

## 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: 2016  
Examination regulations version: 2016

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)):

**04-Apr-2016 (2016-57)**

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)				

<b>Compulsory Courses (35 ECTS credits)</b>							
<b>Methology (10 ECTS credits)</b>							
04-Geo-MSTAT-152-m01	<b>Computer-based statistical data analysis</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) 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					
04-Geo-MMT-152-m01	<b>Geoinformatics / GIS / Data bank management</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) exercises (approx. 15 pages) or b) oral examination of one candidate each (approx. 15 minutes) Language of assessment: German and/or English					
<b>Project Practical Course and Field Trip (20 ECTS credits)</b>							
04-Geo-MPP-152-m01	<b>Applied Project: Change and protection of geosystems</b>						
	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					
04-Geo-APG-EX-162-m01	<b>Field trip</b>						
	ECTS	5	Duration	1 semester	Method of grading	numerical grade	Modul level   graduate
	Courses	E (0) Module taught in: German and/or English					
	Method of assessment	a) field trip log (approx. 15 pages) or b) presentation (approx. 30 minutes) with handout (approx. 3 pages) Language of assessment: German and/or English					

Work Placement (5 ECTS credits)								
04-Geo-MB-PR-162-mo1	<b>Work placement / Professional practical training for Students of Applied Physical Geography</b>							
	ECTS	5	Duration	1 semester	Method of grading	(not) successfully completed	Modul level	graduate
	Courses	P (0) Module taught in: German and/or English						
	Method of assessment	report on work placement (approx. 20 pages) Language of assessment: German and/or English						
	Additional Information	Additional information on module duration: approx. 8 weeks. Students must submit a letter issued by the institution at which they completed their placement. This letter must confirm the start and end dates as well as the contents of the placement.						
Compulsory Electives (55 ECTS credits)								
Courses Specialisation in the Scientific Discipline (40 ECTS credits)								
04-Geo-MPG4-152-mo1	<b>Special Issues of Advanced Physical Geography 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	presentation (approx. 30 minutes) and term paper (approx. 30 pages) Language of assessment: German and/or English Assessment offered: Once a year, winter semester						
	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.						
04-Geo-MPG5-152-mo1	<b>Special Issues of Advanced Physical Geography 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	presentation (approx. 30 minutes) and term paper (approx. 30 pages) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
	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.						
04-Geo-MAT1-152-mo1	<b>Climate change, implications and protection</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. 60 minutes) Language of assessment: German and/or English Assessment offered: Once a year, winter semester						

04-Geo-MAT2-152-m01	<b>Synoptic meteorology and weather forecasting</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	oral examination of one candidate each or oral examination in groups (approx. 15 minutes per candidate each) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
	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.						
04-Geo-MBG1-152-m01	<b>Soil and Landscape change</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 Assessment offered: Once a year, winter semester						
	Participants and allocation 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.						
04-Geo-MBG2-152-m01	<b>Soil geography: Lab-analytical and microscopical training course</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	talk (approx. 30 minutes) and term paper (approx. 10 pages) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
	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.						

04-Geo-RE-LA1-152-mo1	<b>Remote sensing of land surface parameters</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) term paper (approx. 20 pages) or b) preparing a poster (approx. 10 hours) Language of assessment: German and/or English Assessment offered: Once a year, winter semester						
	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.						
04-Geo-RE-LA2-152-mo1	<b>Dynamics of the land surfaces</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) term paper (approx. 20 pages) or b) preparing a poster (approx. 10 hours) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
	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.						
04-Geo-MLG1-152-mo1	<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) Language of assessment: German and/or English Assessment offered: Once a year, winter semester						
	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-MLG2-152-mo1	<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) Language of assessment: German and/or English Assessment offered: Once a year, summer semester						
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.							
<b>Courses Specialisation in the Scientific Discipline, Methods, Companion Subject (5 ECTS credits)</b>								
o4-Geo-Pl-anR-152-mo1	<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-mo1	<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 allocation 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.							

04-Geo-FwV- PGM2-152-m01	<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 allocation 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.						
04-Geo-MethV- PGM1-152-m01	<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 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.						
04-Geo-MethV- PGM2-152-m01	<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 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.						
04-Geo- GPPGM-152-m01	<b>Field Course for Students of Applied Physical Geography</b>							
	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 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.						



04-Geo-BGV- PGM1-152-m01	<b>Subsidiary subject-specific 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	written examination (approx. 60 minutes) Language of assessment: German and/or English						
04-Geo-BGV- PGM2-152-m01	<b>Subsidiary subject-specific development for Students of Applied Physical Geography 2</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	written examination (approx. 60 minutes) Language of assessment: German and/or English						
04-Geo-BGV- PGM3-152-m01	<b>Subsidiary subject-specific development for Students of Applied Physical Geography 3</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	written examination (approx. 60 minutes) Language of assessment: German and/or English						
<b>Thesis (30 ECTS credits)</b>								
04-Geo- MAAK1-152-m01	<b>Master Thesis by Students of Geography</b>							
	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.						
04-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 (0) 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						