Subdivided Module Catalogue
for the Subject

Geography
as Unterrichtsfach
with the degree "Erste Staatsprüfung für das Lehramt an Mittelschulen"

Examination regulations version: 2020 (Prüfungsordnungsversion 2015)
Responsible: Faculty of Arts, Historical, Philological, Cultural and Geographical Studies
Responsible: Institute of Geography and Geology
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

Unless otherwise stated, courses and assessments will be held in German, assessments will be offered every semester and modules are not creditable for bonus.

Notes

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 the 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:

LASPO2015

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

8-Sep-2015 (2015-123)

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.
The subject is divided into

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<th>ECTS credits</th>
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<tr>
<td>Scientific Discipline (54 ECTS credits)</td>
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<td>Compulsory Courses (54 ECTS credits)</td>
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<tr>
<td>General Physical Geography (10 ECTS credits)</td>
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<tr>
<td>04-Geo-PG1EX-152-m01</td>
<td>General Physical Geography: Exogenic Dynamics - Geomorphology</td>
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<tr>
<td>04-Geo-PG1KL-152-m01</td>
<td>General Physical Geography: Climate System</td>
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<tr>
<td>General Human Geography (15 ECTS credits)</td>
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<td>General Human Geography Introduction to the Geography of Cities, Towns and Villages</td>
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<td>04-Geo-HG1W-152-m01</td>
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<td>04-Geo-HG1B-152-m01</td>
<td>General Human Geography: Introduction to Social and Population Geography</td>
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<td>04-Geo-RG-V1-152-m01</td>
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<td>04-Geo-RG-V2-152-m01</td>
<td>Regional Geography - Lecture course 2</td>
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<tr>
<td>04-Geo-KI-Ex-152-m01</td>
<td>Short Excursions</td>
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<td>Excursion (&gt; 8 days) (6 ECTS credits)</td>
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<td>04-Geo-RGEX-LA-152-m01</td>
<td>Regional Geography Excursion (&gt; 8 days)</td>
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<tr>
<td>04-Geo-BM-Did-152-m01</td>
<td>Level one Module Didactics</td>
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<tr>
<td>04-Geo-AM-Did-152-m01</td>
<td>Level two Module Didactics</td>
<td>7</td>
<td>NUM</td>
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</table>

Freier Bereich (general as well as subject-specific electives)
Teaching degree students must take modules worth a total of 15 ECTS credits in the area Freier Bereich (general as well as subject-specific electives) (Section 9 LASPO (general academic and examination regulations for teaching-degree programmes)). To achieve the required number of ECTS credits, students may take any modules from the areas below.

Freier Bereich (general as well as subject-specific electives) -- open for all teaching degree students irrespective of their subject combinations: For additional courses that are open to all teaching degree students irrespective of their subject combinations (fächerschließendes Zusatzangebot), please refer to the respective Annex of the "Ergänzende Bestimmungen für den Freien Bereich im Rahmen des Studiums für ein Lehramt" (Supplementary Provisions on the Area Freier Bereich in Teaching-Degree Programmes).

Freier Bereich (general as well as subject-specific electives) -- Faculty of Arts, Historical, Philological, Cultural and Geographical Studies: For additional courses offered by the Faculty of Arts, Historical, Philological, Cultural and Geographical Studies for teaching degree students (fakultätsweites Zusatzangebot), please refer to the Annex of the "Ergänzende Bestimmungen der Philosophischen Fakultät (Fakultät für Historische, Philologische, Kultur- und Geographische Wissenschaften) für den Freien Bereich im Rahmen des Studiums für ein Lehramt" (Supplementary Provisions by the Faculty of Arts, Historical, Philological, Cultural and Geographical Studies on the Area Freier Bereich in Teaching-Degree Programmes).

Thesis (10 ECTS credits)
Preparation of a written Hausarbeit (thesis) in accordance with the provisions of Section 29 LPO I (examination regulations for teaching-degree programmes) is a prerequisite for teaching degree students to be admitted to the Erste Staatsprüfung (First State Examination). In accordance with the provisions of Section 29 LPO I, students studying for a teaching degree Mittelschule may write this thesis in the subject Didaktik einer Fächergruppe der Mittelschule (Didactics of a Group of Subjects of Mittelschule), in the subject they selected as Unterrichtsfach (subject studied with a focus on the scientific discipline) or in the subject Erziehungswissenschaften (Educational Science). Pursuant to Section 29 Subsection 1 Sentence 2 LPO I, students may also choose to write an interdisciplinary thesis.

**Thesis (4 ECTS credits)**

Students studying for a teaching degree Mittelschule must complete a practical training in didactics and teaching methodology (studienbegleitendes fachdidaktisches Praktikum) which refers to one of the subjects they selected as vertieft studiertes Fach (subject studied with a focus on the scientific discipline) pursuant to Section 34 Subsection 1 No. 4 LPO I (examination regulations for teaching-degree programmes). The obligatory accompanying tutorial is offered by the respective subject. The ECTS credits obtained are counted in the subject Erziehungswissenschaften pursuant to Section 10 Subsection 3 LASPO (general academic and examination regulations for teaching-degree programs).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<th>Type</th>
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<tr>
<td>04-GeoMS-UF-HA-152-m01</td>
<td>Thesis Geography LM</td>
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<tr>
<td>04-GeoMS-SfP-Did-152-m01</td>
<td>Practical Training in Didactics and Teaching Methodology - Mittelschule</td>
<td>4</td>
<td>NUM</td>
</tr>
<tr>
<td>Module title</td>
<td>Abbreviation</td>
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<tr>
<td>General Physical Geography: Exogenic Dynamics - Geomorphology</td>
<td>04-Geo-PG1Ex-152-m01</td>
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<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
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</thead>
<tbody>
<tr>
<td>holder of the Professorship of Physical Geography</td>
<td>Institute of Geography and Geology</td>
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<th>ECTS</th>
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<th>Only after succ. compl. of module(s)</th>
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<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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<tr>
<td>1 semester</td>
<td>undergraduate</td>
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</tbody>
</table>

**Contents**

Erosion and accumulation processes and accumulation results: gravitative, fluvial, glacial and periglacial, Aeolian, marin, littoral, solution; monoprocessual large forms, e.g. endogenous/tectonic forms like volcanoes, break clod, fold mountains or Aeolian “Draas” (huge dunes), deflation (enclosed) basins; - polyprocessual large forms, e.g. glacial series, shape of coastlines, escarpments

**Intended learning outcomes**

Students dispose over the following knowledge: basics of the system earth, i.e. the understanding of processes that are dominating the landscape on the Earth’s surface and which are driven by the geological factors rocks, relief, climate, soil, water, flora and fauna. These are decisive for understanding the structure, function and dynamics of the natural environment and its anthropogenic transformation (the environment that has been shaped from humans by land utilisation, settlements, transport routes etc.).

**Courses**
(type, number of weekly contact hours, language — if other than German)

V (3) + T (1)
Module taught in: German and/or English

**Method of assessment**
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

written examination (approx. 45 minutes)
Language of assessment: German and/or English
creditable for bonus

**Allocation of places**

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**Additional information**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

§ 47 I Nr. 1
§ 66 I Nr. 1
Module title | Abbreviation
---|---
General Physical Geography: Climate System | 04-Geo-PG1KL-152-m01

| Module coordinator | Module offered by |
---|---
holder of the Professorship of Climatology | Institute of Geography and Geology |

| ECTS | Method of grading | Only after succ. compl. of module(s) |
---|---|---
5 | numerical grade | -- |

| Duration | Module level | Other prerequisites |
---|---|---
1 semester | undergraduate | -- |

Contents
The following basics of the Earth’s climate system will be presented: terrestrial and celestial mechanical basics; radiation and energy; vertical and horizontal flow dynamics; data sources, characteristics and variability of the Earth’s climate system.

Intended learning outcomes
The students will gain a basic physical understanding of the Earth’s climate system.

Courses (type, number of weekly contact hours, language — if other than German)
V (3)
Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)
written examination (approx. 45 minutes)
Language of assessment: German and/or English

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 47 I Nr. 1
§ 66 I Nr. 1
**General Human Geography Introduction to the Geography of Cities, Towns and Villages**

<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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</thead>
<tbody>
<tr>
<td>General Human Geography Introduction to the Geography of Cities, Towns and Villages</td>
<td>04-Geo-HG1S-152-m01</td>
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<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
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<tbody>
<tr>
<td>holder of the Professorship of Geography and Regional Science</td>
<td>Institute of Geography and Geology</td>
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<thead>
<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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</thead>
<tbody>
<tr>
<td>1 semester</td>
<td>undergraduate</td>
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</table>

**Contents**

Introduction to "Settlement Geography", students will deal with the following topic areas: - geographical urbanism, - Geography of rural settlements, - urban system research, - urbanisation, - regional urban types, - theories of urban development, - city models

**Intended learning outcomes**

Students dispose over basic knowledge of Urban Geography as well as Geography of Rural Settlements.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (3)
Module taught in: German and/or English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

written examination (approx. 45 minutes)
Language of assessment: German and/or English

**Allocation of places**

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**Additional information**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

§ 47 I Nr. 1
§ 66 I Nr. 1
Module title: General Human Geography: Introduction to Economic Geography

Abbreviation: 04-Geo-HG1W-152-m01

Module coordinator: holder of the Professorship of Economic Geography

Module offered by: Institute of Geography and Geology

ECTS: 5
Method of grading: numerical grade

Duration: 1 semester
Module level: undergraduate
Other prerequisites: --

Contents:
Introduction to basic concepts as well as fundamental contents and methods of "Economic Geography". Topics of theoretical "Economic Geography" like the choice of location and system, structure and dynamics of the economic sector, the geographical influence of groups of players and geographical imbalance will be covered. The examination of theories will be made with the help of typical examples and empirical knowledge.

Intended learning outcomes:
Students dispose over knowledge skills of Economic Geography concerning terms, contents and methods.

Courses:

V (3)
Module taught in: German and/or English

Method of assessment:
written examination (approx. 45 minutes)
Language of assessment: German and/or English

Allocation of places:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes):
§ 47 I Nr. 1
§ 66 I Nr. 1
<table>
<thead>
<tr>
<th>Module title</th>
<th>Abbreviation</th>
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<tbody>
<tr>
<td>General Human Geography: Introduction to Social and Population Geography</td>
<td>04-Geo-HG1B-152-m01</td>
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<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
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<tbody>
<tr>
<td>holder of the Professorship of Social Geography</td>
<td>Institute of Geography and Geology</td>
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<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
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<th>Other prerequisites</th>
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<tr>
<td>1 semester</td>
<td>undergraduate</td>
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**Contents**

Introduction to basic concepts as well as fundamental contents and methods of social and "Population Geography". In particular, topics of geographical "Population Geography" and structure, population movement, geographical society research, Vienna-Munich School of Social Geography, social spatial analysis as well as perception, behaviour and action-theoretical approaches will be covered.

**Intended learning outcomes**

Students acquire a basic understanding of population and socio-geographical issues. They dispose over skills of central population and socio-geographical terms, scientific approaches and theories as well as of acquired possibilities and their implementation on issues of the Applied Population and Social Geography.

**Courses** (type, number of weekly contact hours, language — if other than German)

V (3)

Module taught in: German and/or English

**Method of assessment** (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

written examination (approx. 45 minutes)
Language of assessment: German and/or English

**Allocation of places**

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**Additional information**

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**Referred to in LPO I** (examination regulations for teaching-degree programmes)

§ 47 I Nr. 1
§ 66 I Nr. 1
### Module title
Regional Geography - Lecture course 1

### Abbreviation
04-Geo-RG-V1-152-m01

### Module coordinator
holder of the Professorship of Physical Geography

### Module offered by
Institute of Geography and Geology

### ECTS
5

### Method of grading
numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Issues of "General Geography" in terms of European subspaces. This can be individual states as well as distinctive European subspaces due to their lay (e.g. Northern Europe, Alpine countries).

### Intended learning outcomes
Students dispose over the following skills: Students will apply general-geographical skills to regional-related issues, particularly the partial steps: 1. Differentiation and characterisation of a region, 2. Emphasis on specific problems and spatial interactions as well as 3. Synthesis and demonstration of perspectives/problem solutions with thematic emphasis.

### Courses (type, number of weekly contact hours, language — if other than German)
V (2)
Module taught in: German and/or English

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)
a) written examination (approx. 45 minutes) or b) oral examination of one candidate each (approx. 15 minutes) or c) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate)
Language of assessment: German and/or English

### Allocation of places
--

### Additional information
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### Referred to in LPO I (examination regulations for teaching-degree programmes)
§ 47 I Nr. 2
§ 66 I Nr. 1
### Module title
Regional Geography - Lecture course 2

### Abbreviation
04-Geo-RG-V2-152-m01

### Module coordinator
holder of the Professorship of Physical Geography

### Module offered by
Institute of Geography and Geology

### ECTS
5

### Method of grading
numerical grade

### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
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### Contents
Issues of "General Geography" in terms of global subspaces. This can be individual continents as well as distinctive subspaces due to their lay like North America or the Arabian Peninsula.

### Intended learning outcomes
Students dispose over the following skills: Students will apply general-geographical skills to regional-related issues, particularly the partial steps: 1. Differentiation and characterisation of a region, 2. Emphasis on specific problems and spatial interactions as well as 3. Synthesis and demonstration of perspectives/problem solutions with thematic emphasis.

### Courses (type, number of weekly contact hours, language — if other than German)

<table>
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<th>V (2)</th>
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Module taught in: German and/or English

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- a) written examination (approx. 45 minutes) or b) oral examination of one candidate each (approx. 15 minutes) or
c) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate)

Language of assessment: German and/or English

### Allocation of places
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### Additional information
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### Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 47 I Nr. 2
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<td>Regional Geography - Seminar 1</td>
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<td>Institute of Geography and Geology</td>
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<table>
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<tr>
<th>Duration</th>
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<td>1 semester</td>
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</table>

### Contents

Issues of "General Geography" in terms of global subspaces. This can be individual states as well as distinctive European subspaces due to their lay (e.g. North America, Alpine countries) or individual continents or distinctive subspaces due to their lay like North America or the Arabian Peninsula.

### Intended learning outcomes

Students dispose over the following skills: Students will apply general-geographical skills to regional-related issues, particularly the partial steps: 1. Differentiation and characterisation of a region, 2. Emphasis on specific problems and spatial interactions as well as 3. Synthesis and demonstration of perspectives/problem solutions with thematic emphasis.

### Courses

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<th>Type</th>
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<th>Language — if other than German</th>
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**Module taught in:** German and/or English

### Method of assessment

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<th>Scope</th>
<th>Language — if other than German</th>
<th>Examination offered — if not every semester, information on whether module can be chosen to earn a bonus</th>
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<tr>
<td>presentation</td>
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<td>with related term paper</td>
<td>approx. 20 pages</td>
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Language of assessment: German and/or English

### Allocation of places

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### Additional information

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### Referred to in LPO I

(Examination regulations for teaching-degree programmes)

§ 47 I Nr. 2
### Module title
*Abbreviation*

**Short Excursions**
04-Geo-Kl-Ex-152-m01

### Module coordinator
**Module offered by**
Managing Director of the Institute of Geography
Institute of Geography and Geology

### ECTS
**Method of grading**
Only after succ. compl. of module(s)

- **ECTS**: 7
- **(not) successfully completed**: --

### Duration
**Module level**
undergraduate
**Other prerequisites**
--

### Contents
Introduction to geographical issues ("Physical Geography" or "Human Geography") within a field trip day in the Würzburg area and environs

### Intended learning outcomes
Students get an insight into regional facts, current structures and processes from a geographical point of view and are able to gather information in the field.

### Courses (type, number of weekly contact hours, language — if other than German)

- **E (5)**
  - Module taught in: German and/or English

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

- Log (approx. 5 pages) per day of field trip
  - Language of assessment: German and/or English

### Allocation of places
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### Additional information
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### Referred to in LPO I (examination regulations for teaching-degree programmes)

- § 47 I Nr. 3
- § 66 I Nr. 3
Module title | Abbreviation
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Regional Geography Excursion (> 8 days) | 04-Geo-RGExLA-152-m01

Module coordinator | Module offered by
Managing Director of the Institute of Geography | Institute of Geography and Geology

ECTS | Method of grading | Only after succ. compl. of module(s)
--- | --- | ---
6 | numerical grade | --

Duration | Module level | Other prerequisites
--- | --- | ---
1 semester | undergraduate | --

Contents

Field trip of "General and Regional Geography" in terms of European subspaces or subspaces outside of Europe. This can be individual states as well as distinctive subspaces to Europe or European subspaces due to their lay (e.g. Northern Europe, Alpine countries or North America) or due to common features of distinctive states/regions (e.g. European Union or Arabian Peninsula).

Intended learning outcomes

Students achieve the following skills: Application of general and physical or human geographical skills on regional-related issues, particularly partial steps: 1. Differentiation and characterisation of a region, 2. Elaboration of selected geographical problems and spatial interaction as well as 3. Synthesis and demonstration of perspectives/problem solutions with thematic emphasis. Students assess relevant topic areas and thus, develop a consolidated practical problem awareness directly on site. They work in teams under unusual/challenging conditions and thus, develop a higher social competence and they are able to interculturally communicate on a higher level.

Courses (type, number of weekly contact hours, language — if other than German)

E (4)

Module taught in: German and/or English

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

a) field trip log (approx. 15 pages) or b) presentation (approx. 30 minutes) with written elaboration (handout, approx. 3 pages)

Language of assessment: German and/or English

Allocation of places

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Additional information

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Referred to in LPO I (examination regulations for teaching-degree programmes)

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<thead>
<tr>
<th>Module title</th>
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<tr>
<td>Level one Module Didactics</td>
<td>04-Geo-BM-Did-152-m01</td>
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<td>Subject Representative (Fachvertreter) Geography Didactics</td>
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### Contents

Theory-related foundation, practice-related and target-oriented investigation of geoscientific contents for geography class.Disciplinary and educational contents and factors of the geography class. (Geography) Teaching basics of geography class in school, psychological and educational aspects of geography class. Geography class as target-oriented choice and structuring of geographical/geoscientific and disciplinary comprehensive contents and methods. Development and structure of geographical curricula of individual types of school taking account of the competence orientation in particular. Objectives and competences of geography class (including taxonomy and degree of abstraction concerning (learning) objectives, expectation of competency). Educational objectives and article of geography, learning conditions and framework conditions of geography class. Geography education as theory driven science of the address-related selection and scheme of contents, which are areal determinable and effective and their optimal imparting to the level of understanding of the recipient. General educational basics (educational models and principles) and geography classes, psychological basics, technical theories and contents concerning their relevance for geography class. Goal orientation as basis of the selection and educational contents concerning the structure of competences. Methods of geography class, media use in geography class.

Goal orientation as basis of the selection and educational contents concerning the structure of competences. Subject-specific diagnosing and evaluating. Educational and administrative concepts of lesson planning with the objective of skill transfer. Learning objective (dimensions, degree of abstraction) as determining factor of geography class. Objective-content-operationalisation; Educational reduction, key skills. Educational analysis, fact analysis, educational and methodological teaching principles, teaching methods (e.g. Learning circle), practice-oriented media use.

### Intended learning outcomes

Competence to excite pupils with the acquired knowledge of educational research issues, methods and findings as well as to take into consideration the knowledge of subject areas and the educational sciences of geographical-technical learning processes and to diagnose, evaluate and foster the technical learning progress. Competence to educational reflection in a theory-driven way. The students analyse and evaluate current specialist and educational knowledge in a theory-driven way and take into consideration the social and pedagogical objective. They are able to plan and conduct specialised teaching independently. They have the competence to plan, conduct and evaluate Geography class in such a way that it is based on theory, scientifically justified and aimed at pupils. Students are able to plan and structure a lesson target-orientated and to reflect the own teaching concept critically. Further, they have the competence to teach, diagnose and evaluate in a specialised way and to stimulate debates through practical exercises. Models and technical learning processes can be conceived by self-regulating learning.

### Courses

V (2) + T (1) + S (2)

Module taught in: German and/or English

### Method of assessment

(a) written examination (approx. 60 minutes) or (b) presentation (approx. 30 minutes) with written elaboration (approx. 10 pages) or (c) portfolio (approx. 30 pages, including 2 maps, 5 logs)

Language of assessment: German and/or English
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<td><strong>Referred to in LPO I</strong> (examination regulations for teaching-degree programmes)**</td>
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Module title: Level two Module Didactics  
Abbreviation: 04-Geo-AM-Did-152-m01

Module coordinator: Subject Representative (Fachvertreter) Geography Didactics  
Module offered by: Institute of Geography and Geology

ECTS: 7  
Method of grading: numerical grade  
Duration: 1 semester  
Module level: undergraduate

Other prerequisites: --

Contents:
In the area "Education of Regional Geography", the centre of a competence-oriented investigation is the analysis of a selected region (e.g. surroundings, US, developing countries) among a given issue with technical contents and methods (including maps, statistics, literature). Use of interdisciplinary issues (including economy, society, environment, culture). Critical contemplation of regional constructs and regional reality. In order to realise this, geographical work methods and tools will serve (among others maps and other data collections).

The field trip education is designed to provide students with a real encountering with the geographical reality as well as selected regions, to analyse them and to develop issues, which are relevant for the courses, and to investigate them as a construct for pupils. For this purpose, other aspects will be used interdisciplinary next to geographic/geoscientific contents (including history, judicature, sociology, architecture). Essential contents will be the classification of field trips, application of subject-specific work methods, information acquisition on site and from other sources, use of teaching methods in field trips as well as the educational place of the field trip. Moreover: organisational, specialised and educational measures of preparation, implementation and evaluation of a geographic/geoscientific field trip, investigation and reflection of museum educational principles. Analysis of scholarly potential for class under given issues, which for example will be derived from the curriculum, with the help of technical methods. Learning about a museum educational concept by an attendance as an occasional student or a project. The introduction to the understanding of cartography is an important range of subject during geography class (particularly in primary school) and provides students with basic competences regarding the regional orientation. Different approaches and methods, which will lead to the map and map insight will be investigated. Acquisition, analysis and evaluation of a given region (e.g. Lower Franconia) based on "Regional Geography of Germany and Bavaria".

Relating to society, the Education for Sustainable Development and Global Learning will merge the aspects environmental assessment and socioeconomic development. Moreover, developmental problems will be discussed, taking account of the physical-geographical as well as anthropogenic aspects against the background of intercultural competence.

Educational basics and work methods concerning physical-geographical and/or geological issues of all school types will be consolidated by investigating a themed teaching and learning laboratory and/or educational research. The implementation of a teaching and learning lab with school classes will make it possible for students to practically apply their theoretical knowledge and encourages students to reflect the teaching processes.

Intended learning outcomes:
Students analyse a space of different scaling (in the range from local to regional up to large-scale cultural spaces) under a given issue with the help of technical contents and methods and evaluate the result as well as regional issues for teaching. They further develop their ability to orientate themselves in real spaces as well as reflect the subjectivity of space perception.

The competence of a interdisciplinary approach of the space detection will be deepened. By the practical implementation of a field trip with a school class, students acquire the ability to prepare, conduct and evaluate a geographical/geoscientific field trip of the respective school type.

They are able to implement the acquisition and exploration of the spatial potential at extracurricular learning places.

Moreover, the students are able to use extracurricular learning sites with view on geographical-educational objective and discipline-specific method.

During short field trips at extracurricular learning sites, students reveal through technical working methods a space among teaching-relevant issues.
The students are acquainted with the antithesis of environmental preservation and socio-economic development and consider future-orientated solutions of sustainability and apply models on the sustainability of space development processes.

They develop the skill to analyse man-environment relationships in different types and sizes of spaces under the principle of sustainability. When conceiving different world views and points of view, they will also be able to change their perspective interculturally. They are able to ethically justified space behaviour competence.

They have the ability to plan geographical-technical learning processes for a specific type of school. Students are able to reflect in an educational and theory-driven way. Students have the ability to implement geographical-educational theories and geographical/geoscientific contents into specific teaching concepts. They also have the competence to use administrative guidelines (curriculum or educational plans) as a basis and to impart knowledge about spatial structures and processes. Students are able to organise a pupil and type of school-related, effective and adequate spatial competence (spatial behaviour concepts), which is oriented towards the principle of sustainability. Students are able to analyse and evaluate current technical and educational knowledge in a theory-driven way and by taking into account the social and pedagogical objectives.

They explore geographical as well as interdisciplinary historical and folkloric contents for pupils.

Next to maps, students are able to use different ways.

They are able to evaluate a geographical map themed.

They are able to use specialised contents for the lesson planning.

Students are able to conceptualise a lesson in such a way that it meets the requirements of the target group and school type as well as they are able to gain and evaluate geographical/geoscientific relevant information from media (maps, films, statistics etc.).

The students acquire the ability to work in a team, to be familiar with communication and discussion strategies, to be acquainted with intercultural competence, especially empathy and are willing to accept different values.

Courses (type, number of weekly contact hours, language — if other than German)

| S (4) + Ü (3) |
| Module taught in: German and/or English |

Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

a) written examination (approx. 30 minutes) or b) presentation (approx. 30 minutes) with written elaboration (approx. 30 pages) or c) portfolio (approx. 30 pages, including 2 maps, 5 logs)

Language of assessment: German and/or English

creditable for bonus

Allocation of places

Additional information

Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 47 I Nr. 4
### Module title

**Thesis Geography LM**

### Abbreviation

04-GeoMS-UF-HA-152-m01

### Module coordinator

Subject Representative (Fachvertreter) Geography Didactics

### Module offered by

Institute of Geography and Geology

### ECTS

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### Duration

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### Contents

Adhering to the principles of good scholarly practice, students will independently research and write on a topic of the sub-disciplines "Geography or Geography Education" they have agreed upon with an authorised examiner or two authorised examiners in accordance with the provisions of Section 29 LPO (examination regulations for teaching degree programmes).

### Intended learning outcomes

Students achieve the following competences:
- Ability to produce a scientific work independently (description and analysis of an issue, literature research, theory reference, interpretation of data, logical conclusions and solution approaches of a scientific issue)
- Ability to accomplish tasks in a given period of time
- Linguistic competence or ability to prepare and present the findings in a written and suitable way.

### Courses (type, number of weekly contact hours, language — if other than German)

No courses assigned to module

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

Hausarbeit (thesis) pursuant to Section 29 LPO I (examination regulations for teaching-degree programmes) (approx. 40 pages)

Language of assessment: German; exceptions pursuant to Section 29 Subsection 4 LPO I (examination regulations for teaching-degree programmes)

### Allocation of places

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### Additional information

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

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<td>Practical Training in Didactics and Teaching Methodology - Mittelschule</td>
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### Contents

During the subject-specific work placement, which fits the students studies, the main focus of the studies lies on the acquisition of activities of a teacher during the subject teaching; Thus, first experiences concerning the technical planning and analysis of courses and an own teaching approach should be made. The subject-didactic work placement, which fits the students studies and lasts one semester, is determined concerning form and substance by LPO I (§ 34, 4).

### Intended learning outcomes

Students are able to conduct the technical planning and analysis of a teaching lesson. They are able to reflect about the suitability of self-critically.

### Courses (type, number of weekly contact hours, language — if other than German)

- **P (0) + S (2)**

### Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module can be chosen to earn a bonus)

Documentation of graded teaching practice (approx. 20 pages)

Contents and duration of placement as specified in Section 34 Subsection 1 Sentence 1 No. 4 LPO I (examination regulations for teaching-degree programmes); participation in mandatory teaching practice, completion of all set tasks as specified by placement school.

### Allocation of places

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### Additional information

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### Referred to in LPO I (examination regulations for teaching-degree programmes)

§ 34 I 1 Nr. 4