education Act (BayHSchG).

(4) If the requirements for participating in a module or submodular examination are not met, the exam will be considered as not taken.

(5) § 27 (6), sentences 5 and 6 apply accordingly.

§ 36

Protective Regulations in line with the Maternity Protection Law, Parental Leave

(1) It will be possible to claim for the application of protective regulation as set out in Articles 3, 4, 6 and 8 of the German law for the protection of working mothers (*Mutterschutzgesetz* - MuSchG in its German Acronym) in the version published on 20 June 2002 (BGBl I p. 2318), in the respectively applicable version, according to the deadlines set out in the German law on parental benefits and parental leave

(*Bundeselterngehalt- und Elternzeitgesetz* – BEEG in its German Acronym) of 5 December 2006 (BGBl I p. 2748), in its respectively applicable version.

(2)¹The Doctoral Commission shall decide which courses could pose an extraordinary danger for pregnant or nursing students and shall issue a corresponding warning thereof. ²The Doctoral Commission forbids the participation of pregnant students or nursing students in courses that could pose an extraordinary danger for the pregnant and/or nursing students and/or their child. ³The Doctoral Commission shall determine whether and how the skills and knowledge acquired in the courses from which the pregnant or nursing students are barred can otherwise be gained. ⁴No legal entitlement exists to allow pregnant or nursing students to claim a special range of courses. ⁵The courses, warnings and prohibitions as set out in sentences 1 and 2 above as well as the possibility of acquiring the skills and knowledge otherwise as set out in sentence 3 above shall be duly announced by the Head Office of the Graduate School of Systemic Neurosciences in the customary manner; it shall suffice for the Head Office of the Graduate School of Systemic Neurosciences to publish this information on the internet exclusively.

§ 37 Disability Compensation

(1)¹ Upon application before the Doctoral Commission, severely disabled persons and those legally commensurate with them, (Article 2, paras. 2 and 3 of the German Social Insurance Code (*Sozialgesetzbuch*) – Ninth Book – SGB IX in the respectively binding version) shall be granted an extension of the normal length of the examination of up to one quarter more than the normal length foreseen, depending on the severity of the proven examination disability. ²In cases where a particularly lengthy examination disability exists, the length of the examination may on application be extended by up to half the normal examination length. ³Another acceptable kind of compensation may be granted in addition to or instead of an extension of the length of the examination time.

(2) ¹Other examination candidates who likewise suffer under considerable impairment for the completion of modular and submodular examinations due to a clearly established non-temporary physical disability or chronic illness can be guaranteed compensation for disadvantages in line with paragraph 1 above. ²Temporary disabilities can likewise be appropriately compensated by other means.

(3) ¹Claims for compensation on the grounds of disability must be presented during registration for a module or submodular examination or at the latest one month before the respective submodular examination is scheduled to take place. ²The disability must be duly substantiated. ³The Doctoral Commission shall have the right to require the presentation of a doctoral certificate as further substantiation. ⁴§ 11 (5), sentences 4 and 5 apply accordingly.

§ 38**Flaws in the Examination Procedure**

(1) Should an examination procedure prove to be fundamentally flawed to the extent that such flaws could have influenced the result of the examination, upon petition by a participant or ex officio, specific sections or the entire module or submodular examination shall have to be retaken by all or by some participants.

(2)¹Alleged flaws in the examination procedure or an inability that may arise before or during the course of a module or submodular examination must be adequately substantiated and reported without delay or at the latest before the results of said modular or submodular examination are made known, to the invigilator, to the examiner(s), to the Head Office of the Graduate School of Systemic Neurosciences or to the Chairperson of the Doctoral Commission. ²Any asserted and substantiated grounds as in sentence 1 above presented orally must likewise be presented in writing without delay in a duly substantiated way to the Head Office of the Graduate School of Systemic Neurosciences or to the Chairperson of the Doctoral Commission. ³Any claim or substantiation will be excluded after one month has passed since the day on which the module or submodular examination in question was taken. ⁴§ 11 (5), sentences 3 to 7 apply accordingly.

§ 39**Access to Examination Files, Retention Periods**

¹ In its customary way and within its usual timeframes, the Head Office of the Graduate School of Systemic Neurosciences shall inform the participants of a modular or submodular examination after the conclusion of said examination(s), of the deadlines to reasonably apply for access to the examination, related expert opinions and records. The Head Office may publish said information exclusively on the internet. ²The complete examination files are retained for at least five years. ³The master file, consisting of copies of the *Promotionsurkunde*, the Doctor's Diploma, the *Promotionszeugnis*, the Doctor's Certificate, and the transcript of records, are retained indefinitely. ⁴The documents may be retained in electronic format.

VI. Renewal of the Doctor's Degree and Honorary Doctorate**§ 40****Renewal of the Doctor's Degree**

The Doctor's Degree can be renewed for after 50 years with approval by the Joint Commission for the Ph.D. Study Program of Systemic Neurosciences.

§ 41 Honorary Doctorate

(1) ¹The academic degree “Doctor of Philosophy honoris causa” (in its abbreviated form: “Ph. D. h. c.”) may be conferred upon application by at least two university professors (Article 2 (3), sentence 1 of BayHSchPG) of the Graduate School of Systemic Neurosciences. ²The petition must forward a detailed evaluation of the academic achievements of the person who has been nominated. ³The Doctoral Commission shall decide upon the petition with a two-thirds majority. ⁴The invitation to participate in the session that shall decide upon this matter must inform that a vote shall be taken on the granting of an Honorary Doctorate.

(2) The Honorary Doctorate shall be awarded in public; it shall be set out in Latin and shall enlist all achievements of the recipient.

VII. Final Provisions

§2 Entry into Force

(1) The statutes shall come into force on 1 April 2010.

(2) ¹Whosoever was already enrolled for the 2009/2010 semester in the Doctoral Degree Program for Systemic Neurosciences at the Ludwig-Maximilians-Universität München shall continue his/her program on the basis of the Examination and Degree Regulations of the Ludwig-Maximilians-Universität München for the Doctoral Degree Program for Systemic Neurosciences of 5 November 2007, as amended by the Statutes of 9 November 2009, of the Examination and Degree Regulations that were respectively in force before the entry into force of the Examination and Degree Regulations of the Ludwig-Maximilians-Universität München for the doctoral Degree Program of Systemic Neurosciences of 15 March 2010. ²Whosoever enrolled for the first time in the 2010 summer semester or later to the Doctoral Degree Program for Systemic Neurosciences at the Ludwig-Maximilians-Universität München shall submit to the Examination and Degree Regulations for the Doctoral Degree Program for Systemic Neurosciences of the Ludwig-Maximilians-Universität München of 15 March 2010.

(3) ¹Those students who according to paragraph 2, sentence one above, should have to submit to the Examination and Degree Regulations for the Doctoral Degree Program for Systemic Neurosciences of the Ludwig-Maximilians-Universität München of 5 November 2007, as amended by the Statutes of 9 November 2009, that were respectively in force before the entry into force of the Examination and Degree Regulations of the Ludwig-Maximilians-Universität München for the doctoral Degree Program of Systemic Neurosciences of 15 March 2010 may file a petition declaring that they wish to carry on with their studies in line with Examination and Degree Regulations of the Ludwig-Maximilians-Universität München for the doctoral Degree Program of Systemic Neurosciences of 15 March 2010. ²This petition must be

submitted to the Student Coordinator in writing at the latest by 17 May 2010. This petition is irrevocable.

Issued on the basis of the resolution of the Senate of the Ludwig-Maximilians-Universität München of 15 March 2010 and the approval of the President of the Ludwig-Maximilians-Universität München of 15 March 2010 No. I.3-H/227/10.

Munich, 15 March 2010

signed

Prof. Dr. Bernd Huber
President

These Statutes were set forth on 31 March 2010 at the Ludwig-Maximilians-Universität München and were published on 31 March 2010 in the Ludwig-Maximilians-Universität München. The date of publication is therefore the 31 March 2010.

1	Module					Course				Modular/Submodular Examination							18
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Semester*	Admission requirements	Compulsory (C) / Elective (E)	Abbreviated designation of the Module/Course	German designation of module according to Annex 1/Column 1	Available in Weekly Hours (WH)/Semester Hours (SH)	Admission requirements	German designation of course according to Annex 1/Column 1	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form	Examination duration	Grade or Pass/Fail	Grade weighting	Can be retaken*	ECTS Points*
6 Systemic Neurosciences Doctoral Degree Program (Doctor of Philosophy, Ph.D.)																	180
1st. Semester																	
	none	C	P 1	Introduction to Selected Fields of the Systemic Neurosciences	WH and SH												
(1.)		C	P 1.1		WH and SH	none	Orientation Course	Practical Training	12	Regular attendance P1.1	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		Once, next scheduled date	8
(1.)		C	P 1.2		WH and SH	none	Retreat I	Seminar	6	Regular attendance P1.2	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		Once, next scheduled date	3
(1.)		C	P 1.3		WH and SH	none	Key Qualifications, Foundations	Exercises	1	Regular attendance P1.3	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		discretionary	1
	none	C	P 5 / I	Academically Supervised Doctoral Program I	WH and SH												
		C	P 5.1		WH and SH	none	Ph.D.-Project 1	cf. Target Agreement									(18)

*) Clarifications regarding columns 1, 12, 17 and 18 can be found at the end of the table

1	Module					Course				Modular/Submodular Examination							18
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Semester*	Admission requirements	Compulsory (C) / Elective (E)	Abbreviated designation of the Module/Course	German designation of module according to Annex 1/Column 1	Available in Weekly Hours (WH)/Semester Hours (SH)	Admission requirements	German designation of course according to Annex 1/Column 1	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form	Examination duration	Grade or Pass/Fail	Grade weighting	Can be retaken*	ECTS Points*
2nd. Semester																	
	none	C	P 2	Conveyance In-depth Knowledge in Systemic Neurosciences	WH and SH												
(2.)		C	P 2.1		WH and SH	none	Methodology: Conveyance of In-Depth Knowledge	Practical Training	6	Regular attendance in P2.1	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		Once, next scheduled date	3
(2.)		C	P 2.2		WH and SH	none	Retreat II	Seminar	6	Regular attendance P2.2	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		Once, next scheduled date	3
(2.)	cf. P 5 / I	C	P 5 / II	Academically Supervised Doctoral Program I	WH and SH					cf. Target Agreement	ME	cf. Target Agreement	cf. Target Agreement	Pass/Fail		Once, next scheduled date	42 =18+24
		C	P 5.2		WH and SH	none	Ph.D.-Project 2	cf. Target Agreement									(24)
3rd. Semester																	
	none	C	P 3	Individual Training for Advanced Students	WH and SH												
(3.)		C	P 3.1		WH and SH	none	Methods Course for Advanced Students	Practical Training	6	Regular attendance P3.1	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		Once, next scheduled date	3

*) Clarifications regarding columns 1, 12, 17 and 18 can be found at the end of the table

1	Module					Course				Modular/Submodular Examination							18
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Semester*	Admission requirements	Compulsory (C) / Elective (E)	Abbreviated designation of the Module/Course	German designation of module according to Annex 1/Column 1	Available in Weekly Hours (WH)/Semester Hours (SH)	Admission requirements	German designation of course according to Annex 1/Column 1	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form	Examination duration	Grade or Pass/Fail	Grade weighting	Can be retaken*	ECTS Points*
(3.)		C	P 3.2		WH and SH	none	Retreat III	Seminar	6	Regular attendance P3.2	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		Once, next scheduled date	2
(3.)		C	P 3.3		WH and SH	Successful participation P1.3	Key Qualifications, Individual In-Depth Study	Exercises	2	Regular attendance P3.3	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		discretionary	1
	Successful participation P 5	C	P 6 / I	Academically Supervised Doctoral Program II	WH and SH												
		C	P 6.1		WH and SH	none	Ph.D.-Project 3	cf. Target Agreement									(24)
4th. Semester																	
	none	C	P 4	Special Skills for Advanced Students	WH and SH												
(4.)		C	P 4.1		WH and SH	none	Special Methods Course	Practical Training	6	Regular attendance P4.1	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		Once, next scheduled date	3

*) Clarifications regarding columns 1, 12, 17 and 18 can be found at the end of the table

1	Module					Course				Modular/Submodular Examination							18
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Semester*	Admission requirements	Compulsory (C) / Elective (E)	Abbreviated designation of the Module/Course	German designation of module according to Annex 1/Column 1	Available in Weekly Hours (WH)/Semester Hours (SH)	Admission requirements	German designation of course according to Annex 1/Column 1	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form	Examination duration	Grade or Pass/Fail	Grade weighting	Can be retaken*	ECTS Points*
(4.)		C	P 4.2		WH and SH	Successful participation P3.3	Key Qualifications, Special Skills	Exercises	3	Regular attendance P4.2	SME	Presentation or oral examination or assessment test or protocol	10-45 Minutes or 30 Minutes or 60-90 Minutes or approx. 30 pages	Pass/Fail		discretionary	3
(4.)	cf. P 6 / I	C	P 6 / II	Academically Supervised Doctoral Program II	WH and SH					cf. Target Agreement	ME	cf. Target Agreement	cf. Target Agreement	Pass/Fail		Once, next scheduled date	48 =24+24
		C	P 6.2		WH and SH	none	Ph.D.-Project 4	cf. Target Agreement									(24)
5th. Semester																	
	successful participation P 6	C	P 7 / I	Academically Supervised Doctoral Program III	WH and SH												
(5.)		C	P 7.1		WH and SH	none	Ph.D.-Project 5	cf. Target Agreement		cf. Target Agreement	SME	cf. Target Agreement	cf. Target Agreement	Pass/Fail		Once, next scheduled date	30
6th. Semester																	
	cf. P 7 / I	C	P 7 / II	Academically Supervised Doctoral Program III	WH and SH												
(6.)		C	P 7.2		WH and SH	none	Ph.D.-Project 6			cf. Target Agreement	SME, PhDA	Dissertation	98 Weeks, 25.000 up to max. 37.500 words	Grade	1,5	Once, next scheduled date	10
(6.)		C	P 7.3		WH and SH	Successful participation P 1 through to P 6, P 7.1 and P 7.2	Oral Defence			Regular attendance P 1 through to P 6, P 7.1 and P 7.2	SME, DP	Presentation and Oral Exam	45 Minutes and 30-60 Minutes	Grade	1	Once, next scheduled date	20

*) Clarifications regarding columns 1, 12, 17 and 18 can be found at the end of the table

Module						Course				Modular/Submodular Examination							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Semester*	Admission requirements	Compulsory (C) / Elective (E)	Abbreviated designation of the Module/Course	German designation of module according to Annex 1/Column 1	Available in Weekly Hours (WH)/Semester Hours (SH)	Admission requirements	German designation of course according to Annex 1/Column 1	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form	Examination duration	Grade or Pass/Fail	Grade weighting	Can be retaken*	ECTS Points*
Clarifications:																	
<u>Column 1:</u>																	
Entries that appear in parentheses are mere recommendations; entries without parentheses define a binding scheduled deadline (§ 11).																	
<u>Column 12:</u>																	
ME = Modular Examination / SME = Submodular Examination / PhDA = Dissertation / DP (<i>Disputation</i> /Oral Defence)																	
<u>Column 18:</u>																	
ECTS points without parentheses are awarded for passing the assigned modular or submodular examination. ECTS inside parentheses only serve for numerical classification purposes.																	

*) Clarifications regarding columns 1, 12, 17 and 18 can be found at the end of the table