

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject Translational Neuroscience with the degree "Zusatzstudium" (90 ECTS credits)

Responsible: Faculty of Medicine

Examination regulations version: 2018

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:

SPO+ASPO2015

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

29-Jan-2019 (2018-65)

18-Dec-2019 (2019-63)

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 (50 ECTS credits)							
03-TN-MNS-152-m01	Methods in Neurosciences						
	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	Clinical Neurobiology 1						
	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	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) Module taught in: English					
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English					
03-TN-NN1-152-m01	Neurology/ Neurosurgery 1						
	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	Neurology/ Neurosurgery 2						
	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	Psychiatric Neurosciences							
	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	Current findings in psychiatric neurosciences							
	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	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 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	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) 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)							
Subarea General Compulsory Electives (20 ECTS credits)							
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) Module taught in: English					
	Method of assessment	e) presentation (20 to 45 minutes) Language of assessment: English					
03-TN-NI-172-m01	Neuroinflammation						
	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	Ion channels						
	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	Functional Neuroimaging						
	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	Developmental Neuroimaging							
	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	Regeneration in the nervous system							
	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	Developmental Neuropsychiatry							
	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	Cellular Neurobiology							
	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	Experimental Psychiatry							
	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	Developmental cognitive Neuroscience							
	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	RNA-Metabolismus/ RNA metabolism							
	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						
06-TN-EPHY-182-m01	Electrophysiology in human and animals							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	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 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	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	a) Written Examination (30 to 60 minutes; also multiple choice) or b) Protocol (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 three students (30 to 60 minutes) or e) Presentation (20 to 45 minutes) Language of assessment: English						
03-TN-PDES-182-m01	Project design							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	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 Language of assessment: English						
03-TN-PDEV-182-m01	Project Development							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	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 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	graduate
	Courses	S (2) Module taught in: English						
	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 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	graduate
	Courses	S (2) Module taught in: English						
	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 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) Module taught in: English						
	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) Language of assessment: English						
	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) 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	Advanced Subject Lecture 3 (actual lectures to be specified)							
	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	Meeting Participation 1 (Poster)							
	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	Meeting Participation 1 (Talk)							
	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	Advanced Training Program GSLS 1							
	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	Advanced Training Program GSLS 2							
	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	Tutorial 1							
	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	Tutorial 2							
	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						
Subarea Compulsory Electives Lab Courses (20 ECTS credits)								
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) 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	Advanced lab rotation 3							
	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	External Lab Rotation 1							
	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	Advanced Practical Course Neuroscience Lab 1							
	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						