

## Annex SFB

### Studienfachbeschreibung (subject description, SFB) for the subject Translational Medicine as a Master's with 1 major with the degree "Master of Science" (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:

**ASPO2015**

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

**21-Nov-2018 (2018-62)**

**11-Dec-2024 (2024-109)**

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 (25 ECTS credits)								
03-TM-EEM-181-m01	<b>Introduction to Experimental Medicine: from the Molecular Basis to Translational Leads</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German or English						
	Method of assessment	written examination (approx. 60 minutes) Language of assessment: German or English						
03-TM-EK-FE-181-m01	<b>Introduction to Clinical Research / Epidemiology: from Clinical Studies to Implementation in the Population</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German or English						
	Method of assessment	written examination (approx. 60 minutes) Language of assessment: German or English						
03-TM-FP1-181-m01	<b>Research Internship I</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	P (6) Module taught in: German or English						
	Method of assessment	Log (approx. 15 pages) Language of assessment: English						
	other prerequisites	Prior approval from director of studiesr required.						
	Additional Information	Additional information on module duration: 3 to 4 weeks, full time.						
03-TM-FP2-181-m01	<b>Research Internship II</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	P (12) Module taught in: German or English						
	Method of assessment	oral presentation (approx. 10 to 15 minutes) and log (approx. 20 to 30 pages) Language of assessment: German or English						
	other prerequisites	Prior approval from director of studiesr required.						
	Additional Information	Additional information on module duration: 6 to 8 weeks, full time.						
Compulsory Electives I: Translational Medicine (25 ECTS credits)								
03-TM-METH-181-m01	<b>Experimental Methods Course</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	P (5) + S (1) Module taught in: German or English						
	Method of assessment	Log (approx. 20 pages) Language of assessment: English						
	Additional Information	Additional information on module duration: 3 weeks, full time.						

03-98-MVKB-152-mo1	<b>Cardiovascular Biology</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German/English						
03-98-MV-MO-152-mo1	<b>Molecular Oncology</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German/English						
03-TM-IN-FIMM-181-mo1	<b>Infection and Immunity</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (1) + S (1) Module taught in: German or English						
03-TN-NB1-152-mo1	<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-TM-IGM-181-m01	<b>Individualized / Genetic Medicine</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German or English						
	Method of assessment	written examination (approx. 30 to 60 minutes) Language of assessment: German or English						
03-98-MV-SZ-152-m01	<b>Stem Cell Biology</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German/English						
	Method of assessment	a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 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: German or English Assessment offered: Once a year, summer semester						
03-98-MVTF-152-m01	<b>Tissue Engineering / Functional Materials</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German/English						
	Method of assessment	a) written examination (30 to 60 minutes) or b) log (approx. 10 to 20 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: German or English Assessment offered: Once a year, winter semester						
03-TM-BI-OM-181-m01	<b>Biometric Methods</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (3) + S (1) Module taught in: German or English						
	Method of assessment	Belegarbeit (thesis) Language of assessment: German or English						
	other prerequisites	May not be combined with 03-TM-BSTAT.						

03-TM-KLST-181-m01	<b>Clinical Studies (GCP, AMG, MPG)</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (1) + S (1) Module taught in: German or English						
	Method of assessment	oral examination (approx. 30 minutes) Language of assessment: German or English						
03-TM-BIO3-181-m01	<b>Biobanking, Biomarkers and Bioinformatics</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (1) + S (1) Module taught in: German or English						
	Method of assessment	a) Oral examination (approx. 30 minutes) or b) written examination (approx. 45 to 90 minutes) Type and length/scope of assessment to be specified at the beginning of the course. Language of assessment: German or English						
03-TM-KE-PI-181-m01	<b>Disease-Specific Epidemiology</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + S (1) Module taught in: German or English						
	Method of assessment	oral examination (approx. 30 minutes) Language of assessment: German or English						
03-TM-EPI-METH-181-m01	<b>Epidemiologic Methods</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (1.5) + S (1.5) Module taught in: German or English						
	Method of assessment	oral examination (approx. 30 minutes) Language of assessment: German or English						
03-TM-EBM-181-m01	<b>Evidence-Based Medicine</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (1.5) + S (1.5) Module taught in: German or English						
	Method of assessment	oral examination (approx. 30 minutes) Language of assessment: German or English						
03-TM-PROG-DIAG-181-m01	<b>Prognostic and Diagnostic Studies</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (1.5) + S (1.5) Module taught in: German or English						
	Method of assessment	written examination (approx. 30 to 60 minutes) Language of assessment: German or English						

03-TM-MEDINF-181-m01	<b>Medical Informatics</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (1.5) + S (1.5) Module taught in: German or English						
	Method of assessment	a) Oral examination (approx. 30 minutes) or b) written examination (approx. 60 minutes) Language of assessment: German or English						
03-TM-GLGH-181-m01	<b>Global Health</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German or English						
	Method of assessment	presentation (approx. 15 to 30 minutes) Language of assessment: German or English						
03-TM-VVER-181-m01	<b>Selected Courses from Related Study Programs</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	unknown
	Courses	V (2) Module taught in: German or English						
	Method of assessment	oral examination (approx. 45 to 60 minutes) Language of assessment: German or English						
	other prerequisites	Prior approval from director of studiesr required.						
03-TM-AI-Med-242-m01	<b>Medical AI Applications</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) + Ü (2) Module taught in: German or English						
	Method of assessment	written examination (approx. 60 to 120 minutes) Language of assessment: German and/or English creditable for bonus						
	Participants and allocation of places	50 (lot)						
<b>Compulsory Electives II: Professional advancement (10 ECTS credits)</b>								
03-TM-FSEM-181-m01	<b>Integrated Research Seminar</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	presentation (approx. 30 minutes) Language of assessment: English						

03-TM-JCL-181-mo1	<b>Journal Club</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	presentation (approx. 30 minutes) Language of assessment: English						
03-TM-WSCH-181-mo1	<b>Winter School</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2) Module taught in: English						
	Method of assessment	presentation (approx. 30 minutes) Language of assessment: English						
03-98-FSQ-GEN-152-mo1	<b>Genetic Engineering and Biosafety</b>							
	ECTS	1	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	V (1)						
	Method of assessment	a) written examination (45 to 90 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (20 to 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) presentation (20 to 30 minutes) Students will be informed about the type and length of assessment at the beginning of the course.						
	Additional Information	Students MUST take this module.						
03-98-FSQ-VTK2-152-mo1	<b>Laboratory Animal Sciences 2</b>							
	ECTS	3	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	undergraduate
	Courses	V (2) + P (1)						
	Method of assessment	written examination (approx. 90 minutes)						
	Additional Information	Equivalent to animal welfare qualification (GV-SOLAS (Society of Laboratory Animals) / FELASA category B).						
03-TM-BSTAT-181-mo1	<b>Biostatistics</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	V (0.5) + S (0.5) Module taught in: German or English						
	Method of assessment	oral examination (approx. 30 minutes) Language of assessment: German or English						
	other prerequisites	May not be combined with 03-TM-BIOM.						



03-TM-GSP-181-m01	<b>Responsible Conduct of Research</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (1) Module taught in: German or English						
	Method of assessment	written examination (approx. 30 minutes) Language of assessment: German or English						
03-TM-PRES-181-m01	<b>Scientific Writing and Presentation</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	Ü (1) + Ü (1) Module taught in: English						
	Method of assessment	a) Log (approx. 10 to 20 pages) or b) oral examination in groups (groups of up to 3 candidates, approx. 20 minutes per candidate) or c) presentation (approx. 20 to 30 minutes) Type and length/scope of assessment to be specified at the beginning of the course. Language of assessment: English						
03-TM-SERV-181-m01	<b>Service Learning: Community Engagement</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	Ü (2) Module taught in: German or English						
	Method of assessment	a) portfolio or b) project Type and length/scope of assessment to be specified at the beginning of the course. Language of assessment: German or English						
00-GSIK-IKK-M-172-m01	<b>Global Systems and Intercultural Competence</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2)						
	Method of assessment	a) presentation (approx. 15 to 30 minutes) or b) term paper (approx. 5 to 10 pages) or c) written examination (approx. 30 minutes) or d) portfolio (approx. 10 hours) or e) oral examination (approx. 15 minutes) Type and length/scope of assessment to be specified at the beginning of the course.						
	Participants and allocation of places	30 places. Places will be allocated after review of written applications (CV, letter of motivation, essay) and (group) interviews. Should there be more than 14 equally qualified applicants, places will be allocated according to the number of subject semesters. Lottery. A waiting list will be maintained and places re-allocated as they become available.						

03-TM-VAND-181-m01	<b>Selected Courses from other Faculties</b>							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	V (2) Module taught in: German or English						
	Method of assessment	oral examination (approx. 30 minutes) Language of assessment: German or English						
other prerequisites	Prior approval from director of studiesr required.							
<b>Thesis (30 ECTS credits)</b>								
03-TM-THE-SIS-182-m01	<b>Master Thesis</b>							
	ECTS	25	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	A (o) Module taught in: English						
	Method of assessment	Master's thesis (approx. 30 to 60 pages) Language of assessment: English						
Additional Information	Time to complete: 6 months.							
03-TM-COLL-182-m01	<b>Colloquium</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	A (o) Module taught in: English						
Method of assessment	colloquium (30 to 45 minutes) Language of assessment: English							