

## Annex 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: 2017

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)):

**10-May-2017 (2017-37)**

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	<b>Module title</b>						
	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 (50 ECTS credits)							
03-TN-MNS-152-m01	<b>Methods in Neurosciences</b>						
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level graduate
	Courses	V (0) + P (2) Module taught in: English					
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or d) presentation (20 to 45 minutes) Language of assessment: English					
03-TN-NB1-152-m01	<b>Clinical Neurobiology 1</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level graduate
	Courses	V (2) Module taught in: English					
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) Language of assessment: English					
03-TN-NB2-152-m01	<b>Clinical Neurobiology 2: Trend-setting and current findings in neurobiology</b>						
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level graduate
	Courses	S (2) Module taught in: English					
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English					
03-TN-NN1-152-m01	<b>Neurology/ Neurosurgery 1</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level graduate
	Courses	V (2) Module taught in: English					
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) Language of assessment: English					
03-TN-NN2-152-m01	<b>Neurology/ Neurosurgery 2</b>						
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level graduate
	Courses	S (2) Module taught in: English					
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English					

03-TN-PSYT1-152-m01	<b>Psychiatric Neurosciences</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: English						
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) Language of assessment: English						
03-TN-PSYT2-152-m01	<b>Current findings in psychiatric neurosciences</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English						
06-TN-BPSY1-152-m01	<b>Biopsychology 1</b>							
	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 b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes)						
06-TN-BPSY2-152-m01	<b>Biopsychology 2</b>							
	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	<b>Advanced lab rotation 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	P (2) Module taught in: English						
	Method of assessment	b) log (approx. 10 to 30 pages) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) Language of assessment: English						
	other prerequisites	Please consult with course advisory service in advance.						

Compulsory Electives (40 ECTS credits)							
Module Group General Compulsory Electives							
03-TN-P-152-m01	<b>Pain</b>						
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level graduate
	Courses	V (0) + P (2) Module taught in: English					
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English					
03-TN-NI-172-m01	<b>Neuroinflammation</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level graduate
	Courses	V (0) + S (0) Module taught in: English					
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or d) presentation (20 to 45 minutes) Language of assessment: English					
03-TN-IC-152-m01	<b>Ion channels</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level graduate
	Courses	V (0) + S (0) + P (2) Module taught in: English					
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or d) presentation (20 to 45 minutes) Language of assessment: English					
03-TN-FI-152-m01	<b>Functional Neuroimaging</b>						
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level graduate
	Courses	V (0) + S (2) Module taught in: English					
	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) Language of assessment: English					

03-TN-DI-172-m01	<b>Developmental Neuroimaging</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (o) + Ü (o) Module taught in: English						
	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) Language of assessment: English						
03-TN-PN-172-m01	<b>Regeneration in the nervous system</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (o) + S (o) Module taught in: English						
	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) Language of assessment: English						
03-TN-DNP-172-m01	<b>Developmental Neuropsychiatry</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (o) + S (o) Module taught in: English						
	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) Language of assessment: English						
03-TN-CN-152-m01	<b>Cellular Neurobiology</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (o) + P (2)						
	Method of assessment	b) Log (approx. 10 to 30 pages)						

03-TN-EP-152-m01	<b>Experimental Psychiatry</b>								
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses	V (o) + P (2) Module taught in: English							
	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) Language of assessment: English							
03-TN-DCN-152-m01	<b>Developmental cognitive Neuroscience</b>								
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate	
	Courses	V (o) + S (o) + Ü (2) Module taught in: English							
	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) Language of assessment: English							
03-TN-RM-172-m01	<b>RNA-Metabolismus/ RNA metabolism</b>								
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate	
	Courses	S (o) Module taught in: English							
	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) Language of assessment: English							
03-TN-ASL-1-152-m01	<b>Advanced Subject Lecture 1 (actual lectures to be specified)</b>								
	ECTS	10	Duration		Method of grading	(not) successfully completed	Modul level	graduate	
	Courses	V (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) Language of assessment: English						
		other prerequisites	Please consult with course advisory service in advance.						

03-TN-ASL-2-152-m01	<b>Advanced Subject Lecture 2 (actual lectures to be specified)</b>							
	ECTS	5	Duration		Method of grading	(not) successfully completed	Modul level	graduate
	Courses	V (2) Module taught in: English						
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) Language of assessment: English						
	other prerequisites	Please consult with course advisory service in advance.						
03-TN-ASL-3-152-m01	<b>Advanced Subject Lecture 3 (actual lectures to be specified)</b>							
	ECTS	5	Duration		Method of grading	(not) successfully completed	Modul level	graduate
	Courses	V (2) Module taught in: English						
	Method of assessment	a) written examination (30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) Language of assessment: English						
	other prerequisites	Please consult with course advisory service in advance.						
03-TN-MP-1-152-m01	<b>Meeting Participation 1 (Poster)</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	f) poster in accordance with conference specifications Language of assessment: English						
03-TN-MT-1-152-m01	<b>Meeting Participation 1 (Talk)</b>							
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (4) Module taught in: English						
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English						
03-TN-ATP-1-152-m01	<b>Advanced Training Program GSLS 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	T (2) Module taught in: English						
	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) Language of assessment: English						



03-TN-ATP-2-152-m01	<b>Advanced Training Program GSLS 2</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	T (2) Module taught in: English						
	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) Language of assessment: English						
03-TN-TU-1-152-m01	<b>Tutorial 1</b>							
	ECTS	3	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	T (1) Module taught in: English						
	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) Language of assessment: English						
03-TN-TU-2-152-m01	<b>Tutorial 2</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	T (2) Module taught in: English						
	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) Language of assessment: English						
<b>Module Group Compulsory Electives Lab Courses</b>								
03-TN-LR2-152-m01	<b>Advanced lab rotation 2</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	P (4) Module taught in: English						
	Method of assessment	b) log (approx. 10 to 30 pages) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) Language of assessment: English						
	other prerequisites	Please consult with course advisory service in advance.						

03-TN-LR3-152-m01	<b>Advanced lab rotation 3</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	P (4) Module taught in: English						
	Method of assessment	b) log (approx. 10 to 30 pages) or d) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes) Language of assessment: English						
other prerequisites		Please consult with course advisory service in advance.						
03-TN-EL-1-152-m01	<b>External Lab Rotation 1</b>							
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	P (4) Module taught in: English						
	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) Language of assessment: English						
03-TN-AL-1-152-m01	<b>Advanced Practical Course Neuroscience Lab 1</b>							
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	P (4) Module taught in: English						
	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) Language of assessment: English						
<b>Module Group Sections of Graduate School GSLS: Neuroscience</b>								
07-MLS-RG-NS1-152-m01	<b>Research Group Seminar Neurosciences 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English						
07-MLS-RG-NS2-152-m01	<b>Research Group Seminar Neurosciences 2</b>							
	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)						
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07-MLS- GP-NS1-152-m01	<b>Graduate Program Seminar Neurosciences 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English						
07-MLS- GP-NS2-152-m01	<b>Graduate Program Seminar Neurosciences 2</b>							
	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	<b>Workshop Neurosciences 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	W (2) Module taught in: English						
	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) Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: English						
07-MLSWS- NS2-152-m01	<b>Workshop Neurosciences 2</b>							
	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	<b>Retreat Neurosciences 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English						
07-MLSRNS2-152- m01	<b>Retreat Neurosciences 2</b>							
	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	<b>Masterthesis in Translational Neuroscience</b>							
	ECTS	25	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	No courses assigned to module						
	Method of assessment	Master's thesis (50 to 100 pages) Language of assessment: English						
	Additional Information	Time to complete: 6 months.						
03-TN-MSK-152-m01	<b>Oral Examination Translational Neuroscience</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	K (2) Module taught in: English						
	Method of assessment	presentation of Master's thesis (30 minutes) and discussion (15 minutes) Language of assessment: Upon agreement of both examiners, assessment may also be held in English or another language.						
	Modules successfully completed	03-TN-MST						