

## Annex SFB

### Studienfachbeschreibung (subject description, SFB) for the subject FOKUS Pharmacy as a Master's with 1 major with the degree "Master of Science" (6o ECTS credits)

Responsible: Faculty of Chemistry and Pharmacy

Examination regulations version: 2012

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:

**ASPO2009**

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

**11-Sep-2012 (2012-152)**

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 Electives (30 ECTS credits)							
Subfield Lab Courses (10 ECTS credits)							
07-MS3PB-F1-102-m01	<b>Pharmaceutical Biology (Practical Course and Seminar 1)</b>						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	P + S (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	Students will be informed about the length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: 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)					
08-MCM1-102-m01	<b>Practical course medicinal chemistry</b>						
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level   graduate
	Courses	P (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	Vortestate (pre-experiment exams) and Nachtestate (post-experiment exams) (approx. 20 minutes), assessment of practical performance, written report (approx. 30 to 50 pages) Language of assessment: German or English					
08-PTF1-122-m01	<b>Practical research course pharmaceutical technology</b>						
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level   graduate
	Courses	P (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	Vortestate (pre-experiment exams) and Nachtestate (post-experiment exams) (approx. 20 minutes), assessment of practical performance, written report (approx. 30 to 50 pages) Language of assessment: German or English					
08-BCFP-VPSB-102-m01	<b>Practical course "Structural Biology" for advanced</b>						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	P (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	log (approx. 20 pages) and talk (approx. 15 minutes) Language of assessment: German or English					
08-BCFP-VPMM-102-m01	<b>Practical course Molecular Machines for advanced students</b>						
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	P (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	log (approx. 20 pages) and talk (approx. 15 minutes) Language of assessment: German or English					

Subfield Theoretical Courses (15-20 ECTS credits)							
o8-ACM2-102-m01	<b>Bioinorganic Chemistry</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	a) 1 to 3 written examinations (60 or 90 minutes) or b) oral examination of one candidate each (20 minutes) or c) oral examination in groups (groups of 2, 30 minutes). Should there be the option to choose between several methods of assessment, the module coordinator will choose the method to be used for the module component in the current semester at the beginning of the course. Language of assessment: German or English					
o8-OCM-SYNT-102-m01	<b>Modern Synthetic Method</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	S + Ü (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	a) 1 to 3 written examinations (60 or 90 minutes) or b) oral examination of one candidate each (20 minutes) or c) oral examination in groups (groups of 2, 30 minutes). Should there be the option to choose between several methods of assessment, the module coordinator will choose the method to be used for the module component in the current semester at the beginning of the course. Language of assessment: German or English					
other prerequisites	Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).						
o8-OCM-NAT-102-m01	<b>Modern Aspects of Natural Product Chemistry and Biological Chemistry</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)					
	Method of assessment	a) 1 to 3 written examinations (60 or 90 minutes) or b) oral examination of one candidate each (20 minutes) or c) oral examination in groups (groups of 2, 30 minutes). Should there be the option to choose between several methods of assessment, the module coordinator will choose the method to be used for the module component in the current semester at the beginning of the course. Language of assessment: German or English					
Participants and allocation of places	Chemistry Master's: no restrictions. Biochemistry Master's: 20 places. Places will be allocated by lot.						
o8-HKM1-102-m01	<b>Organo- and Biocatalysis</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)					
Method of assessment	a) 1 to 3 written examinations (60 or 90 minutes) or b) oral examination of one candidate each (20 minutes) or c) oral examination in groups (groups of 2, 30 minutes). Should there be the option to choose between several methods of assessment, the module coordinator will choose the method to be used for the module component in the current semester at the beginning of the course. Language of assessment: German or English						

o8-SCM3-102-m01	<b>Bioorganic Chemistry</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) 1 to 3 written examinations (60 or 90 minutes) or b) oral examination of one candidate each (20 minutes) or c) oral examination in groups (groups of 2, 30 minutes). Should there be the option to choose between several methods of assessment, the module coordinator will choose the method to be used for the module component in the current semester at the beginning of the course. Language of assessment: German or English						
o8-TCM1-102-m01	<b>Theoretical Chemistry</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	written examination (90 minutes) Language of assessment: German or English						
other prerequisites	Admission prerequisite to assessment: successful completion of exercises in the respective classes as specified at the beginning of the course (usually 70% of exercises to be successfully completed) as well as regular attendance of exercises (usually a maximum of 2 incidents of unexcused absence).							
o8-MCM3-102-m01	<b>Principles of drug design</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S + Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	presentation with discussion (approx. 30 minutes) Language of assessment: German or English						
Participants and allocation of places	Chemistry Master's and Mathematics Master's: no restrictions. Biochemistry Master's: 10 places. Places will be allocated by lot.							
o7-MS3-112-m01	<b>Current Methods in Plant Biology (Lecture)</b>							
	ECTS	10	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (no information on SWS (weekly contact hours) and course language available)						
Method of assessment	Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: 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)							
o8-PTF3-122-m01	<b>Current research topics in pharmaceutical sciences</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	talk with discussion (approx. 30 minutes) Language of assessment: German or English						
Additional Information	Additional information on module duration: 1 to 2 semesters.							

o8-PTF2-122-m01	<b>Drug Product Development, Quality assurance and industrialization</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) 1 to 3 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: approx. 60 or 90 minutes each; 3 written examinations: approx. 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes) Language of assessment: German or English						
<b>Subfield Additional Qualifications (max. 5 ECTS credits)</b>								
o8-WRM1-102-m01	<b>Tutoring 1 (practical course)</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	Ü (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	preparation of materials for demonstrations and exercises Language of assessment: German or English						
o8-FPM1-122-m01	<b>Pharmacy-related courses outside of the Natural Sciences</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	V (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) 1 to 3 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: approx. 60 or 90 minutes each; 3 written examinations: approx. 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes) or d) successful completion as certified by lecturer Language of assessment: German or English						
	other prerequisites	Please consult with course advisory service.						
o8-FPM2-122-m01	<b>Pharmacy-related courses within the Natural Sciences</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	V (no information on SWS (weekly contact hours) and course language available)						
	Method of assessment	a) 1 to 3 written examinations (1 written examination: approx. 90 minutes; 2 written examinations: approx. 60 or 90 minutes each; 3 written examinations: approx. 60 minutes each) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, approx. 30 minutes) or d) successful completion as certified by lecturer Language of assessment: German or English						
	other prerequisites	Please consult with course advisory service.						
<b>Thesis (30 ECTS credits)</b>								
o8-MA-FP-122-m01	<b>Masterthesis FOKUS Pharmazie</b>							
	ECTS	30	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	no courses assigned						
	Method of assessment	written thesis Language of assessment: German or English						
	Modules successfully completed	o8-MCM1 or o8-PTF1 or o7-MS3PBF1 or o8-BC-VPSB or o8-BC-VPMM (module components *-1 only)						
Additional Information	Additional information on module duration: 6 months.							