

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)

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 (25 ECTS credits)								
03-TM-EEM-181-m01	Introduction to Experimental Medicine: from the Molecular Basis to Translational Leads							
	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	Introduction to Clinical Research / Epidemiology: from Clinical Studies to Implementation in the Population							
	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	Research Internship I							
	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	Research Internship II							
	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	Experimental Methods Course							
	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	Cardiovascular Biology							
	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. Assessment offered: Once a year, winter semester Language of assessment: German or English					
03-98-MV-MO-152-mo1	Molecular Oncology							
	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. Assessment offered: Once a year, winter semester Language of assessment: German or English					
03-TM-IN-FIMM-181-mo1	Infection and Immunity							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V (1) + S (1)					
	Method of assessment		presentation (approx. 10 minutes) with oral examination of one candidate each (approx. 20 minutes) Language of assessment: German or English					
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-TM-IGM-181-mo1	Individualized / Genetic Medicine							
	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 (30 to 60 minutes) Language of assessment: German or English					

03-98-MV-SZ-152-m01	Stem Cell Biology							
	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. Assessment offered: Once a year, summer semester Language of assessment: German or English						
03-98-MVTF-152-m01	Tissue Engineering / Functional Materials							
	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. Assessment offered: Once a year, winter semester Language of assessment: German or English						
03-TM-BI-OM-181-m01	Biometric Methods							
	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	Clinical Studies (GCP, AMG, MPG)							
	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	Biobanking, Biomarkers and Bioinformatics							
	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	Disease-Specific Epidemiology							
	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	Epidemiologic Methods							
	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	Evidence-Based Medicine							
	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	Prognostic and Diagnostic Studies							
	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 (30 to 60 minutes) Language of assessment: German or English					
03-TM-MEDINF-181-m01	Medical Informatics							
	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	Global Health							
	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	Selected Courses from Related Study Programs							
	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 (45 to 60 minutes) Language of assessment: German or English						
	other prerequisites	Prior approval from director of studiesr required.						
Compulsory Electives II: Professional advancement (10 ECTS credits)								
03-TM-FSEM-181-m01	Integrated Research Seminar							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2)						
	Method of assessment	presentation (approx. 30 minutes) Language of assessment: English						
03-TM-JCL-181-m01	Journal Club							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2)						
	Method of assessment	presentation (approx. 30 minutes) Language of assessment: English						
03-TM-WSCH-181-m01	Winter School							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	S (2)						
	Method of assessment	presentation (approx. 30 minutes) Language of assessment: English						
03-98-FSQ-GEN-152-m01	Genetic Engineering and Biosafety							
	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-m01	Laboratory Animal Sciences 2							
	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-m01	Biostatistics							
	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	Responsible Conduct of Research							
	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	Scientific Writing and Presentation							
	ECTS	2	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses		Ü (1) + Ü (1)					
	Method of assessment		a) Log (10 to 20 pages) or b) oral examination of groups (groups of up to 3 candidates, approx. 30 minutes per candidate) or c) presentation (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	Service Learning: Community Engagement							
	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		portfolio or 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	Global Systems and Intercultural Competence							
	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 (5 to 10 pages) or c) written examination (approx. 30 minutes) or d) portfolio (approx. 10 hours) or d) 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	Selected Courses from other Faculties							
	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.					
Thesis (30 ECTS credits)								
03-TM-THE-SIS-182-m01	Master Thesis							
	ECTS	25	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		A (o)					
	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	Colloquium							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		A (o)					
	Method of assessment		colloquium (30 to 45 minutes) Language of assessment: English					