

## Annex SFB

### Studienfachbeschreibung (subject description, SFB) for the subject Applied Physical Geography as a Master's with 1 major with the degree "Master of Science" (120 ECTS credits)

Responsible: Faculty of Arts, Historical, Philological, Cultural and Geographical Studies  
Responsible: Institute of Geography and Geology

Examination regulations version: 2015  
Examination regulations version: 2015

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)):

**13-Jul-2015 (2015-19)**

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 (35 ECTS credits)								
Methology (10 ECTS credits)								
o4-Geo-MSTAT-152-mo1	Computer-based statistical data analysis							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		Ü (2) Module taught in: German and/or English					
	Method of assessment		a) exercises (approx. 15 pages) or b) oral examination of one candidate each or oral examination in groups (each approx. 15 minutes per candidate) Language of assessment: German and/or English					
o4-Geo-MMT-152-mo1	Geoinformatics / GIS / Data bank management							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		Ü (2) Module taught in: German and/or English					
	Method of assessment		a) exercises (approx. 15 pages) or b) oral examination of one candidate each (approx. 15 minutes) Language of assessment: German and/or English					
Project Practical Course (15 ECTS credits)								
o4-Geo-MPP-152-mo1	Applied Project: Change and protection of geosystems							
	ECTS	15	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		R (8) Module taught in: German and/or English					
	Method of assessment		term paper (approx. 30 pages) Language of assessment: German and/or English					
Work Placement (10 ECTS credits)								
o4-Geo-MB-PR-152-mo1	Work placement / Professional practical training for Students of Applied Physical Geography							
	ECTS	10	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses		P (o) Module taught in: German and/or English					
	Method of assessment		report on practical course (approx. 20 pages) Language of assessment: German and/or English					
	Additional Information		Additional information on module duration: approx. 8 weeks.					

Compulsory Electives (55 ECTS credits)								
Courses Specialisation in the Scientific Discipline (40-50 ECTS credits)								
o4-Geo-MPG4-152-m01	Special Issues of Advanced Physical Geography 1							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	presentation (approx. 30 minutes) and term paper (approx. 30 pages) Assessment offered: Once a year, winter semester Language of assessment: German and/or English						
	Participants and allocation of places	25 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-MPG5-152-m01	Special Issues of Advanced Physical Geography 2							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	presentation (approx. 30 minutes) and term paper (approx. 30 pages) Assessment offered: Once a year, summer semester Language of assessment: German and/or English						
	Participants and allocation of places	25 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-MAT1-152-m01	Climate change, implications and protection							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German and/or English						
	Method of assessment	written examination (approx. 60 minutes) Assessment offered: Once a year, winter semester Language of assessment: German and/or English						
o4-Geo-MAT2-152-m01	Synoptic meteorology and weather forecasting							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	oral examination of one candidate each or oral examination in groups (approx. 15 minutes per candidate each) Assessment offered: Once a year, summer semester Language of assessment: German and/or English						
	Participants and allocation of places	15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						

o4-Geo-MBG1-152-m01	Soil and Landscape change							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	V (2) Module taught in: German and/or English						
	Method of assessment	written examination (approx. 45 minutes) Assessment offered: Once a year, winter semester Language of assessment: German and/or English						
	Participants and allo- cation of places	40 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-MBG2-152-m01	Soil geography: Lab-analytical and microscopical training course							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	talk (approx. 30 minutes) and term paper (approx. 10 pages) Assessment offered: Once a year, summer semester Language of assessment: German and/or English						
	Participants and allo- cation of places	15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-RE-LA1-152-m01	Remote sensing of land surface parameters							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	a) term paper (approx. 20 pages) or b) preparing a poster (approx. 10 hours) Assessment offered: Once a year, winter semester Language of assessment: German and/or English						
	Participants and allo- cation of places	15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-RE-LA2-152-m01	Dynamics of the land surfaces							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	a) term paper (approx. 20 pages) or b) preparing a poster (approx. 10 hours) Assessment offered: Once a year, summer semester Language of assessment: German and/or English						
	Participants and allo- cation of places	15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						

o4-Geo-MLG1-152-m01	<b>Geology of mineral deposits</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V (2) Module taught in: German and/or English					
	Method of assessment		a) written examination (30 minutes) or b) oral examination of one candidate each (approx. 30 minutes) Assessment offered: Once a year, winter semester Language of assessment: German and/or English					
	Participants and allo- cation of places		25 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.					
o4-Geo-MLG2-152-m01	<b>Mineral exploration methods</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V (1) + Ü (1) Module taught in: German and/or English					
	Method of assessment		a) term paper (10 to 15 pages) or b) oral examination of one candidate each or oral examination in groups (approx. 30 minutes per candidate each) Assessment offered: Once a year, summer semester Language of assessment: German and/or English					
	Participants and allo- cation of places		25 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.					
<b>Courses Specialisation in the Scientific Discipline, Methods, Companion Subject (5-10 ECTS credits)</b>								
o4-Geo-Pl-anR-152-m01	<b>Planning Law</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V (2) Module taught in: German and/or English					
	Method of assessment		written examination (approx. 45 minutes) Language of assessment: German and/or English					
o4-Geo-RUm-wP-152-m01	<b>Regional and environmental planning</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		V (2) Module taught in: German and/or English					
	Method of assessment		written examination (approx. 45 minutes) Language of assessment: German and/or English					

o4-Geo-FwV- PGM1-152-mo1	<b>Subject disciplinary development for Students of Applied Physical Geography 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 45 minutes) or b) presentation (approx. 30 minutes) and term paper (approx. 20 pages) Language of assessment: German and/or English						
	Participants and allo- cation of places	20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-FwV- PGM2-152-mo1	<b>Subject disciplinary development for Students of Applied Physical Geography 2</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	undergraduate
	Courses	S (2) Module taught in: German and/or English						
	Method of assessment	a) written examination (approx. 45 minutes) or b) presentation (approx. 30 minutes) and term paper (approx. 20 pages) Language of assessment: German and/or English						
	Participants and allo- cation of places	20 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-MethV- PGM1-152-mo1	<b>Methods in Physical Geography - Practice and consolidating 1</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	a) presentation (approx. 15 minutes) and term paper (approx. 15 pages) or b) exercises (approx. 30 hours) Language of assessment: German and/or English						
	Participants and allo- cation of places	15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						
o4-Geo-MethV- PGM2-152-mo1	<b>Methods in Physical Geography - Practice and consolidating 2</b>							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses	Ü (2) Module taught in: German and/or English						
	Method of assessment	a) presentation (approx. 30 minutes) and term paper (approx. 15 pages) or b) exercises (approx. 30 hours) Language of assessment: German and/or English						
	Participants and allo- cation of places	15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.						

o4-Geo-GPPGM-152-mo1	Field Course for Students of Applied Physical Geography							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		P (4) Module taught in: German and/or English					
	Method of assessment		term paper (approx. 15 pages) and talk (approx. 15 minutes) Language of assessment: German and/or English					
	Participants and allo- cation of places		15 places. Should the number of applications exceed the number of available places, places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.					
o4-Geo-BGV-PGM1-152-mo1	Subsidiary subject-specific development for Students of Applied Physical Geography 1							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2) Module taught in: German and/or English					
	Method of assessment		written examination (approx. 60 minutes) Language of assessment: German and/or English					
o4-Geo-BGV-PGM2-152-mo1	Subsidiary subject-specific development for Students of Applied Physical Geography 2							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2) Module taught in: German and/or English					
	Method of assessment		written examination (approx. 60 minutes) Language of assessment: German and/or English					
o4-Geo-BGV-PGM3-152-mo1	Subsidiary subject-specific development for Students of Applied Physical Geography 3							
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		S (2) Module taught in: German and/or English					
	Method of assessment		written examination (approx. 60 minutes) Language of assessment: German and/or English					
Thesis (30 ECTS credits)								
o4-Geo-MAAK1-152-mo1	Master Thesis by Students of Geography							
	ECTS	28	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		No courses assigned to module					
	Method of assessment		Master's thesis (approx. 100 pages) Language of assessment: German and/or English					
	Additional Information		Time to complete: 6 months.					



o4-Geo- MAAK2-152-m01	<b>Final Colloquium of Master Thesis by Students of Geography</b>							
	ECTS	2	Duration	1 semester	Method of grading	numerical grade	Modul level	graduate
	Courses		K (o) Module taught in: German and/or English					
	Method of assessment		talk (approx. 30 minutes) with subsequent discussion (approx. 15 minutes) Language of assessment: German and/or English					