



LUDWIG-
MAXIMILIANS-
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MÜNCHEN



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**Examination and Study Regulations
of Ludwig-Maximilians-Universität München
for the Master's Degree Program Neurosciences
within the framework of the Bavarian Elite Network**

Version of 7 October 2010

First Amended Version, 28 March 2012

Amendment of the Examination and Study Regulations of 7 October 2010:

- Statute for the modification of the Examination and Study Regulations of the Ludwig-Maximilians-Universität München for the Neurosciences Master's Degree Program within the framework of the Bavarian Elite Network (2010) of 28 March 2012

The Ludwig-Maximilians-Universität München, 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 Master's Degree Examination

(1) ¹This research-oriented study program delivers an intensive and research-based training to further deepen the knowledge acquired in basic studies cycles of biology, physics, neurocognitive psychology, biochemistry and other knowledge, skills and proficiencies acquired in the field of the natural sciences and to increase students' knowledge, skills and proficiencies in the field of neurosciences. ²Starting from a solid knowledge of the molecular and cellular basics of cell biology and neurobiology, the student should develop an in-depth understanding of neuron-neuron interactions, the dynamics of the neuron-glia interaction as well as of information transmission mechanisms in simple and complex circuits. ³These fundamentals allow the student his/her further study path to critically engage issues such as neurocognition, neurophilosophy and the theory of science. ⁴The mediation of specialist knowledge includes and wraps up the theoretical, methodical and experimental foundations necessary to scientific work, promoting simultaneously the necessary skills for the application-oriented, research and teaching-related fields of work.

(2) ¹The study-accompanying Master's examination (§9(1)) completes the qualifications for the Neurosciences Master's program. ²The Master's examination determines whether the student has obtained a good overview and a critical understanding of the field of study, if he/she is capable of applying scientific methods and knowledge and if he/she has acquired the specialised knowledge necessary for entering professional life.

(3) ¹Within the framework of the foreseen courses, the Master's program also conveys key qualifications. ²Such qualifications include especially

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

(4) All courses and their corresponding modular and submodular examinations are held in English.

§ 2

Academic Degree

The Faculty of Biology awards the successful graduates of the Master's degree program the academic degree of "Master of Science" (in its abbreviated form: "M. Sc.").

§ 3

Admission Requirements

(1) ¹Admission to the Master's program shall only be open to those candidates who can accredit having a higher education degree conferring professional qualifications or its equivalent from a domestic or foreign institution and with a study program of at least six semesters of duration in the specialized field of biology, psychology, medicine, physics or related field. ²Further admission conditions may be set out in the statutes regarding the aptitude procedure for Ludwig-Maximilians-Universität München.

(2) ¹In exceptional cases the Ludwig-Maximilians-Universität München may admit admission to the Neurosciences Master's program even if the candidate does not yet have a higher education degree conferring professional qualifications as set out in paragraph one, sentence one. ²As a precondition for admission, the student must prove to be suitable as set out in paragraph 1, second sentence of the Statutes, and must provide accreditation of undergraduate studies which are sufficiently advanced as to be able to foresee that they shall be successfully completed and entitle the student to the education degree conferring professional qualifications at the latest at the end of the first year after having commenced the Master's program. ³ If the degree conferring professional qualifications cannot be presented before the end of the first year, the enrolment in the Master's program shall be annulled. ⁴ In this case, taken modular and submodular examination assigned to the Master's program shall be considered as not having been successfully taken.

(3) Assessment and decisions as to whether the requirements for admission as set out in paragraph 1 are met shall be performed for enrolment procedure in consultation with the competent Examination Board.

(4) 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 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

program cycles, for all issues related to a planned change of studies or in relation to admission problems.

(2) ¹Academic Counselling is carried out by the corresponding Faculty's academic counsellor. Counselling seeks to aid especially with regard to study planning as far as content and timeframes are concerned. Information regarding examinations and acknowledgement of study and examination results is supplied mainly by the members of the corresponding Examination Board and/or Examination authorities.

II. Duration, Structure and Development

§ 5

Start of the Study Program, Standard Period of Study, Semester Weekly Lecture Hours

(1) Studies for this Master's program may only be commenced during the winter semester.

(2) ¹The program has a standard duration of four semesters, during which period the Master's thesis dissertation must also be completed. ²A maximum of 106 weekly lecture hours per semester (SWS in its German acronym) are required.

§ 6

European Credit Transfer System (ECTS) points

(1) ¹This Master's program requires the attainment of a total of 120 European Credit Transfer System (ECTS) points. ²ECTS points provide a quantitative means of measuring overall performance of the student(s). ³They cover performance directly in all courses and teaching formats included under § 8 (1), second sentence, as well as the time needed for preparing and processing 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 (§ 5(2), first sentence).

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

§ 7

Modular Structure and Modules

(1) ¹The Master's program is designed following a modular structure and set out in a compulsory and binding manner as exposed in Annex 2. ²Empty cells in Annex 2 have no binding character.

(2) ¹The Master's 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 accordance with successful participation, invested time and in line with the guidelines for such point concession as set out in §6(1).

(4) ¹According 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) Admission to modules is subject to fulfilment of the admission requirements; more details can be found in Annex 2/Column 2.

(6) Annex 2 sets out:

1. the modules,
2. their assignation to one or several semesters (Annex 2/Column 1),
3. admittance 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 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 as described in Annex 2/Columns 8 and 9. ²Annex 2/Columns 8 and 9 foresees specifically the following courses and teaching methods:

1. lectures,
2. exercises,
3. seminars,
4. colloquia,
5. practical training,
6. field courses (excursions),
7. tutorials,
8. guided scientific work,
9. workshops.

(2) All courses are assigned to specific modules.

(3) ¹The syllabus for the current Master's 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 admittance requirements; details under Annex 2/Column 7.

(5) Annex 2 conveys a schedule of:

1. all foreseen courses,
2. course types (compulsory or elective courses – Annex 2/Column 3) and the selection modalities for elective courses,
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. admittance requirements or conditions (Annex 2/Column 7),
7. the abbreviated designation of the course (Annex 2/Column 4),
8. the 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. Master's Degree Examination

1. Modular and Submodular Examinations

§ 9

Modular and Submodular Examinations as Part of the Master's Examination

(1) The Master's examination consists of modular and submodular examinations.

(2) ¹As shown in Annex 2, each module finishes with a module examination or with a specific number of submodular exams. ²Successfully passed modular or submodular examinations shall automatically credit the student's personal credit points account with the corresponding number of ECTS points (§ 12). ³Submodular examination regulations shall apply if a module exam is held by several instructors and the exam does not qualify as a submodular.

(3) ¹Participation in modular or submodular examinations is subject to the student meeting all admittance requirements. 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 has not been fulfilled. §11 (5), sentences 3 to 7 apply accordingly. The course instructor checks attendance by the students, who sign the attendance lists. The lists are saved.

(4) The student must prove through modular, submodular examinations or the total of submodular examinations of the corresponding module that he/she has acquired the

knowledge and skills foreseen for that module and set out in the courses contained 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 (standar 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. forms of examination (Annex 2/Column 13),
7. duration of examinations (Annex 2/Column 14),
8. evaluation (grading with “pass” or “fail” – 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 types together with their assigned duration, it will be up to the relevant course instructor to inform at the beginning of his/her course which of the types shall be applicable for the given course.

§ 10

Evaluation of the Modular and Submodular Examinations

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

(2) The 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 grading 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 (§ 11 (1), third sentence), 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 results 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.

³If more submodular examinations for courses are successfully passed than were necessary to successfully complete 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

1. all modular or submodular examinations assigned to the compulsory courses have been successfully taken in the manner stipulated in Annex 2 and
2. all modular or submodular examinations assigned to the elective courses have been successfully taken in the manner stipulated in Annex 2.

³If more submodular examinations are successfully passed for elective courses than required according to sentence 2, number 2, subject to § 8 (3), the first successfully passed examination shall be considered as being the required examination according to sentence 2. ⁴If submodular examinations for elective courses are

1. successfully taken in different semesters, the one taken earliest, and
2. the better ones from among those taken successfully in the same semester

shall be considered. ⁵If a submodular examination for an elective course first exceeds the ECTS points foreseen for the corresponding module, only the amount of ECTS points that do not exceed the required amount shall be taken into consideration.

§11

Modular and Submodular Examinations: Pass, Failure and Resitting

(1) ¹A modular or submodular 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 §30, have been successfully completed at the latest at the end of the semester 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 successfully completed when all partial requirements have been completed at the latest by the end of the semester following the scheduled deadlines, with the exception for circumstances as set out under §30.

(2) ¹Should Annex 2/Column 1 show an entry in parenthesis for a modular or submodular examination, then the end of the fourth semester shall be the scheduled deadline for completion. ²Said modular or submodular examination shall be considered as successfully completed if it is successfully passed at the latest by the end of the fifth semester, with the exception for circumstances as set out under §30.

(3) Modular and submodular examinations shall also be considered as 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 resitting the exam is foreseen.

(5) ¹Subject to § 30, modular and submodular examinations shall be

1. considered as having been taken but failed if they have not been duly retaken in the semester following the scheduled deadline for completion on grounds for which the student is responsible and
2. considered as having been irrevocably failed if they have not been taken before the end of the third semester following the scheduled deadline for completion on grounds for which the student is responsible.

Subject to §30, should Annex 2/Column 1 show an entry in parenthesis for a modular or submodular examination, it shall then be considered

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

³Any grounds that may qualify as justification for the inobservance of the deadlines as set out in sentences 1 and/or 2 must be reported to the Examination Office 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 Examination Office may generally or in specific cases demand that the student supply 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. ⁷For modular and submodular examinations that are susceptible to being broken down, the results already obtained shall be taken into consideration.

(6) Any failed modular or submodular examination may, with the exception of the orientation examination (§ 13) and the Master's thesis (§ 14), and without prejudice of any provisions differing from the rules foreseen in Annex 2/Column 17, be retaken as often as desired.

(7) With the exception of the Master's thesis (§ 14), retaking a modular or submodular examination which has already been successfully completed with the aim of improving a grade shall be permitted only one time and at the next possible scheduled examination date. The best result is taken into consideration.

(8) The grade and ECTS points earned through a modular or submodular examination can only be counted once for this Master's program in the sense of § 6 (1), sentence 1.

§12

Credit Points Account

¹The Examination Office provides all students enrolled in the Master's degree program with a personal account. This account shows:

1. all successfully passed modular and submodular examinations (§ 11 (1 to 3)), with the corresponding indication of having "passed" 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" 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 form of certification and which gives the student information on applicable legal remedies.

2. Extraordinary Modular and Submodular Examinations

§13

Orientation Examination

(1) The orientation examination seeks to give the student an early impression of his/her foreseeable suitability or non-suitability to fulfil the requirements of the Master's degree program.

(2) The orientation examination is considered as successfully passed if the module: Orientation Examination as set out in Annex 2/Column 12 for the first semester receives a grade of "sufficient" (4.0) or better.

(3) ¹The orientation examination must be completed by the end of the first semester. ²Should the student fail this examination, he/she may retake it at the next scheduled examination date. ³However, the student must first be given the chance to retake the course(s) assigned to the orientation examination. ⁴The dispositions set out in § 27 (2), sentence 3 shall be considered as having been duly observed.

(4) ¹Subject to the exceptions foreseen in § 30, the orientation examination shall be considered as

1. taken but failed if it has not been successfully retaken at the end of the first semester on grounds for which the student is responsible and
2. as irrevocably failed if it is not successfully retaken at the next available scheduled date as set out in No. 1 on grounds for which the student is responsible.

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

§14

Master's Thesis

(1) The Master' thesis is a submodular examination.

(2) The Master's thesis should demonstrate that the student is able to independently work on a task from his/her field of specialisation with scientific methods within a set period of time (paragraph 7).

(3) ¹The Master's thesis is supervised by a person assigned to be the first or second examiner (§ 23 (3) No. 3). ²Should the student wish to write his/her thesis in an institution other than the Ludwig-Maximilians-Universität München, he/she shall require the permission of the Chairperson of the Examination Board to do so.

(4) ¹The procedure for thesis topic assignment is announced by the Examination Office in its customary way in the first two weeks after the start of the student's next to last regular study semester; an announcement by the Examination Office via the internet exclusively shall suffice. ²The topic and delivery date for the Master's thesis for each student are duly documented at the Examination Office. ³The student may express a preference for a certain topic; the supervisor however is not bound to accept such preferences. ⁴The thesis topic may be rejected only once, within two weeks after assignment has taken place. ⁵The provisions set out in § 27 (3), sentence 3 are considered as having been duly applied; § 27 (3) applies accordingly.

(5) ¹The supervisor must

1. assign the Master's thesis topic and
2. assess the Master's thesis

within the due time frames, to allow the Examination Office to receive the assessment two weeks before the end of the student's last regular semester of study at the latest. ²If a second examiner is involved, sentence 1, No.2 applies accordingly.

(6) ¹Students who have not had a topic assigned to them before they are half way through their next to last regular study semester must contact the Chairperson of the Examination Board immediately. ²The Chairperson of the Examination Board must ensure that each student is assigned a topic for his/her Master's thesis.

(7) ¹The Master's thesis must be completed within 26 weeks. ²The Master's thesis is accredited with 28 ECTS points.

(8) ¹The student shall submit three copies of the Master's thesis to the Examination Office within the established deadlines, with the submission date being duly documented. ²The Examinee must assure in writing that he/she has written the thesis independently and that he/she has used no other aids or sources than those indicated. ³In general or in individual cases the Examination Board may demand an electronic copy of the Master's thesis as well as the regular copies, specifying in such a case all technical requirements.

(9) ¹The Master's thesis is assessed by the thesis supervisor (paragraph 3, first sentence). ²Master's theses that are due to receive the grade "failed" must be assessed by a second examiner (§ 23 (3), No. 3).

(10) ¹A Master's thesis that receives a grade worse than "sufficient" (4.0) may be repeated one time and at the next possible available date. ²A rejection of the thesis topic within the deadlines set out under paragraph 4 (4) is however only possible if the student has not already used this mechanism in his/her first Master's thesis attempt.

3. Forms of Examination and Appraisals

§15

Oral Modular and Submodule 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 address 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 Master's program.

(2) The duration of oral modular or submodular examinations is 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 or submodular oral examination.

§16

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 space of time and with the aid of limited assistance mechanisms using the necessary basic knowledge and with the average 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.

(3) ¹Written modular and submodular examination can be carried out partly or entirely according to the multiple choice system, that is, in such a way that the examinee must indicate which answer out of several possibilities best answers each question. ²The examination questions have to be set in such a way as to allow unequivocal results and ³all examinees must receive the same set of questions. ⁴The correct answers must be clearly identified at the question-setting stage. ⁵The examination questions have to be verified according to sentence 2 for reliability by the examiner before the determination of the examination results. ⁶Should this verification exercise find questions that do not comply with these standards, the answers to these shall not be taken into consideration for the examination results. ⁷The number of questions for individual modular and submodular examinations shall be accordingly reduced. ⁸Only the new, reduced, number of questions shall be taken into account when assessing the written modular or submodular examination in line with paragraph 4, first sentence. ⁹The reduction in the number of questions shall not prejudice the examinee.

(4) ¹Written modular and submodular examination in line with paragraph 3, first sentence, that consist of questions which allow for only one (1) correct answer out of a number (n) of suggestions ("1 out of n") shall be considered successfully passed if

1. the examinee has correctly answered at least 60 per cent of all questions or
2. the examinee has answered at least 50 per cent of the questions correctly and the number of correctly answered questions is not below 15 per cent of the average student's performance that first took the respective examination.

²Should sentence 1, No. 2 need to be applied, the Dean of Studies must be informed thereof. ³Should the examinee achieve the minimum number of correctly answered examination questions needed to pass according to sentence 1, the grade shall be

1. "very good" if the student has answered at least 75 per cent of the questions correctly,
2. "good" if the student has correctly answered at least 50 but less than 75 per cent,

3. “satisfactory” if the student has correctly answered at least 25 but less than 50 per cent,
4. “sufficient” if the student has answered none or at less than 25 per cent of the questions correctly.

(6) ¹For examinations according to paragraph 3, first sentence, where any number of answers can be correct (an unknown number x between zero and n of a total n of answer suggestions is correct – “ x out of n ”), paragraph 4 will apply with the proviso that instead of the ratio between all correctly answered questions and the total number of questions, the ratio between the rough points reached by the examinee and the maximum possible performance is applicable. ²For each question with multiple choice possibilities a score is determined in line with the number of answer suggestions (n) that can be multiplied by a weighting factor for the individual multiple choice question. ³The examinee obtains a basic rating for a multiple answer question that in case of total accordance of the answer suggestions chosen by the examinee with the answers considered correct corresponds to the score. ⁴One basic point is awarded each time that the answer suggestion chosen/not chosen by the examinee coincides with the answer considered as correct/incorrect. ⁵Likewise, one minus point is given for the basic rating each time an answer suggestion which is considered right is not selected by the examinee or if an answer suggestion considered as incorrect is chosen. ⁶The basic rating of a question cannot go below zero points. ⁷The rough points are calculated from the basic rating multiplied by the corresponding individual weighting factor of the multiple choice question. ⁸The total maximum performance corresponds to the sum of the products of all scores and their corresponding weighting factors of all multiple choice questions.

(7) For all written modular or submodular examinations that only consist in part of multiple choice questions, paragraphs 3 to 5 shall be applicable to that particular part.

(8) ¹A written modular or submodular examination can also be held in an electronic format. ²The responsible course instructor will inform the students at the beginning of the course regarding the type and scope of the electronic exam. ³The students must be given sufficient opportunity to acquaint themselves with the electronic examination formats in the course of instruction before the exam is due. ⁴Data protection provisions are applicable.

§17

Other Forms of Modular and Submodular Examinations; Appraisals

(1) A home assignment consists of a written piece of work that is presented as a continuous text. ²§14 (8), sentence 3 applies accordingly.

(2) ¹A presentation paper (*Referat*) is an individually prepared presentation with the aid of suitable visual material and ² may be followed by a specialist discussion.

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

(4) ¹Should 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 has not been fulfilled. ²§11 (5), sentences 3 to 7 apply accordingly. ³The course instructor checks attendance by the students, who sign the attendance lists. The lists are saved.

(5) More details can be found under Annex 2. One page of a continuous written text contains 1,500 characters

4. Result of the Master's Examination

§18

The Master's Examination: Pass and Failure

(1) The master's candidate must successfully pass the Master's examination by the end of the fourth semester of study.

(2) ¹The Master's examination shall be considered as having been successfully passed if the orientation examination as set out in § 13 has been successfully passed by the end of the fifth semester of study at the latest and

1. all modular and submodular examinations of compulsory modules as well as of all elective courses have been successfully passed as foreseen in Annex 2 and
2. the necessary 120 ECTS points have been earned.

²The Master's 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 Master's examination shall be considered as having been irrevocably failed in case of:

1. taking but failing the orientation examination ,
2. taking but failing a modular and submodular examination for the compulsory and elective modules foreseen in Annex 2,

when the regulations do not foresee the possibility of retaking said examination.

(4) ¹ Subject to §30, the Master's 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 one semester 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 three semesters for reasons that are the responsibility of the student.

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

§ 19**Notification of and Certification of Failure**

(1) Should the Master's examination be considered

1. as having been irrevocably failed as set out in § 18 (3) or
2. as irrevocably failed as set out in § 18 (4) first sentence, No. 2

the Chairman of the Examination Board shall issue a notification thereof in written form which shall include information on legal remedies available to the student.

(2) Should the Master's examination be considered as failed or as having been failed, a certification shall be issued on petition and presentation of the ex-matriculation certificate in which all successfully passed modular and submodular examinations are listed, together with the corresponding ECTS points earned and the grades assigned, and a statement to the effect that the Master's examination was failed.

§ 20**Calculation of the Final Grade**

¹If the Master's examination has been successfully passed in line with § 18 (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 120 ECTS points have been earned in the Master's examination, only the 120 ECTS points which are considered necessary for passing shall be taken into account when calculating the final grade.³ In order to successfully pass the master's examination

1. all modular and submodular examinations assigned to the compulsory modules must be passed successfully as foreseen in Annex 2 and
2. all modular and submodular examinations assigned to the elective modules must be passed successfully as foreseen in Annex 2

⁴If modular and/or submodular examinations for more elective modules are passed than are necessary according to sentence 3, No. 2, subject to § 7 (2), sentences 3 and 4, the first successfully passed examination shall be taken into consideration in the sense of sentence 2.⁵If modular or submodular examinations for elective courses are

1. taken in different semesters, the one which were taken the earliest
2. or in the case of being taken in the same semester, the ones which have achieved better results

shall be taken into consideration.⁶If a student's initial score in an elective course modular or submodular examination is more than the 120 ECTS points needed, only the necessary 120 ECTS points shall be taken into consideration.

§ 21

Master Diploma (*Master-Urkunde*), Master Certificate (*Master-Zeugnis*), Transcript of Records and Diploma Supplement

(1) ¹After having successfully passed the Master's examination, the student receives the so-called *Master-Urkunde* in German and a Master Diploma in English, with the date in which the last modular or submodular examination was taken. ²These 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 *Master-Zeugnis* in German and the Master Certificate in English, with the date of the *Master-Urkunde* and the Master Diploma. ²The topic of the Master's thesis, the grade obtained in said Master's thesis, as well as the final grade, are all registered in the *Master-Zeugnis* and the Master Certificate.

(3) The Examination Office 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 §§18 and 20 are not included in the Master's examination are included in this transcript for informative purposes.

(4) Additionally, the Examination Office issues a diploma supplement in English with information regarding the type and level of the Master's Degree issued, the status of the Ludwig Maximilian-Universität München as well as detailed information as to the study program for the Master's degree program.

(5) ¹The *Master-Urkunde* and Master Diploma are signed by the Dean and the Chairperson of the Examination Board; the *Master-Zeugnis* and the Master Certificate are signed by the Chairperson of the Examination Board; the Transcript of Records and Diploma Supplement are signed by the Head of the Examination Office. ²*Master-Urkunde* Master Diploma, *Master-Zeugnis*, Master Certificate, Transcript of Records and Diploma Supplement are all stamped with the seal of the Ludwig Maximilian-Universität München.

(6) ¹Should it be discovered after the *Master-Urkunde*, a Master Diploma, a *Master Zeugnis*, Master 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 Examination Board can retrospectively change the originally given grades which are affected and declare the examination as having been partially or integrally failed. ²The incorrect, *Master-Urkunde*, Master Diploma, *Master-Zeugnis*, Master 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 *Master-Urkunde*, Master Diploma, *Master-Zeugnis*, Master Certificate, Transcript of Records and Diploma Supplement and other correct certificate, degree or student account statement shall be issued. ⁴Any such decision is excluded after five years from the date registered on the *Master-Zeugnis* and the Master 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

§ 22

Examination Board and Examination Office

(1) ¹The Examination Board is made up of three members, who shall be authorised to carry out examinations as foreseen by § 62 (1), sentence 2 of the Bavarian Higher Education Act (BayHSchG) jointly with the Ordinance on Higher Education Examiners (HSchPrüferV). ²The members of the Examination Board are appointed by the Faculty Council. ²The members of the Examination Board are appointed for two years. ⁴Reappointment is possible.

(2) ¹The members appoint a Chairperson and his/her substitute from among their numbers. ²The mandate for the Chairperson and its substitute shall be of two years, ³with reappointment being possible.

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

(4) ¹The Examination Board shall be responsible for the organisation of examinations, the assignment of examiners and observers (§ 23 (3)) and for taking all decisions regarding examination matters. ²The Examination Board receives the support of the Examination Office for the fulfilment of its duties. ³The Examination Board shall ensure that the provisions of these Examination and Study Regulations are duly observed. ⁴At regular intervals, the Examination Board shall report to the Dean of Studies with updates regarding the development of examinations and study periods and shall bring forward suggestions for reforming and updating the current Examination and Study Regulations.

(5) ¹The Examination Board can delegate in a revocable manner the completion of certain duties to the Chairperson of the Examination Board, to his/her deputy or to the Examination Office. ²On matters that cannot be postponed, the Chairperson of the Examination Board has the right to take decisions alone; in such cases, the Chairperson shall inform the Examination Board without delay.

(6) The Examination Board shall adopt its own rules of procedure.

(7) The members of the Examination Board shall have the right to attend examinations.

§ 23 Examiners and Observers

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

(2)¹Written modular and submodular examinations which are due to be graded as "failed" must be evaluated by two examiners. 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)).

(3) The Examination Board can appoint generally or for individual cases

1. the observers to attend the oral modular and submodular examinations,
2. a second examiner for modular and submodular examinations which are due to be graded as "failed",
3. the examiner (§ 14 (3)) and/or examiners (§ 14 (9)) for the Master's thesis.

(4)¹ Only those persons which are entitled to carry out examinations in line with § 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 Master's Degree or be able to show comparable qualifications.

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

§ 24 Program Coordinator, Examiners' Duties

(1)¹The Program Coordinator for this Master's degree program shall be appointed by the Faculty. ²For the time where no appointment has yet been made, the Vice Dean shall perform the necessary duties. ³The Program Coordinator, together with the Examination Board, the Examination Office and the central university administration shall perform the following tasks:

1. As far as the establishment of this Master's 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 Master's 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 that take place to the abstract courses foreseen 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
 - f) entering grades and/or evaluations in the electronic database.

(2)¹The examiners are under the obligation (§ 23) of immediately informing the Program Coordinator in the standard format foreseen for this purpose by the Examination Office 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 Examination Office in the standard format it foresees for this purpose. ³These notifications must be submitted within the established deadlines and in correct form to the Examination Office. The Examination Office announces at the latest at the start of each semester the dates in which the notifications of the Program Coordinator and/or of the Examination Office 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 Examination Office 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.

§ 25

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 Examination Board or the Examination Office (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 Examination Office 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 Examination Office 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 Examination Office shall be exempt of any duty of re-attempting to resend the information.

V. Examinations: Procedure

§ 26

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 another degree program at the Ludwig-Maximilians-Universität München or in another state or state-recognized university in the Federal Republic of Germany, by successful participation in a correspondence course unit of a study program at a state or state-recognised university in the Federal Republic of Germany or in study programs at foreign universities unless there are significant differences in the attained competences (study results). ²Credits shall likewise be awarded for accomplished periods of study, study achievements and examination results achieved within a state or state-recognised university in Bavaria in other areas of study as defined in § 56 (6), numbers 1 and 2 of the BayHSchG, in special study offers as defined in § 47 (3), sentence 1 of the BayHSchG or at the Virtual University of Bavaria.

(2) ¹ Competences gained in a relevant and successfully completed vocational training or school education of equal academic value, other advanced studies as defined in § 56 (6), number 3 of the BayHSchG or in professional activities can be credited as long as they are of equivalent value. ²Skills and knowledge acquired outside the sphere of higher education may only replace at most half of the skills required.

(3) ¹When 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. ²In case of doubt the Central Office for Foreign Education (*Zentralstelle für Ausländisches Bildungswesen*) may be consulted.

(4) 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 Examination Board 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.

(5) ¹The students must submit to the Examination Board all accrediting documentation which the students wishes to see recognised at the latest at the end of the first semester of studies at the Ludwig-Maximilians-Universität München after enrolment in the Master's degree program for all accomplished periods of study, study achievements and examination results obtained in the Master's degree program before enrolment in the Ludwig-Maximilians-Universität München. ²For recognition of accomplished periods of study, study achievements and examination results gained after enrolment in the Master's 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 period 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 grading system at the base of the evaluation 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.

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

(7) The Examination Board shall decide on credits for periods of study, study achievements and examination results. In case of doubt, after consultation with the specialist representative of the subject course in question.

§ 27

Course Reservation and Registration for Modular and Submodular Examinations; Study Organizational Aspects

¹The Examination Board 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 reserved a course or who have not observed the

form and/or 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 Examination Office shall inform within the first two weeks after the start of the semester in the customary way as to which courses require reservation and as to form and deadlines to be observed for the reservation of the corresponding course; it shall suffice that the Examination Office publishes this information on the internet exclusively.

(2) ¹ Admission to take any modular and submodular examinations shall be subject registration, with the Examination Board defining the forms and deadlines for registration. ² Students who have not registered or have not observed the form and/or 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. ³ Furthermore, the Examination Board may generally rule that a modular and submodular examination for which registration was duly carried out 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 students withdraws from the modular and submodular examination after having reported for it. ⁴ Paragraph 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) ¹ A 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. ² The Chairperson of the Examination Board shall sign the protocol, which shall be filed and kept for at least five years by the Examination Office.

(4) Study organisational aspects shall be subject to the regulations which determine the criteria for the admission of students to courses with limited capacity within Bachelor's and Master's programs at the Ludwig-Maximilians-Universität of 24 July 2009 in its respectively applicable version.

§ 28

Absence, Withdrawal

(1) A modular or 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 Examination Board had made the necessary arrangements in line with § 27 (2), third sentence 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 for reasons that fall under his/her responsibility.

(2) ¹The student must report the reasons for withdrawal or non-attendance to the Examination Office without undue delay in written and clearly substantiated form.²§ 11 (5), sentences 4 through to 7 apply accordingly.

§ 29

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 aid 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 modular or submodular examination; in this case, the modular 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 Examination Board 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 § 49 (2) No. 3 of the Bavarian Higher Education Act (BayHSchG).

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

(5) § 21 (6), sentences 5 and 6 apply accordingly.

§ 30

Protective Regulations in line with Maternity Protection, Parental Leave and Parental Allowance Legislation as well as in line with Home Care Legislation

(1) It will be possible to claim for the application of protective regulation as set out in §§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 (*Bundeselterngeld- und Elternzeitgesetz* – BEEG in its German Acronym) of 5 December 2006 (BGBl I p. 2748), in its respectively applicable version, and on caregiver leave or the care at home of a relative in line with § 7 (3) of the German law on home care (*Pflege ZG* in its German acronym), of 28 May 2008 (BGBl pages 874, 896) in its respectively applicable version, and for persons needing care as set out in §§ 14, 15 of the eleventh book on social security legislation (*SGB XI*) of 26 May 1994 (BGBl I S. 1014, 1015) in their respectively applicable version.

(2)¹The Examination Board shall determine which courses could pose an extraordinary danger for pregnant or nursing students and shall issue a corresponding warning thereof. ²The Examination Board 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 Examination Board 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 Examination Office in its customary manner; it shall suffice for the Examination Office to publish this information on the internet exclusively.

§ 31

Disability Compensation

(1)¹ Upon application before the Examination Board, severely disabled persons and persons with equal status (§ 2 (2-3) 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 serious 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 modular 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 Examination Board shall have the right to require the presentation of a doctoral certificate as further substantiation. ⁴§11 (5), sentences 4 and 5 apply accordingly.

§ 32

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 modular or submodular examination for a 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 modular 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 Examination Office or to the Chairperson of the Examination Board. 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 Examination Office or to the chairperson of the Examination Board. ³Any claim or substantiation will be excluded after one month has passed since the day on which the modular or submodular examination in question was taken. ⁴§ 11 (5), sentences 3 to 7 apply accordingly.

§ 33

Access to Examination Files, Retention Periods

¹In its customary way and within its usual timeframes, the Examination Office shall inform the participants of a modular or submodular examination after the conclusion of said examination(s), the deadlines to reasonably apply for access to the examination, related expert opinions and records. The Examination Office may announce the period available to request access on the internet exclusively. ²The Examination Office can announce that access in line with sentence 1 may be carried out in a different place other than the Ludwig-Maximilians-Universität München, as specified in sentence 1. It shall suffice for the Examination Office to publish such information on the internet only. ³The complete examination files are retained for at least five years. ⁴The master file, consisting of copies of the *Master-Urkunde*, the Master's Diploma, the *Master-Zeugnis*, the Master Certificate, and the transcript of records, are retained indefinitely. ⁴The documents may be retained in electronic format.

VI. Final Provisions

§ 34

Entry into Force

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

(2)¹ Whosoever was already enrolled before 1 July in the Master's degree on 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 Master's degree on Neurosciences within the framework of the elite network of Bavaria dated 8 October of 2007, most recently amended by the Statutes of 19 June 2009, in the respectively applicable version.

²Whosoever enrolled for the first time on or after 1 July 2010 in the Master's degree program for Neurosciences at the Ludwig-Maximilians-Universität München shall submit to the Examination and Degree Regulations for the Master's degree program on Neurosciences of the Ludwig-Maximilians-Universität München within the framework of the elite network of Bavaria of 7 October 2010.

(3)¹Those students who according to paragraph 2, sentence one above, should choose to submit to the Examination and Degree Regulations for the Master's degree program on Neurosciences of the Ludwig-Maximilians-Universität München within the framework of the elite network of Bavaria of 8 October 2007, most recently amended by the Statutes of 19 June 2009, in their respectively binding version, 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 Master's degree program on Neurosciences within the framework of the elite network of Bavaria of 7 October 2010. ²This petition must be submitted to the Student Coordinator in writing at the latest by 2 November 2010. This petition is irrevocable.

Issued on the basis of the resolution of the Senate of the Ludwig-Maximilians-Universität München of 23 September 2010 and the approval of the President of the Ludwig-Maximilians-Universität München of 7 October 2010 No. I.3-H/1052/10.

Munich, 7 October 2010

Prof. Dr. Bernd Huber
President

These Statutes were set forth on 7 October 2010 at the Ludwig-Maximilians-Universität München and were published on 7 October 2010 in the Ludwig-Maximilians-Universität München. The date of publication is therefore 7 October 2010.

Amendements to the Examination and Degree Regulations of 7 October 2010:

- Statutes for the amendment of the Examination and Degree Regulations of the Ludwig-Maximilians-Universität München (Munich) for the Master's degree program on Neurosciences within the framework of the elite network of Bavaria (2010) of 28 March 2012.

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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
4 Master's Degree Programme (Master of Science, M.Sc.)																	120
1st. Semester																	
/	none	C	P 1	Systemic Neurobiology I	WH					Regular attendance P1.2	ME, OE	Assessment test or oral exam or scientific protocol	90-180 Minutes or 45 Minutes or max. 10 pages	Grade	12	Once, next scheduled date	6
		C	P 1.1		WH	none	Theoretic foundations for systemic neurobiology (Lecture)	Lecture	4								(4)
		C	P 1.2		WH	none	Theoretic foundations for systemic neurobiology (Tutorial)	Tutorial	1								(2)
	none	C	P 2 / I	Neurosciences: Methods	WH												
1.		C	P 2.1		WH	none	Comparative Neuroanatomy	Practical training	3	Regular attendance P 2.1	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3

*) 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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
1.		C	P 2.2		WH	none	Neuroanatomy and Neurohistology	Practical training	3	Regular attendance P2.2	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3
1.		C	P 2.3		WH	none	Neurophysiology	Practical training	3	Regular attendance P2.3	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
1.		C	P 2.4		WH	none	Psychophysics	Practical training	3	Regular attendance P2.4	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3
	none	C	P 3 / I	Sensory Physiology	WH												
1.		C	P 3.1		WH	none	General Sensory Physiology (Lecture)	Lecture	2	none	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	2
(1.)		C	P 3.2		WH and SH	none	General Sensory Physiology (Colloquium)	Colloquium	1	none	SME	Regular participation and presentation	- and 40 Minutes	Pass/Fail		discretionary	1

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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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
	none	C	P 4 / I	Theoretical Neurosciences	WH												
1.		C	P 4.1		WH	none	Modelling of Cellphysiology Processes (Lecture)	Lecture	2	none	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3 = 2+1
		C	P 4.2		WH	none	Modelling of Cellphysiology Processes (Exercises)	Exercises	2								
(1.)	none	C	P 5	Research Project 1	WH and SH					none	ME	Academic protocol	max. 25 pages	Grade		discretionary	6
		C	P 5.1		WH	none	Research Project - Systemic Neurobiology	Guided scientific work	6								(6)

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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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
2nd. Semester																	
	cf. P 2 / I	C	P 2 / II	Neurosciences: Methods	WH and SH												
(2.)		C	P 2.5		WH and SH	none	Special Neuroscientific Methods	Practical training	3	Regular attendance P2.5	SME	Assessment test or oral examination or academic protocol or presentation or home assignment (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3
	cf. P 3 / I	C	P 3 / II	Sensory Physiology	SH										12		
2.		C	P 3.3		SH	none	Audition and Communication (Lecture)	Lecture	2	none	SME	Assessment test or oral examination or academic protocol or presentation or home assignment (presentation or home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Benotung		discretionary	2
2.		C	P 3.4		WH and SH	none	Audition and Communication (Colloquium)	Colloquium	1	none	SME	Regular participation and presentation	- and 40 Minutes	Pass/Fail		discretionary	1

*) 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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
	cf. P 4 / I	C	P 4 / II	Neurosciences: Methods	SH										12		
2.		C	P 4.3		SH	none	Statistic Models and Data Analysis (Lecture)	Lecture	2	none	SME	Assessment test or oral examination or academic protocol or presentation or home assignment (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade	discretionary	3 = 2+1	
		C	P 4.4		SH	none	Statistic Models and Data Analysis (Exercises)	Exercises	2								
2.	successful participation P 1	C	P 6	Systemic Neurobiology II	SH					Regular attendance P6.2	ME	Assessment test or oral examination or academic protocol or presentation or home assignment (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade	12	discretionary	6
		C	P 6.1		SH	none	Neural Development and Higher Neural Functions (Lecture)	Lecture	4								(4)
		C	P 6.2		SH	none	Neural Development and Higher Neural Functions (Tutorial)	Tutorial	1								(2)

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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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
	none	C	P 7	Molecular Neurobiology	SH										18		
2.		C	P 7.1		SH	none	Molecular and Cellular Neurobiology (Lecture)	Lecture	2	none	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minute and max. 50 pages)	Grade	6	discretionary	3
2.		C	P 7.2		SH	none	Molecular Neurobiology: Current Issues (Colloquium)	Colloquium	2	none	SME	Regular participation and presentation	- and 40 Minutes	Grade		discretionary	2
2.		C	P 7.3		SH	none	Molecular Neurobiology: Methods	Practical training	9	Regular attendance P7.3	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	4

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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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
	none	C	P 8 / I	Neuro-philosophy	SH												
2.		C	P 8.1		SH	none	Neurophilosophy (Lecture)	Lecture	2	none	SME	Presentation or home assignment or (presentation and home assignment)	40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3
(2.)	none	C	P 9	Research Project 2	WH and SH					none	ME	Academic protocol	max. 25 pages	Grade		discretionary	6
		C	P 9.1		WH and SH	none	Research Project - Molecular and Cellular Neurobiology	Guided scientific work	6								(6)
3rd. Semester																	
	cf. P 8 / I	C	P 8 / II	Neuro-philosophy	WH and SH										12		
(3.)		C	P 8.2		WH and SH	none	Neurophilosophy: Seminar	Seminar	2	Regular attendance P8.2	SME	Presentation or home assignment (presentation and home assignment)	40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3

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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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
	none	C	P 10	Interdisciplinary training	WH and SH												
(3.)		C	P 10.1		WH and SH	none	Interdisciplinary Training 1	Lecture or colloquium or practical training or excursion or exercise or seminar	9	Regular attendance P10.1	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	6
(3.)		C	P 10.2		WH and SH	none	Interdisciplinary Training 2	Lecture or colloquium or practical training or excursion or exercise or seminar	6	Regular attendance P10.2	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
(3.)		C	P 10.3		WS und SS	none	Interdisciplinary Training 3	Lecture or colloquium or practical training or excursion or exercise or seminar	6	Regular attendance P10.3	SME	Assessment test or oral examination or academic protocol or presentation or home assignment or (presentation and home assignment)	90-180 Minutes or 45 Minutes or max. 10 pages or 40 Minutes or max. 50 pages or (40 Minutes and max. 50 pages)	Grade		discretionary	3
(3.)	none	C	P 11	Lab-rotation	WH and SH					none	ME	Academic protocol	max. 25 pages	Grade		discretionary	3
		C	P 11.1		WH and SH	none	Lab Practice	Guided scientific work	4								(3)
3.	none	C	P 12	Research Project 3	WH and SH					none	ME	Academic protocol	max. 25 pages	Grade		discretionary	6
		C	P 12.1		WH and SH	none	Research Project - Neurosciences	Guided scientific work	9								(6)
(3.)	none	C	P 13	Teaching and Training	WH and SH					Regular attendance P13.1 to P13.3	ME	oral exam	30 Minutes	Pass/Fail		discretionary	3
		C	P 13.1		WH and SH	Successfull participation P 1 and P 6	Tutorial work for beginners	Tutorial	1								(1)
		C	P 13.2		WH and SH	none	Non-scientific Skills I	Workshop	1								(1)
		C	P 13.3		WH and SH	none	Non-scientific Skills II	Workshop	1								(1)

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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 module/course	Module designation	Available in Week Hours (WH) or Semester Hours (SH)	Admission requirements	Course designation	Form of instruction	Semester Weekly Hours (SWH)	Admission requirements	Examination type*	Examination form / Appraisals	Examination duration	Grade or Pass / Fail	Grade weighting	Can be retaken*	ECTS points*
4th. Semester																	
	Success- full participa- tion P 1 to P 12	C	P 14	Master Degree Module	SH												
4.		C	P 14.1		SH	none	Master's thesis	Master's thesis		none	SME, MAT	Master's thesis	max. 26 weeks, 60.000 - max. 100.000 characters	Grade		once, next scheduled date	28
4.		C	P 14.2		SH	none	Specialist colloquium	Colloquium	1	none	SME	Presentation	40 minutes	Grade		discretionary	2

Clarifications:Column 1:

Entries that appear in parentheses are mere recommendations; entries without parentheses define a binding scheduled deadline (§ 11).

Column 12:

ME = Modular Examination / SME = Submodular Examination / OE = Orientation Examination / MAT = Master's Thesis

Column 17:

Modular and Submodular examinations which are also orientation examinations are subject to the special regulations on the orientation examinations (§ 13).

Column 18:

ECTS points without parentheses are awarded for passing the assigned modular or submodular examination. ECTS inside parentheses only serve for numerical classification purposes.

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