

Annex SFB

Studienfachbeschreibung (subject description, SFB) for the subject as a Master's with 1 major with the Degree (120 ECTS credits)

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

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)):

12-Aug-2015 (2016-79)

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 (55 ECTS credits) | | | | | | | |
|--|---|--|----------|------------|-------------------|-----------------|-----------------------|
| Theoretical Basics (10 ECTS credits) | | | | | | | |
| 04-GEO-TB1-162-m01 | Introduction to Remote Sensing and Geoanalysis | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level unknown |
| | Courses | V (2) Module taught in: English | | | | | |
| | Method of assessment | Written examination (approx. 45 minutes) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | |
| 04-GEO-TB2-162-m01 | Applications of Earth Observation | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level unknown |
| | Courses | V (2) Module taught in: English | | | | | |
| | Method of assessment | Written examination (approx. 45 minutes) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | |
| Methodological Basics (15 ECTS credits) | | | | | | | |
| 04-GEO-MB1-162-m01 | Digital Image Analysis and GIS | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level unknown |
| | Courses | Ü (2) Module taught in: English | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | |
| 04-GEO-MB2-162-m01 | Introduction to Programming and Geostatistics | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level unknown |
| | Courses | Ü (2) Module taught in: English | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | |

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| 04-GEO-MB3-162-m01 | From Field Measurements to Geoinformation | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | Ü (2) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | | |
| Internship (15 ECTS credits) | | | | | | | | |
| 04-GEO-INT-162-m01 | Internship | | | | | | | |
| | ECTS | 15 | Duration | | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | P (0) Module taught in: English or German | | | | | | |
| | Method of assessment | Report in the form of a presentation (approx. 15 minutes) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |
| Step towards Master Thesis (15 ECTS credits) | | | | | | | | |
| 04-GEO-TMT1-162-m01 | Innovation Laboratory | | | | | | | |
| | ECTS | 10 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | P (3) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |
| 04-GEO-TMT2-162-m01 | Project Seminar | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | S (1) Module taught in: English | | | | | | |
| | Method of assessment | Presentation (approx. 30 minutes) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |

| Compulsory Electives (35 ECTS credits) | | | | | | | | |
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| Applications of Earth Observation (10-15 ECTS credits) | | | | | | | | |
| 04-GEO-APP1-162-m01 | Land Surface Dynamics | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | S (2) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (15 pages) Assessment offered: Once a year, summer semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |
| 04-GEO-APP2-162-m01 | Land and Water Management | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | S (1) + Ü (1) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Assessment offered: Once a year, summer semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | | |
| 04-GEO-APP3-162-m01 | Exploration of Mineral Deposits | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | S (1) + Ü (1) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Assessment offered: Once a year, summer semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | | |
| 04-GEO-APP4-162-m01 | Selected Applications | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | S (1) + Ü (1) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Assessment offered: Once a year, summer semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | | |

| Advanced Methods and Modeling (5-10 ECTS credits) | | | | | | | | |
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| 04-GEO-MET1-162-mo1 | Spatial Modeling and Prediction | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | S (1) + Ü (1) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Assessment offered: Once a year, summer semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | | |
| 04-GEO-MET2-162-mo1 | Advanced Spatial Analysis for Geoscientists | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | S (1) + Ü (1) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Assessment offered: Once a year, summer semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | | |
| 04-GEO-MET3-162-mo1 | Special Methodological Issues | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | S (1) + Ü (1) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) Assessment offered: Once a year, summer semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) creditable for bonus | | | | | | |
| Resources and Environment (5-10 ECTS credits) | | | | | | | | |
| 04-GEO-RE1-162-mo1 | Selected Topics in Geography I | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | V (2) Module taught in: English | | | | | | |
| | Method of assessment | Written examination (approx. 45 minutes) Assessment offered: Once a year, winter semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |

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| 04-GEO-RE2-162-m01 | Selected Topics in Geography II | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | V (2) Module taught in: English | | | | | | |
| | Method of assessment | Written examination (approx. 45 minutes) Assessment offered: Once a year, winter semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |
| 04-GEO-RE3-162-m01 | Mineral Resources in Space and Time | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | numerical grade | Modul level | unknown |
| | Courses | V (2) Module taught in: English | | | | | | |
| | Method of assessment | Written examination (approx. 45 minutes) Assessment offered: Once a year, winter semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |
| Soft Skills (5 ECTS credits) | | | | | | | | |
| 04-GEO-SOS1-162-m01 | Advanced applied Project management / Scientific presentation / Scientific Writing | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | S (2) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) or d) log (2 to 3 pages) Assessment offered: Once a year, winter semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |
| 04-GEO-SOS2-162-m01 | Advanced skills on the Master's level | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | S (2) Module taught in: English | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) or d) log (2 to 3 pages) Assessment offered: Once a year, winter semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |

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| 04-GEO-SOS3-162-m01 | Advanced Instructions on Scientific Working | | | | | | | |
| | ECTS | 5 | Duration | 1 semester | Method of grading | (not) successfully completed | Modul level | unknown |
| | Courses | S (2) Module taught in: English or German | | | | | | |
| | Method of assessment | a) presentation (approx. 30 minutes) or b) preparing a poster (approx. 10 hours total) or c) term paper (approx. 15 pages) or d) log (2 to 3 pages) Assessment offered: Once a year, winter semester Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |
| Thesis (30 ECTS credits) | | | | | | | | |
| 04-GEO-MA1-162-m01 | Master-Thesis EAGLE | | | | | | | |
| | ECTS | 28 | Duration | | Method of grading | numerical grade | Modul level | unknown |
| | Courses | No courses assigned to module | | | | | | |
| | Method of assessment | Master's thesis (approx. 60 pages) Language of assessment: English | | | | | | |
| 04-GEO-MA2-162-m01 | Final Colloquium on Master Thesis | | | | | | | |
| | ECTS | 2 | Duration | | Method of grading | numerical grade | Modul level | unknown |
| | Courses | K (o) Module taught in: English | | | | | | |
| | Method of assessment | Talk (approx. 30 minutes) with subsequent discussion (approx. 15 minutes) Language of assessment: English or German (assessment will be held in English; in addition, the examiner may, where possible, decide to hold assessment in German) | | | | | | |