

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:

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|--------------|---------------------------------------|--|--|----------------|-------------------|--|--------------|
| 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) | | | | | | | |
| 04-Geo-MSTAT-152-m01 | 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 | | | | | |
| 04-Geo-MMT-152-m01 | 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 and Field Trip (20 ECTS credits) | | | | | | | |
| 04-Geo-MPP-152-m01 | 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 | | | | | |
| 04-Geo-APG-EX-162-m01 | Field trip | | | | | | |
| | 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-m01 | Work placement / Professional practical training for Students of Applied Physical Geography | | | | | | |
| | ECTS | 5 | Duration | | Method of grading | (not) successfully completed | Modul level graduate |
| | Courses | P (0) 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 | 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) | | | | | | | |
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| Courses Specialisation in the Scientific Discipline (40-50 ECTS credits) | | | | | | | |
| 04-Geo-MPG4-152-mo1 | 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. | | | | | | |
| 04-Geo-MPG5-152-mo1 | 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. | | | | | | |
| 04-Geo-MAT1-152-mo1 | 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 | | | | | |
| 04-Geo-MAT2-152-mo1 | 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. | | | | | | |

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| 04-Geo-MBG1-152-mo1 | 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 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-mo1 | 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 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 | 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 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 | 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 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. | | | | | | |

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| 04-Geo-MLG1-152-m01 | Geology of mineral deposits | | | | | | | |
| | 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 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-MLG2-152-m01 | Mineral exploration methods | | | | | | | |
| | 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 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. | | | | | | | |
| Courses Specialisation in the Scientific Discipline, Methods, Companion Subject (5-15 ECTS credits) | | | | | | | | |
| 04-Geo-Pl-anR-152-m01 | Planning Law | | | | | | | |
| | 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 | | | | | | | |
| 04-Geo-RUm-wP-152-m01 | Regional and environmental planning | | | | | | | |
| | 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 | | | | | | | |

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| o4-Geo-FwV- PGM1-152-mo1 | Subject disciplinary 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 | 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. | | | | | | |
| o4-Geo-FwV- PGM2-152-mo1 | Subject disciplinary development for Students of Applied Physical Geography 2 | | | | | | | |
| | 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. | | | | | | |
| o4-Geo-MethV- PGM1-152-mo1 | Methods in Physical Geography - Practice and consolidating 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 | 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. | | | | | | |
| o4-Geo-MethV- PGM2-152-mo1 | Methods in Physical Geography - Practice and consolidating 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 | 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. | | | | | | |

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| 04-Geo-GPPGM-152-m01 | 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 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 | 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 | | | | | | |
| 04-Geo-BGV-PGM2-152-m01 | 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 | | | | | | |
| 04-Geo-BGV-PGM3-152-m01 | 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) | | | | | | | | |
| 04-Geo-MAAK1-152-m01 | Master Thesis by Students of Geography | | | | | | | |
| | ECTS | 28 | Duration | | 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 | | | | | | |
| 04-Geo-MAAK2-152-m01 | Final Colloquium of Master Thesis by Students of Geography | | | | | | | |
| | 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 | | | | | | |
| Master's with 1 major Applied Physical Geography (2016) | | | | | JMU Würzburg • generated 20-Sep-2022 • exam. reg. data record 88[f37]- - H 2016 | | | page 8 / 8 |