# FSB (Subject-Specific Provisions)
# for the
# Master of Science Degree Programme in
# Translational Neuroscience (ENB)
# (120 ECTS credits)

at Julius-Maximilians-Universität Würzburg
dated 29 January 2019

This document is available for download at
(Reference: http://www.uni-wuerzburg.de/amtl_veroeffentlichungen/2018-64)

and in the version of the amendment dated 18 December 2019 at
(Reference: http://www.uni-wuerzburg.de/amtl_veroeffentlichungen/2019-62)

and in the version of the amendment dated 22 December 2021 at
(Reference: http://www.uni-wuerzburg.de/amtl_veroeffentlichungen/2021-89)

Article 13 Subarticle 1 Sentence 2 in conjunction with Article 58 Subarticle 1 and Article 61 Subarticle 2 Sentence 1 *Bayerisches Hochschulgesetz* (Bavarian Higher Education Act, BayHSchG) dated 23 May 2006 (*Bayerisches Gesetz- und Verordnungsblatt* (Bavarian Law and Ordinance Gazette, GVBI, p. 245, *Bayerische Rechtssammlung* (Collection of Bavarian Laws, BayRS) 2210-1-1-WFK) as amended from time to time forms the framework for the following subject-specific provisions decreed by Julius-Maximilians-Universität Würzburg.

## Contents

## Part 1: General Provisions

### Section 1 Scope

These subject-specific provisions (FSB) shall supplement the ASPO (General Academic and Examination Regulations) for the Bachelor's and Master's Degree Programmes at Julius-Maximilians-Universität Würzburg (JMU) dated 2 March 2015 as amended from time to time.

### Section 2 Aims and Objectives of the Degree Programme, Learning Outcomes

(1) [1]The Translational Neuroscience programme leading to the degree of Master of Science (MSc) is offered by the Faculty of Medicine of JMU in the framework of a Master's model. [2]The degree of Master of Science is a further qualification; it has a research focus and entitles graduates to enter a profession.

(2) [1]In the four-semester Master's programme, the fundamental knowledge and skills acquired in a Bachelor's programme (biology, biomedicine, biochemistry, molecular medicine, psychology) or a successfully completed medical degree (State Examination) are deepened and expanded. [2]Students acquire the ability to work independently in accordance with scientific methods and are prepared for professional practice as neuroscientists. [3]The programme furnishes students with a professional qualification that empowers them for many areas of activity in specialist institutions and the private sector, for example in research, healthcare, education and training, the world of work, and culture.

[4]The curriculum includes the following contents:

1. In the framework of the mandatory courses (major), advanced methodical competences shall be taught and the skills acquired during the programme fostered through a work placement in professional practice. In addition, students shall acquire comprehensive, state-of-the-art scientific knowledge in the respective fields of application of the Translational Neuroscience programme through the mandatory modules 'Neurobiology', 'Neurology/Neurosurgery', 'Psychiatry' and 'Psychology'.

2. In the framework of the mandatory electives (minor), students shall select areas of specialisation according to their personal interests and preferences. By choosing a total of four out of eight cogent neuroscientific subject areas, students shall acquire special knowledge in other neuroscientific disciplines which are relevant for neurobiological research and professional practice or offer fields of work for neuroscientists, such as neurophysiology, neuroimmunology, biostatistics, neural imaging or motor function-related professions.

3. Through a mandatory practical training and, if applicable, work placements additionally chosen by the students within the scope of the mandatory electives, students shall learn to apply the knowledge acquired in the framework of the mandatory modules and mandatory electives in scientific practice through the supervised implementation of scientific studies in a sub-area of neurosciences they shall choose themselves.

[5]The Institute of Clinical Neurobiology at the University of Würzburg shall make available a broad portfolio of advisory services to support (prospective) students. [6]In addition to the Central Academic Advisory Service, programme guidance shall also be available.

[7]Through their Master's thesis, students shall show that they are able to work independently and within a clearly defined thematic area and a limited time period on a task from the neurosciences under consideration of scientific aspects and in particular in accordance with known methods or by modifying such methods.

(3) [1]The Master's examination shall determine whether the candidate understands the interrelationships in the neurosciences and has the ability to apply independently the scientific

methods used in the discipline. [2]It is a further qualification, has a research focus and entitles graduates to enter a profession.

## Section 3 Start, Structure and Standard Length of Programme

(1) By way of derogation from Section 7 ASPO, the MSc degree programme in Translational Neuroscience offers winter intake only.

(2) [1]The degree programme is structured as follows:

| Area or sub-area | ECTS credits | |
|---|---|---|
| Mandatory courses (major) | 55 | |
| Mandatory electives (minor) | 35 | |
| Module Group – General Compulsory Electives | | |
| Modules Mandatory Electives Lab Courses | | |
| Modules Sections of Graduate School GSLS: Neuroscience | | |
| Thesis and thesis defence | 30 | |
| Written paper | | 25 |
| Thesis defence | | 5 |
| Total | 120 | |

[2]In this context, students may select, in the framework of the mandatory electives (minor), modules from different disciplines (General Mandatory Electives) as well as further practical trainings (work placements) but also 'advanced' modules from among the mandatory courses (major). [3]In this case, students must complete numerically graded modules on a total scale of 20 ECTS credits.

(3) [1]With regard to the mandatory electives, only a specific number of modules shall be offered each semester, if possible, unless the SFB (list of modules) provide for other regulations. [2]However, students shall have no entitlement to specific modules.

(4) The standard length of programme for the MSc degree programme in Translational Neuroscience shall be four semesters, in which students must earn a total of 120 ECTS credits.

## Section 4 Prerequisites for Admission to the Programme, Recommended Fundamental Knowledge and Skills

(1) [1]Admission to the MSc degree programme in Translational Neuroscience shall be conditional on the following prerequisites:

    a) A Bachelor's degree (180 ECTS credits) completed at JMU or another university in Germany or abroad or an equivalent German or foreign qualification (e.g. State Examination) or a successfully completed medical degree;

    b) The first degree indicated under Letter a) must include a specialisation in the life sciences, mathematics, physics, chemistry and/or psychology. In this context, proof must be provided of competences in the following core areas of biology: cell biology, molecular biology and biochemistry. Proof of competences in individual core areas must also be produced on the following scale:

        aa) At least 10 ECTS credits in experimental research methods

   and

        bb) At least 3 ECTS credits in physiology.

The required competences are taught at JMU in particular in the framework of the following programmes: BSc in Biology, BSc in Biochemistry and BSc in Biomedicine (180 ECTS credits) and the State Examination in Human Medicine;

c) Suitable proof of English language proficiency at least to Level C1 of the Common European Framework of Reference for Languages (CEFR), for example:

aa) Test of English as a Foreign Language (TOEFL) with at least 590 paper-based TOEFL points, 240 computer-based TOEFL points or 95 internet-based TOEFL points, or

bb) International English Language Test System (IELTS) with a result of 6.5 or higher or

cc) Cambridge Certificate in Advanced English (CAE);

Apart from proof of English language proficiency, basic knowledge of the German language is expected.

d) Proof of aptitude for the MSc degree programme in Translational Neuroscience furnished in the framework of an aptitude assessment procedure (cf. Appendix 'Aptitude Assessment Procedure').

[2]The aptitude assessment panel shall decide on the equivalence of the first degree in accordance with Sentence 1 Letter a) and whether the required prerequisites in accordance with Sentence 1 Letter b) and c) are met. [3]When deciding on the equivalence of first degrees with the above-mentioned reference qualification as well as for verifying the required minimum competences and their scale (in particular in the case of non-modularised programmes), the principle of reverse burden of proof and the obligation to establish equivalence shall apply in accordance with Article 63 *Bayerisches Hochschulgesetz* (Bavarian Higher Education Act, BayHSchG), insofar as there are no significant differences with regard to the competences acquired (learning outcomes).

(2) [1]In the case that the requirements set out in Subsection 1 Sentence 1 Letter a) to c) are not met, admission to the MSc degree programme in Translational Neuroscience shall not be possible, unless admission to the Master's programme is possible in accordance with Subsection 4. [2]In this case, applicants shall receive corresponding notification stating the reasons for the decision and instructions on the available legal remedies.

(3) [1]If the requirements set out in Subsection 1 Sentence 1 Letter a) to c) are met, the applicant shall be admitted to the aptitude assessment procedure (cf. Appendix 'Aptitude Assessment Procedure'). [2]Applicants who complete the aptitude assessment procedure successfully shall be entitled to commence the Translational Neuroscience programme at JMU, as long as the requirements for this programme do not substantially change. [3]Applicants who do not complete the aptitude assessment procedure successfully shall receive notification stating the reasons for the decision and instructions on the available legal remedies. [4]Applicants shall be offered one opportunity to repeat the aptitude assessment procedure for the Translational Neuroscience programme on the next possible occasion.

(4) [1]In order to facilitate an uninterrupted transition from a Bachelor's degree to the Master's programme, applicants who are not yet able to produce corresponding proof of the degree required in accordance with Subsection 1 Sentence 1 Letter a) at the time of application may be admitted to the Master's programme in the semester immediately following, subject to a resolutive condition as follows:

a) Proof at the time of application of at least 150 ECTS credits or – in the case of programmes not modularised within the meaning of the ECTS – academic achievements on a corresponding scale in the first degree required in accordance with Subsection 1 Sentence 1 Letter a);

b) Proof of the specialisation indicated in Subsection 1 Sentence 1 Letter b);

c) Proof of English language skills at the time of application as specified in Subsection 1 Sentence 1 Letter c); and

d) Proof of aptitude for the MSc degree programme in Translational Neuroscience furnished in the framework of an aptitude assessment procedure (cf. Appendix 'Aptitude Assessment Procedure').

[2]In the event that the resolutive condition takes effect, i.e. that proof of the first degree specified in Subsection 1 Sentence 1 Letter a) is not produced at the latest by the end of the re-enrolment period for the second subject semester of the MSc degree programme in Translational Neuroscience, the applicant is to be disenrolled at the end of the first subject semester. [3]In the event that the resolutive condition does not take effect, final admission to the MSc degree programme in Translational Neuroscience is possible.

## Section 5 Minimum ECTS Score Requirement

These FSB do not prescribe a minimum ECTS score requirement as described in Section 13 Subsection 5 ASPO.

## Section 6 Examination Committee

(1) [1]By way of derogation from Section 14 Subsection 1 Sentence 3 ASPO, the examination committee for the Translational Neuroscience programme shall comprise five members with voting rights. [2]A representative of the student body shall be appointed to the examination committee in an advisory capacity by the examination committee at the suggestion of the students (Faculty Student Representation). [3]Only the members with voting rights and not the advisory members shall take part in the election of the chairperson of the examination committee.

(2) [1]The examination committee must comprise at least three professors, of which at least two must be members of the Faculty of Medicine. [2]The chairperson must hold a 'Habilitation' or an equivalent qualification.

(3) The examination committee may decide to bring in additional members in an advisory capacity.

## Part 2: Assessments

## Section 7 Other Subject-Specific Assessments

Definition of methods of assessment:

- Log: The purpose of the log shall be to document processes and to present, evaluate and discuss the experimental results on the basis of background information on the methodology.

- Poster in line with conference specifications: The poster produced presents the data obtained in current research projects based on a working hypothesis and draws conclusions for the respective research context.

## Section 8 Area of Degree Finalisation: Master's Thesis and Thesis Defence

(1) [1]The Master's thesis shall be worth 25 ECTS credits. [2]The time allowed for completion of the thesis shall be six months.

(2) The Master's thesis must be defended in the framework of an oral examination in accordance with the SFB.

(3) [1]The oral examination shall be conducted by two examiners. [2]As a rule, the first reviewer of the Master's thesis shall be appointed. [3]If one of the examiners is incapacitated for important reasons, he or she may be replaced by a co-examiner versed in the respective subject; Sentence 2 shall apply accordingly regarding appointment. [4]The examiner may delegate the recording of the minutes to the co-examiner versed in the respective subject.

## Section 9 Overall Grade, Grade for the Degree Subject and Grades Awarded for Individual Areas

[1]A student's overall grade shall be calculated in accordance with the provisions of Section 35 Subsection 1 ASPO. [2]The grade for the degree subject (Translational Neuroscience) shall be calculated in accordance with Section 35 Subsection 2 ASPO, the grades for the individual areas shall be calculated in accordance with Section 35 Subsection 3 to 5 ASPO. [3]When calculating the grades for the individual areas, the 'basket model' described in Section 35 Subsection 5 Sentence 7 and 8 ASPO shall apply. [4]Students must complete numerically graded modules on a scale of at least 20 ECTS credits in the mandatory electives. [5]In accordance with Section 35 Subsection 3 Sentence 3 ASPO, only the modules with the best grades on a scale of 20 ECTS credits shall be taken into consideration.

[6]When calculating the grade for the degree subject and the overall grade, the individual areas shall be assigned the following weight values:

| Area or sub-area | ECTS credits | Weight value for | | |
|---|---|---|---|---|
| | | Area | Grade in degree subject | Overall grade |
| Mandatory courses | 55 | 55/55 | 55/120 | |
| Mandatory electives | 35 | 35/35 | 35/120 | 120/120 |
| Thesis and thesis defence | 30 | 30/30 | 30/120 | |
| Total | 120 | | | |

## Part 3: Final Provisions

## Section 10 Entry into Force

[1]These FSB shall enter into force on the day following their announcement. [2]They shall apply to all students enrolled in the Translational Neuroscience programme that leads to the award of the degree of Master of Science (120 ECTS credits) who commence studies in that programme at JMU in the winter semester 2015/2016 or later and whose programmes are governed by the ASPO (General Academic and Examination Regulations) for the Bachelor's and Master's Degree Programmes at Julius-Maximilians-Universität Würzburg dated 1 July 2015 as amended from time to time.

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*These FSB shall enter into force on 1 October 2017 in the version of the amendment. The entry into force of the ASPO remains unaffected.*

**Appendix Aptitude Assessment Procedure**

[1]Admission to the Master's programme shall be conditional on passing the aptitude assessment procedure. [2]This shall be conducted as described below.

### Section 1 Purpose of the Aptitude Assessment Procedure

[1]The purpose of the aptitude assessment procedure is to gauge, based on
1. educational background and
2. the subject-related and methodical skills of which proof is to be produced,

who is qualified for the Master's degree programme. [2]The aim is to determine whether the applicant satisfies the high requirements of the MSc degree programme in Translational Neuroscience. [3]The research-oriented programme demands not only the learning of subject-related knowledge in the framework of interdisciplinary research and training but also extensive self-motivation and personal responsibility, which are needed in order to deal with the rapid methodological progress continuously taking place in neuroscientific research. [4]Qualifying for the Master's degree programme in Translational Neuroscience presupposes the applicant's aptitude according to the following rules.

### Section 2 Aptitude Assessment Procedure

(1) The aptitude assessment procedure shall be conducted in the summer semester for the respective following winter semester under the responsibility of the Faculty of Medicine of JMU.

(2)[1]Applications for admission to the MSc degree programme in Translational Neuroscience must be submitted by 15 March to the chairperson of the aptitude assessment panel (cf. Section 3) for the MSc degree programme in Translational Neuroscience in the form and by the closing date (preclusive period) specified; in particular, an electronic application procedure via the relevant JMU websites may be foreseen here. [2]Should there be reasons beyond the applicant's control, the documents referred to in Subsection 4 may be submitted later and by 15 May (preclusive period) at the latest (for the winter semester) in order to be granted final admission or admission subject to a resolutive condition to the Master's programme. [3]In the event that the applicant cannot meet this closing date (e.g. because the Bachelor's degree certificate has not yet been issued), the only remaining option shall be admission subject to a resolutive condition in accordance with Section 4 Subsection 4 FSB.

(3) Applications must include:
1. Academic achievements from the first degree as specified in Section 4 Subsection 1 Sentence 1 Letter a) FSB:
   a) Proof of a university degree or an equivalent qualification (in the case of applications for final admission to the Master's programme) indicating the final grade achieved, or
   b) [1]Proof of 150 ECTS credits or – in the case of programmes not modularised within the meaning of the ECTS – academic achievements on a corresponding scale (in the case of applications for admission to the Master's programme subject to a resolutive condition). [2]The grades achieved must be clear from the transcript;
   c) Proof of the specialisation required in accordance with Section 4 Subsection 1 Sentence 1 Letter b) FSB, for example in the form of an overview of previous study and examination achievements (transcript of records).
2. Proof that the applicant possesses the language skills required in accordance with Section 4 Subsection 1 Sentence 1 Letter c) FSB.

**Section 3 Aptitude Assessment Panel**

[1]The aptitude assessment procedure shall be conducted by an aptitude assessment panel comprising eight members of the Faculty of Medicine authorised to administer university examinations in accordance with the *Hochschulprüferverordnung* (Directive on Higher Education Examiners, HSchPrüferV). [2]The members of the aptitude assessment panel shall be appointed by the Faculty Board of the Faculty of Medicine for a period of three years; reappointment shall be permitted. [3]The members of the aptitude assessment panel shall elect a chairperson and a deputy chairperson by way of simple majority. [4]The aptitude assessment panel shall be quorate if its members have been summoned with due notice of three days and the majority of the members are present. [5]In the case of elections and other decisions (especially within the aptitude assessment procedure), the panel shall decide by simple majority vote. [6]In the event of a tied vote, the chairperson shall have the casting vote.

**Section 4 Admission to the Aptitude Assessment Procedure, Scale and Content of the Aptitude Assessment Procedure, Establishment and Announcement of the Result, Minutes**

(1) Participation in the aptitude assessment procedure presupposes, in addition to the fulfilment of the requirements in accordance with Section 4 FSB, that the documents indicated in Section 2 Subsection 3 have been submitted in full and by the due date.

(2) [1]The aptitude assessment procedure shall be conducted in three stages:

1. [1]First of all a pre-selection shall take place (first stage of the aptitude assessment procedure) which, on the basis of the documents submitted, shall evaluate whether admission to the programme is to be refused because insufficient aptitude is already recognisable from the documents submitted. [2]Those applicants shall be rejected on the grounds of insufficient aptitude who did not achieve a grade of at least *gut* (good, 2.4) in the first degree of which proof is to be produced in accordance with Section 4 Subsection 1 Sentence 1 Letter a) FSB (in the case of an application for final admission) or the achievements of which proof is to be produced in accordance with Section 4 Subsection 4 Sentence 1 letter a) FSB on the scale of 150 ECTS credits (in the case of an application for admission subject to a resolutive condition).[3]In the case of admission to the Master's programme subject to a resolutive condition, the average grade is calculated as follows: Firstly, all successfully completed and graded modules shall be ranked in tiers, starting with the best and beginning with the highest number of ECTS credits within the same tier; secondly, in the resulting sequence, modules shall be selected until the total sum of their ECTS credits reaches 150; finally, the average grade is calculated from the average weighted on the basis of ECTS credits (weighted arithmetic mean) of the grades for the individual modules used, whereby the last module included in the calculation is only weighted with the ECTS credits required to reach 150. [4]The grade is calculated to one digit after the decimal point; all other digits are deleted without rounding. [5]Should the applicant have passed modules on a scale of at least 150 ECTS credits but the proportion of modules with numerical grades be less than 150 ECTS credits, only the modules with numerical grades shall be considered.
[6]In the event that the grading scheme used at another university does not correspond to JMU's grading system with regard to the first degree earned there (or the grades obtained there), the provisions of Section 18 Subsection 5 ASPO shall apply mutatis mutandis with regard to the conversion of the grading systems, with the specificity that responsibility then lies with the aptitude assessment panel in place of the examination committee.

2. [1]In a second pre-selection round (second stage of the aptitude assessment procedure), applicants' fundamental competences in individual sub-areas of the life sciences, for example physiology, cell biology, chemistry/biochemistry, psychology, genetics, neurobiology and bioinformatics, shall be assessed in a two-hour written test. [2]The test shall be composed of two parts: a first general part, which comprises the same questions for all examinees, and a second part dedicated especially to neuroscience. [3]The results of the general part and the special part are weighted in a ratio of 1:1. [4]The sections in the special part are also weighted in a ratio of 1:1.

[5]The test shall be conducted in the period from 1 April to 30 April at Julius-Maximilians-Universität Würzburg, the date shall be set at least four weeks in advance by the aptitude assessment panel. [6]The test may also be conducted at the same time by persons in a position of trust at universities elsewhere appointed by the aptitude assessment panel. [7]JMU shall invite examinees in good time and at least 14 days before the date of the respective test. [8]Travel costs shall not be reimbursed. [9]Examinees have passed the second stage of the aptitude assessment procedure if they have achieved a grade of 2.0 or higher in the test. [10]In this case, they shall be invited to the third stage of the aptitude assessment procedure; otherwise, they have not passed the second stage of the aptitude assessment procedure and must be rejected on the grounds of insufficient aptitude.

3.  [1]Proof of aptitude for the subject must additionally be furnished in the framework of a selection interview in English lasting about 30 minutes (third stage of the aptitude assessment procedure). [2]The selection interview shall be conducted in the period from 1 May to 15 June. [3]JMU shall invite examinees in good time and at least 14 days before the date of the respective interview. [4]The selection interview shall be conducted separately with each examinee by at least two examiners appointed by the aptitude assessment panel. [5]Entitled to act as examiners can be both the members of the aptitude assessment panel themselves and persons engaged in teaching who are in charge of courses within the Master's degree programme in Translational Neuroscience and authorised to administer university examinations in accordance with HSchPrüferV. [6]Travel costs shall not be reimbursed. [7]Minutes of the main topics of the interview must be kept and signed by the examiners. [8]The date and place of the selection interview, the examiners' names, the examinee's name and the result of the interview must also be recorded in the minutes. [9]After the respective selection interview, the examiners shall assess the examinee's aptitude for the MSc degree programme in Translational Neuroscience. [10]In the selection interview, examinees must give a 10-minute presentation on a scientific project or placement in which they were or are personally involved. [11]In normal circumstances, the topic of the thesis of the first degree must be chosen. [12]In justified exceptions, the aptitude assessment panel may allow another topic of the examinee's choice. [13]The presentation is followed by a question-and-answer session lasting 10 minutes. [14]The selection interview ends with a general discussion lasting 10 minutes. [15]Each of the three parts shall be awarded a maximum of 10 points separately by each of the two examiners in accordance with the following scheme.

|  | Criteria |  |
|---|---|---|
| **Presentation** | English / level of rhetorical skills | 1 to 10 points each; the mark for the **presentation** block is the sum of all points divided by the number of criteria (the average grade is calculated to one digit after the decimal point; all other digits are deleted without rounding).<br><br>Free-text remarks can be used for raising or lowering the mark. |
|  | Introduction |  |
|  | Results (presentation, didactics, design) |  |
|  | Quality of experiments (controls, standards, statistics) |  |
|  | Critical reflection (interpretation / over-interpretation) |  |
|  | Summary |  |
|  | Adherence to the time limit of 10 minutes |  |
| **Remarks** |  |  |
| **Discussion** | Willingness to engage in discussion | 1 to 10 points each; the mark for the **discussion** block is the sum of all points divided by the number of criteria (the average grade is calculated to one digit after the decimal point; all other digits are deleted without rounding).<br><br>Free-text remarks can be used for raising or lowering the mark. |
|  | Ability to comprehend question content |  |
|  | Convincing answers |  |
|  | Ability to position own work in scientific context |  |
|  | Ability to respond to critical questions |  |
| **Remarks** |  |  |
| **Interview** | Reflection on scientific career plans | 1 to 10 points each; the mark for the **interview** block is the sum of all points divided by the number of criteria (the average grade is calculated to one digit after the decimal point; all other digits are deleted without rounding).<br><br>Free-text remarks can be used for raising or lowering the mark. |
|  | Knowledge of current developments in the life sciences |  |
|  | General knowledge |  |
|  | Communication skills |  |
| **Remarks** |  |  |

[16]The average scores in the three areas are then added together. [17]The selection interview shall be considered to have been passed if the applicant achieves 24.0 points or more and aptitude for the MSc degree programme in Translational Neuroscience considered to have been established if both examiners arrive at this conclusion. [18]Applicants achieving less than 24.0 points shall be rejected on the grounds of insufficient aptitude.

(3) [1]Applicants shall be notified in writing of the result of the aptitude assessment procedure; if aptitude has been established, applicants must present the respective notification at the time of enrolment. [2]Rejections must be justified and include information on available legal remedies.

**Appendix SFB**

# Studienfachbeschreibung (subject description, SFB) for the subject
## Translational Neuroscience as a Master's with 1 major
## with the degree "Master of Science" (120 ECTS credits)

Responsible: Faculty of Medicine                                    Examination regulations version: 2022

| | |
|---|---|
| Abbreviations used: | Course types: **E** = field trip, **K** = colloquium, **O** = conversatorium, **P** = placement/lab course, **R** = project, **S** = seminar, **T** = tutorial, **Ü** = exercise, **V** = lecture |
| | Term: **SS** = summer semester, **WS** = winter semester |
| | Methods of grading: **NUM** = numerical grade, **B/NB** = (not) successfully completed |
| | Regulations: **(L)ASPO** = general academic and examination regulations (for teaching-degree programmes), **FSB** = subject-specific provisions, **SFB** = list of modules |
| | Other: **A** = thesis, **LV** = course(s), **PL** = assessment(s), **TN** = participants, **VL** = prerequisite(s) |
| Conventions for the modules in this SFB: | Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus. |
| Information on assessment procedures: | Should there be the option to choose between several methods of assessment, the lecturer will agree with the module coordinator on the method of assessment to be used in the current semester by two weeks after the start of the course at the latest and will communicate this in the customary manner. |
| | Should a module comprise more than one graded assessment, all assessments will be equally weighted, unless otherwise stated below. |
| | Should the assessment comprise several individual assessments, successful completion of the module will require successful completion of all individual assessments. |

In accordance with the general regulations governing the degree subject described in this module catalogue:

**ASPO2015**

associated official publications (FSB (subject-specific provisions)/SFB (list of modules)):

**22-Dec-2021 (2021-89)**

This module handbook seeks to render, as accurately as possible, the data that is of statutory relevance according to the examination regulations of the degree subject. However, only the FSB (subject-specific provisions) and SFB (list of modules) in their officially published versions shall be legally binding. In the case of doubt, the provisions on, in particular, module assessments specified in the FSB/SFB shall prevail.

Every module will be described using the following form:

| Abbreviation | **Module title** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | | Duration | (in semesters) | Method of grading | | Module level | |
| | Courses | | To be specified in the form X (y) with course type X abbreviated as specified above and number of weekly contact hours y | | | | | |
| | Method of assessment | | | | | | | |
| | Only after successful completion of | if applicable | | | | | | |
| | Other prerequisites | if applicable | | | | | | |
| | Participants and allocation of places | if applicable | | | | | | |
| | Additional information | if applicable | | | | | | |
| | Referred to in LPO I | if applicable (examination regulations for teaching-degree programmes) | | | | | | |

| Compulsory Courses (55 ECTS credits) | | | | | | | |
|---|---|---|---|---|---|---|---|
| 03-TN-MNS-152-mo1 | **Methods in Neurosciences** | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | V (0) + P (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |
| 03-TN-NB1-152-mo1 | **Clinical Neurobiology 1** | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | |
| 03-TN-NB2-152-mo1 | **Clinical Neurobiology 2: Trend-setting and current findings in neurobiology** | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |
| 03-TN-NN1-152-mo1 | **Neurology/ Neurosurgery 1** | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | |
| 03-TN-NN2-152-mo1 | **Neurology/ Neurosurgery 2** | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |
| 03-TN-PSYT1-152-mo1 | **Psychiatric Neurosciences** | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | |
| 03-TN-PSYT2-152-mo1 | **Current findings in psychiatric neurosciences** | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |

| 06-TN-BPSY1-152-m01 | **Biopsychology 1** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | | |

| 06-TN-BPSY2-152-m01 | **Biopsychology 2** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | | |

| 03-TN-LR1-152-m01 | **Advanced lab rotation 1** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | P (2) | | | | | |
| | Method of assessment | | a) log (approx. 10 to 30 pages) or b) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | | |
| | other prerequisites | | Please consult with course advisory service in advance. | | | | | |

| 06-TN-BS-222-m01 | **Biostatistics** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | |
| | Courses | | V (0) + S (2) | | | | | |
| | Method of assessment | | a) Klausur (30-60 Min., auch Multiple Choice) oder b) Protokoll (ca. 10-30 S.) oder c) mündliche Einzelprüfung (30-60 Min.) oder d) mündliche Gruppenprüfung (max. 3 TN, ca. 30-60 Min.) oder e) Referat (20-45 Min.) | | | | | |

## Compulsory Electives (35 ECTS credits)

## Module Group General Compulsory Electives

| 03-TN-P-152-m01 | **Pain** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | V (0) + P (2) | | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | | |

| 03-TN-NI-172-m01 | **Neuroinflammation** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (0) + S (0) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)<br>Language of assessment: English | | | | | |

| 03-TN-IC-152-m01 | **Ion channels** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (o) + S (o) + P (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | | |

| 03-TN-FI-152-m01 | **Functional Neuroimaging** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | V (o) + S (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | | |

| 03-TN-DI-172-m01 | **Developmental Neuroimaging** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | S (o) + Ü (o) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)<br>Language of assessment: English | | | | | |

| 03-TN-PN-172-m01 | **Regeneration in the nervous system** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | | V (o) + S (o) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)<br>Language of assessment: English | | | | | |

| 03-TN-DNP-172-m01 | **Developmental Neuropsychiatry** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (o) + S (o) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)<br>Language of assessment: English | | | | | |

| 03-TN-CN-152-m01 | **Cellular Neurobiology** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (o) + P (2) | | | | | |
| | Method of assessment | | Log (approx. 10 to 30 pages) | | | | | |

| 03-TN-EP-152-m01 | **Experimental Psychiatry** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (0) + P (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| 03-TN-DCN-152-m01 | **Developmental cognitive Neuroscience** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | V (0) + S (0) + Ü (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| 03-TN-RM-172-m01 | **RNA-Metabolismus/ RNA metabolism** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | | S (0) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)<br>Language of assessment: English | | | | |

| 06-TN-EPHY-182-m01 | **Electrophysiology in human and animals** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | | S (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes) or f) poster according to specific congress requirements<br>Language of assessment: English | | | | |

| 03-TNOM-191-m01 | **Optical methods for visualization and manipulation of neural circuits- from synapses to behavior** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | |
| | Courses | | S (2) | | | | |
| | Method of assessment | | a) Written Examination (30-60 Minutes; Open Questions as well as Multiple Choice) or b) Protocol (10-30 pages) or c) Individual Oral Exam (30-60 Minutes) or d) Oral Examination in groups of up to three students (30-60 Minutes) or e) Presentation (20-45 Minutes) | | | | |

| 03-TN-PDES-182-m01 | **Project design** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | | S (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes) or f) poster according to specific congress requirements<br>Language of assessment: English | | | | |

| 03-TN-PDEV-182-m01 | **Project Development** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | | S (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes) or f) poster according to specific congress requirements<br>Language of assessment: English | | | | | |

| 03-TN-EXP1-182-m01 | **Ask the expert 1** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | | S (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes) or f) poster according to specific congress requirements<br>Language of assessment: English | | | | | |

| 03-EXP2-182-m01 | **Ask the expert 2** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | | S (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes) or f) poster according to specific congress requirements<br>Language of assessment: English | | | | | |

| 03-TN-ASL-152-m01 | **Advanced Subject Lecture 1 (actual lectures to be specified)** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 10 | Duration | | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | V (4) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | | |
| | other prerequisites | | Please consult with course advisory service in advance. | | | | | |

| 03-TN-ASL-2-152-m01 | **Advanced Subject Lecture 2 (actual lectures to be specified)** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | V (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | | |
| | other prerequisites | | Please consult with course advisory service in advance. | | | | | |

| 03-TN-ASL-3-152-m01 | **Advanced Subject Lecture 3 (actual lectures to be specified)** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | V (2) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) | | | | | |
| | other prerequisites | | Please consult with course advisory service in advance. | | | | | |

| 03-TN-MP-1-152-mo1 | **Meeting Participation 1 (Poster)** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | poster in accordance with conference specifications | | | | |

| 03-TN-MT-1-152-mo1 | **Meeting Participation 1 (Talk)** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 10 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (4) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |

| 03-TN-ATP-1-152-mo1 | **Advanced Training Program GSLS 1** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | T (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| 03-TN-ATP-2-152-mo1 | **Advanced Training Program GSLS 2** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | T (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| 03-TN-TU-1-152-mo1 | **Tutorial 1** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 3 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | T (1) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| 03-TN-TU-2-152-mo1 | **Tutorial 2** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | T (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| **Modules Compulsory Electives Lab Courses** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|

| 03-TN-LR2-152-m01 | **Advanced lab rotation 2** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 10 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | P (4) | | | | | |
| | Method of assessment | | a) log (approx. 10 to 30 pages) or b) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or c) presentation (20 to 45 minutes) | | | | | |
| | other prerequisites | | Please consult with course advisory service in advance. | | | | | |

| 03-TN-LR3-152-m01 | **Advanced lab rotation 3** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 10 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | P (4) | | | | | |
| | Method of assessment | | a) log (approx. 10 to 30 pages) or b) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or c) presentation (20 to 45 minutes) | | | | | |
| | other prerequisites | | Please consult with course advisory service in advance. | | | | | |

| 03-TN-EL-1-152-m01 | **External Lab Rotation 1** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 10 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | P (4) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | | |

| 03-TN-AL-1-152-m01 | **Advanced Practical Course Neuroscience Lab 1** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 10 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | P (4) | | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | | |

| **Modules Sections of Graduate School GSLS: Neuroscience** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|

| 07-MLS-RG-NS1-152-m01 | **Research Group Seminar Neurosciences 1** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | | |

| 07-MLS-RG-NS2-152-m01 | **Research Group Seminar Neurosciences 2** | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | | |

| 07-MLS-GP-NS1-152-m01 | **Graduate Program Seminar Neurosciences 1** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |

| 07-MLS-GP-NS2-152-m01 | **Graduate Program Seminar Neurosciences 2** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |

| 07-MLSWS-NS1-152-m01 | **Workshop Neurosciences 1** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | W (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| 07-MLSWS-NS2-152-m01 | **Workshop Neurosciences 2** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | W (2) | | | | |
| | Method of assessment | | a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) | | | | |

| 07-MLSRNS1-152-m01 | **Retreat Neurosciences 1** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |

| 07-MLSRNS2-152-m01 | **Retreat Neurosciences 2** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | graduate |
| | Courses | | S (2) | | | | |
| | Method of assessment | | e) presentation (20 to 45 minutes) | | | | |

## Thesis (30 ECTS credits)

| 03-TN-MST-152-m01 | **Masterthesis in Translational Neuroscience** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 25 | Duration | | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | No courses assigned to module | | | | |
| | Method of assessment | | Master's thesis (50 to 100 pages) | | | | |

| 03-TN-MSK-152-m01 | **Oral Examination Translational Neuroscience** | | | | | | |
|---|---|---|---|---|---|---|---|
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | graduate |
| | Courses | | K (2) | | | | |
| | Method of assessment | | presentation of Master's thesis (30 minutes) and discussion (15 minutes) <br> Language of assessment: Upon agreement of both examiners, assessment may also be held in English or another language. | | | | |
| | Modules successfully completed | | 03-TN-MST | | | | |